"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAKOV, V.A., inzh.

Special features of the ChS2 electric locomotive manufactured in 1963. Elek. i tepl. tiaga no.5:25-26 My '63. (MIRA 16:8)

(Electric locomotives)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAKOV, V.A., inzh.

Use of the 3,000 voltage current for the electric power supply of passenger trains. Zhel.dor.transp. 44 no.12:45-47 D '62. (MIRA 15:12)
(Railroad--Cars--Heating and ventilation)
(Electric railroads--Current supply)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

ANTIPIN, G.V., mashinist elektrovoza, Geroy Sotsialisticheskogo Truda; [illegible], I.I., elektromonter; [illegible], Geroy Sotsialisticheskogo Truda; [illegible], A.I., mashinist-instruktor; [illegible], N.I., tokar'-ratsionalizator; [illegible], I.K.; CH'ENG HUA-TING [Ch'eng Hua-ting]; U FYN [Wu Fêng]; LYU I [Lü I]; YAN CHAO [Yang Ch'ao]; TIKHMENEV, B.N., doktor tekhn.nauk; [illegible], A.V., inzh. (g.Parizh); [illegible], inzh.; PIVOVAROV, G.I.

A feat which will live forever. Mekh. i tepl. tiaga 5 no.5:1-3 My '61. (MIRA 14:7)

1. Depo Krasnoyarsk (for Antipin). 2. Gosudarstvennaya distantsiya kontaktnoy seti (for [illegible]). 3. Master avtomatnogo tsekha depo Liski (for Fresnyakov). 4. Lokomotivnoye depo Orenburg, rukovoditel' kolonny teplovozov imeni XXII s"yezda partii (for Denishkin). 5. Instrumental'nyy tsekh kommunisticheskogo truda lokomotivnogo depo Kuybyshev (for Mamonin). 6. Literaturnyy sotrudnik gazety "Kuybyshevskiy zheleznodorozhnik" (for Kazachok). 7. Moskovskiy institut inzhenerov transporta (for Chen Hua-din, U Fyn, Lyu I, Yan Chao). 8. Rukovoditel' laboratorii peremennogo toka Vsesoyuznogo nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta Ministerstva putey soobshcheniya (for Tikhmenev). 8. Nachal'nik depo Leningrad-Baltiyskiy (for Pivovarov).

(Astronautics)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAKOV, V.A., inzh.

Electrical networks of the ChS2 electric locomotive.
Elek. i tepl. tiaga 6 no.10:25-29 O '62. (MIRA 15:11)
(Electric locomotives)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RUBCHINSKIY, Zigmund Moiseyevich, kand.tekhn. nauk; TASTEVEN, Yevgeniy Edmundovich, inzh.; SHIRYAYEV, Arkadiy Pavlovich, inzh.; DOLMATOV, A.A., kand. tekhn. nauk, retsenzent; LIBMAN, G.M., inzh., retsenzent; NAKHODKIN, M.D., kand. tekhn.nauk, retsenzent; SAZONOV, I.A., inzh., retsenzent; RAKOV, V.A., inzh., red.; ZUBLEVSKIY, S.M., inzh., red.; USENKO, L.A., tekhn. red.

[Design, arrangement, and working principles of the rolling stock of multiple-unit trains]Ustroistvo i rabota motorvagonnogo podvizhnogo sostava. Moskva, Transzheldorizdat, 1962. 335 p. (MIRA 16:1)

(Electric railroads--Rolling stock)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RUBCHINSKIY, Zigmund Moiseyevich, kand. tekhn. nauk; TASTEVEN, Yevgeniy Edmundovich, inzh.; SHIRYAYEV, Arkadiy Pavlovich, inzh.; DOLMATOV, A.A., kand. tekhn. nauk, retsenzent; LIBMAN, G.M., inzh., retsenzent; NAKHODKIN, M.D., kand. tekhn. nauk, retsenzent; SAZONOV, I.A., inzh., retsenzent; TRAKHTMAN, L.M., kand. tekhn. nauk, retsenzent; ZUBLEVSKIY, S.M., inzh., red.; RAKOV, V.A., inzh., red.; USENKO, L.A., tekhn. red.

[Design, arrangement, and working principles of the rolling stock of multiple-unit trains]Ustroistvo i rabota motorvagonnogo podvizhnogo sostava. Moskva, Transzheldorizdat, 1962. 335 p. (MIRA 16:1)

(Electric railroads--Rolling stock)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

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NIKANOROV, V.A., inzh.; RAKOV, V.A., inzh.

Reorganization of traction on the railroads of Czechoslovakia. Elektr. tepl.tiaga 6 no.1:45-48 Ja '62. (MIRA 15:1)
(Czechoslovakia--Railroads)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAKOV, Vitaliy Aleksandrovich

Lokomotivy zheleznykh dorog sovetskogo soyuza; ot Pervykh parovozov do sovremennykh lokomotovov. Moskva, Transzheldorizdat, 1955.
455 p. illus., diagrs. 27 cm.
Errata slip inserted.
Literatura: p. 444-[452]

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

MARCHENKO, Yuriy Valentinovich; NIKITIN, Geniy Nikolayevich; BYSTRITSKIY, Kh.Ya., inzh., retsenzent; YAKOVLEV, D.V., inzh., red.; RAKOV, V.A., inzh., red.; USENKO, L.A., tekhn. red.

[Maintenance and operation of electric a.c. locomotives] Obsluzhivanie i ekspluatatsiia elektrovozov peremennogo toka. Moskva, Vses.izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 234 p. (MIRA 15:2)
(Electric locomotives)

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RAKOV, V.A., inzh.; SOROKIN, G.Ye., inzh.

Provide for a centralized electric power supply of passenger trains. Zhel.dor.transp. 43 no.8:22-25 Ag '61. (MIRA 14:8)
(Railroads--Electric equipment)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAKOV, V.A.

"Sense organs of the lateral line system and their significance in the behavior of fishes" by N.N. Disler. Reviewed by V.A. Rakov. Vop. ikht. 1 no. 1:200-201 '61. (MIRA 14:5)

(Sense organs--Fishes)
(Disler, N.N.)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

YAKOVLEV, Dmitriy Vasil'yevich; RAKOV, V.A., inzh., retsenzent; LIBMAN, G.M., inzh., retsenzent; KHRAKOVSKIY, Ye.M., inzh., red.; MEDVEDEVA, M.A., tekhn. red.

[[Operation of d.c. electric locomotives and their maintenance] Upravlenie elektrovozami postoiannogo toka i obsluzhivanie ikh. Moskva, Vses.izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1961. 269 p. (MIRA 14:12)
(Electric locomotives)

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RAKOV, V.A., inzh.

Shouldn't the markings of locomotive series be standardized?
Elek. i tepl. tiaga 4 no.5:45-46 My '60. (MIRA 13:7)
(Locomotives--Standardization)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

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RAKOV, V.A.

"Works on ecological morphology of fishes"; "Trudy of the A.N.Severtsov Institute of Animal Morphology, no.20. Reviewed by V.A.Rakov. Zool.zhur. 38 no.8:1272-1274 Ag '59. (MIRA 12:11)

(Fishes)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

TARASOV, G.F., inzh.; RAKOV, V.A., inzh.

At locomotive plants in Czechoslovakia. Elek. i tepl. tiaga 2 no.3:44 Mr '58. (MIRA 11:4)

(Czechoslovakia--Locomotives)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

KALININ, S.S., inzhener; RAKOV, V.A., inzhener.

Some considerations on selecting types of electric locomotives for the near future. Zhel.dor.transp. 39 no.8:25-30 Ag '57. (MLRA 10:9)
(Electric locomotives)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

BARSKIY, M.R., kand.tekhn.nauk; SERDINOVA, I.N., kand.tekhn.nauk; RAKOV, V.A., red.; VERINA, G.P., tekhn.red.

[Increasing tractive and braking capacities of electric locomotives] Uluchshenie tiagovykh i tormoznykh svoistv elektrovozov. Moskva. Gos.transp.zhel-dor.izd-vo. 1952. 181 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no.64) (MIRA 12:1)

(Electric locomotives)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

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RAKOV, V.A.

4777. LOCOMOTIVES OF SOVIET RAILWAYS. (LOKOMOTIVY ZHELEZNYKH DOROG SOVETSKOGO SOYUZA). Rakov, V.A. (Moscow: Transzheldorizdat, 1955, 455pp.; 087/4.h.35 in Brit. Museum).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

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RAKOV, V.A.

ALFEROV, A.A.; ARTEMKIN, A.A.; ASHKENAZI, Ye.A.; VINOGRADOV, G.P.; GALEYEV, A.U.; GRIGOR'YEV, A.N.; D'YACHENKO, P.Ye.; ZALIT, N.N.; ZAKHAROV, P.M.; ZOBNIN, N.P.; IVANOV, I.I.; IL'IN, I.P.; EMETIK, P.I.; KUDRYASHOV, A.T.; LAPSHIN, F.A.; MOLYARCHUK, V.S.; PERTSOVSKIY, L.M.; POGODIN, A.M.; RUDOY, M.L.; SAVIN, K.D.; SIMONOV, K.S.; SITKOVSKIY, I.P.; SITNIK, M.D.; TETEREV, B.K.; TSETYRKIN, I.Ye.; TSUKANOV, P.P.; SHADIKYAN, V.S.; ADELUNG, N.N., retsenzent; AFANAS'YEV, Ye.V, retsenzent; VLASOV, V.I., retsenzent; VOROB'YEV, I.Ye., retsenzent; VORONOV, N.M., retsenzent; GRITCHENKO, V.A., retsenzent; ZHEREBIN, M.N., retsenzent; IVLIYEV, I.V., retsenzent; KAPORTSEV, N.V., retsenzent; KOCHUROV, P.M., retsenzent; KRIVORUCHKO, N.Z., retsenzent; KUCHKO, A.P., retsenzent; LOBANOV, V.V., retsenzent; MOROZOV, A.S., retsenzent; ORLOV, S.P., retsenzent; PAVLUSHKOV, E.D., retsenzent; POPOV, A.N., retsenzent; PROKOF'YEV, P.F., retsenzent; RAKOV, V.A., retsenzent; SINEGUBOV, N.I., retsenzent; TERENIN, D.F., retsenzent; TIKHOMIROV, I.G., retsenzent; URBAN, I.V., retsenzent; FIALKOVSKIY, I.A., retsenzent; CHEPYZHEV, B.F., retsenzent; SHEBYAKIN, O.S., retsenzent, SHCHERBAKOV, P.D., retsenzent; GARNYK, V.A., redaktor; LOMAGIN, N.A, redaktor; MORDVINKIN, N.A., redaktor; NAUMOV, A.N., redaktor; POBEDIN, V.F., redaktor; RYAZANTSEV, B.S., redaktor; TVERSKOY, K.N., redaktor; CHEREVATYY, N.S., redaktor; ARSHINOV, I.M., redaktor; BABELYAN, V.B., redaktor; BERNGARD, K.A., redaktor; VERSHINSKIY, S.V., redaktor; GAMBURG, Ye.Yu., redaktor; DERIBAS, A.T., redaktor; DOMBROVSKIY, K.I., redaktor; KORNEYEV, A.I., redaktor; MIKHEYEV, A.P., redaktor

(Continued on next card)

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ALFEROV, A.A. ---- (continued) Card 2.

MOSKVIN, G.N., redaktor; RUBINSHTEYN, S.A., redaktor; TSYPIN, G.S., redaktor; CHERNYAVSKIY, V.Ya., redaktor; CHERNYSHEV, V.I., redaktor; CHERNYSHEV, M.A., redaktor; SHADUR, L.A., redaktor; SHISHKIN, K.A., redaktor

[Railroad handbook] Spravochnaia knizhka zheleznodorozhnika. Izd. 3-e, ispr. i dop. Pod obshchei red. V.A.Garnyka. Moskva, Gos. transp.zhel-dor. izd-vo, 1956. 1103 p. (MLRA 9:10)

1. Nauchno-tekhnicheskoye obshchestvo zheleznodorozhnogo transporta. (Railroads)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

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NIKANOROV, V.A.; RAKOV, V.A.

Electric locomotives manufactured by the Czechoslovak "V.I.Lenin" Plant. Zhel.dor.transp. 43 no.10:89 O '61. (MIRA 14:9)

1. Glavnyy inzh. Glavnogo upravleniya lokomotivnogo khozyaystva Ministerstva putey soobshcheniya (for Nikanorov). 2. Glavnyy spetsialist Nauchno-tekhnicheskogo soveta Ministerstva putey soobshcheniya (for Rakov).
(Czechoslovakia--Electric locomotives)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAKOV, V.A., inzh.

Plans for modernizing railroads in Great Britain. Elek. i tepl. tiaga 5 no.6:47 Je '61. (MIRA 14:10)
(Great Britain--Railroads)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

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RAKOV, VITALIY ALEKSANDROVICH

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ELEKTROVOZ (THE ELECTRIC LOCOMOTIVE, BY) V. A. RAKOV (1) P. K. PONOMARENKO.

5. PERER. IZD. MOSKVA, TRANSZHELDORIZDAT, 1956.

627 P. ILLUS., DIAGRS., TABLES.

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Electric locomotives. 4. per-r. izd. Moskva, Gos. transp. zhel-dor. izd-vo, 1952.
723 p. (53-27630)

TF975.R3 1952

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RAKOV, V. A.

Electric locomotives. 2. izd. Moskva, Transzheldorizdat, 1943. 703 p. (NP-33919)

TF975.R3 1943

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PONOMARENKO, Panteleymon Kondrat'yevich; RAKOV, Vitaliy Aleksandrovich; SHILOVSKIY, V.A., redaktor; YUDZON, D.M., tekhnicheskiy redaktor

[Electric locomotives] Elektrovoz. Izd. 5-oe, perer. Moskva, Gos. transp.zhel-dor. izd-vo, 1956. 627 p. (MLRA 9:11)
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HAKOV, Vitaliy Aleksandrovich; AVATKOV, A.S., inzhener, redaktor; VERINA, G.P., tekhnicheskiy redaktor

[Railroad locomotives of the Soviet Union; from the first railway engines to modern locomotives] Lokomotivy zheleznykh dorog Sovetskogo Soiuza; ot pervykh parovozov do sovremennykh lokomotivov. Moskva, Gos.transp. zhel-dor. izd-vo, 1955. 455 p. (Locomotives) (MIRA 9:3)

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BORTNICHUK, N.Ya., inzh.; BRONSHTEYN, A.M., kand.tekhn.nauk; BYSTRITSKIY, Kh.Ya., inzh.; DUBROVSKIY, Z.M., inzh.; KATKOV, B.S., inzh.; KRASKOVSKAYA, S.N., inzh.; OSIPOV, S.I., inzh.; PERTSOVSKIY, M.L., inzh.; RAKOV, V.A., inzh.; REBRIK, B.N., kand.tekhn.nauk; SUYETIN, T.A., kand.fiziko-matem.nauk; KHITROV, P.A., tekhn.red.

[Electric locomotives operating on alternating current with ignitrons] Elektrovozy peremennogo toka s ignitronami. Pod obshchei red. V.A.Rakova. Moskva, Gos.transp.zhel-dor.izd-vo, 1959. 286 p. (MIRA 12:10)

(Electric locomotives)

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RAKOV, V. A.

Elektrovoa. [Electric locomotive]. 2 izd. Moskva, Transzheldorizdat, 1943. 703 p. illus., tables (part fold., part bouble) diargs. (part fold.)
DLC: TF975.R3 1943

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

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POPOV, Yevgeniy Ivanovich, inzh.; RAKOV, V.A., inzh., retsenzent; VISLOUKH, L.A., inzh., red.; SAVEL'YEV, Ye.Ya., red.izd-va; EL'KIND, V.D., tekhn.red.

[Rolling stock of electric railroads] Podvizhnoi sostav elektricheskikh zheleznykh dorog. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit.lit-ry, 1959. 162 p. (MIRA 13:2)
(Electric railroads--Rolling stock)

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Rakov, Vitaliy Aleksandrovich

Lokomotivy zheleznykh dorog sovetskogo soyuza ot pervykh parovozov do sovremennykh lokomotivov [Soviet railroad locomotives from the first steam engines to contemporary locomotives]

Moskva, Transzheldorizdat, 1955.

455 p. Illus., Diagrs.

Literatura: p. 444 - [452]

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

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BLAGOVESHCHENSKIY, Vladimir Petrovich; SIDORENKO, Vladimir Vladimirovich; RAKOV, V.I., otvetstvennyy redaktor; TSVETKOV, E.V., redaktor; PRUMKIN, P.S., tekhnicheskiy redaktor

[Radio measurements in pulse equipment] Izmereniia v impul'snoi radio-apparature. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl. 1957. 263 p. (MLRA 10:4)

(Pulse techniques (Electronics))
(Radio measurements)

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RAKOV, Veniamin Izrailevich; GOL'DSHTEYN, L.D., retsenzent; VILENKIN, B.I., retsenzent; ROGAN, N.L., nauchnyy red.; NIKITINA, M.I., red.; TSAL, N.K., tekhn. red.

[Radar display units]Indikatornye ustroistva radiolokatsionnykh stantsii. Leningrad, Sudpromgiz, 1962. 531 p. (MIRA 15:10)

(Radar)

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RAKOV, V. I.

PHASE I TREASURE ISLAND BIBLIOGRAPHICAL REPORT

Call No.: QC481.[illegible]

BOOK
Author: RAKOV, V. I.
Full Title: X-RAY TUBES
Transliterated Title: Elektronnyye rentgenovskiye trubki

Publishing Data
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Publishing House: State Publishing House for Energetics
Date: 1952 No. pp.: 259 No. of copies: [illegible]

Editorial Staff
Editor: Iglitsyn, M. I. Tech. Ed.: None
Editor-in-Chief: None Appraiser: None
Others: The author expresses his graditude to Prof. [illegible] minasov, Engineers M. I. Teuman, V. K. Shm[illegible], M. I. Iglitsyn, and Prof. F. N. Kharandzha, [illegible] valuable comments.
Prof. F. N. Kharandzha constructed the first [illegible] for mass production. A. I. Tkhorzhevskiy, [illegible] berg, V. I. Rakov and M. I. Teumen have play[illegible] ficant role in construction and research of [illegible] tube types. Profs. I. V. Poroykov, Ya. L. [illegible]

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Rieksteinas [illegible] Rentgenovskiye trubki AID 292 - I

[illegible] Emission Processes in X-ray Tubes.

6. Thermionic Processes in the Anode and the Permissible Load of X-ray Tubes in Constant Operation.

7. Permissible Load Computations of X-ray Tubes in Short-duration Operation.

8. X-ray Tube Parameters. Methods of Analysis and Operation.

Purpose: Intended for engineers and scientists specializing in the design of production and utilization of X-ray apparatus.

Facilities: Not given

No. of Russian and Slavic References: 31 (of these 6 are non-Soviet)

Available: Library of Congress.

3/3

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAKOV, V. I.

Electronic X-ray tubes

QC481.R2

1. X-rays

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

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R'KOV, V. I.

Elektronnyye rentgenovskiye trubki (Electronic x-ray tubes) Leningrad, Gosenergoizdat, 1952.
259 p. diagrs., tables.
"Literatura": p. (258)-259.

SO: N/5
613.35
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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAKOV, V. I.

PHASE I TREASURE ISLAND BIBLIOGRAPHICAL REPORT AID 292 - I

Call No.: QC481.R2

BOOK
Author: RAKOV, V. I.
Full Title: X-RAY TUBES
Transliterated Title: Elektronnyye rentgenovskiye trubki

Publishing Data
Originating Agency: None
Publishing House: State Publishing House for Energetics
Date: 1952 No. pp.: 259 No. of copies: 5,000

Editorial Staff
Editor: Iglitsyn, M. I. Tech. Ed.: None
Editor-in-Chief: None Appraiser: None
Others: The author expresses his graditude to Prof. Yu. S. Terminasov, Engineers M. I. Teuman, V. K. Shmelev, M. I. Iglitsyn, and Prof. F. N. Kharandzha, for their valuable comments.

Prof. F. N. Kharandzha constructed the first X-ray tubes for mass production. A. I. Tkhorzhevskiy, S. A. Ratenberg, V. I. Rakov and M. I. Teumen have played a significant role in construction and research of new X-ray tube types. Profs. I. V. Poroykov, Ya. L. Shekhtman,

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Elektronnyye rentgenovskiye trubki AID 293 - I

Ch. 5 Secondary Emission Processes in X-ray Tubes.
6 Thermionic Processes in the Anode and the Permissible Load of X-ray Tubes in Constant Operation.
7 Permissible Load Computations of X-ray Tubes in Short-duration Operation.
8 X-ray Tube Parameters. Methods of Analysis and Operation.

Purpose: Intended for engineers and scientists specializing in the design of production and utilization of X-ray apparatus.

Facilities: Not given
No. of Russian and Slavic References: 31 (of these 6 are non-Soviet)
Available: Library of Congress.

3/3

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

BELOTSERKOVSKIY, Grigoriy Bentsionovich; REYFMAN, L.L., retsenzent; CHEFRANOV, A.S., retsenzent; RAKOV, V.I., doktor tekhn. nauk, nauchn. red.; KOVCHKINA, G.P., red.

[Principles of pulse techniques and radar] Osnovy impul'snoi tekhniki i radiolokatsii. Leningrad, Sudostroenie, 1965. 458 p. (MIRA 18:7)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

PHASE I BOOK EXPLOITATION SOV/6220

Rakov, Veniamin Izrailevich

Indikatornyye ustroystva radiolokatsionnykh stantsiy (Indicator Apparatus in Radar Stations) Leningrad, Sudpromgiz, 1962. 531 p. 7900 copies printed.

Reviewers: L. D. Gol'dshteyn and B. I. Vilenkin; Scientific Ed.: N. L. Kogan; Ed.: M. I. Nikitina; Tech. Ed.: R. K. Tsal.

PURPOSE: This book is intended for engineers and technicians working in the field of radar. It may also be used as a textbook by students at schools of higher education.

COVERAGE: The book gives a detailed analysis of the complex problems related to methods of signal detection and display in radar pulse systems. Among the topics discussed are the following: methods of position fixing and spatial scanning, separation of a signal against a noise background, properties of cathode-ray tubes, the principle of display, and the construction and properties of various

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of Technical Sciences for their cooperation. There are 30 references, all Soviet.

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Foreword 3

Ch. I. Methods of Fixing and Spatial Scanning Used in Pulse Radar Systems

1. Basic quantitative relationships in pulse methods of range measuring 5
2. Evaluation of directional properties and calculation of antenna directivity 13
3. Ground-wave antenna directional patterns. Their use for calculation of antenna directivity 19
4. Methods of analytical approximation of antenna directivity 22
5. Relationship between directional and visual patterns 29

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

L 08503-67 FSS-2/EWT(1) GW/WR
ACC NR: AM6017275 Monograph

Rakov, Veniamin Izrailevich

Terminal devices of marine radar (Okonechnyye ustroystva sudovykh radiolokatsionnykh stantsiy) Leningrad, Izd-vo "Sudostroyeniye", 66. 0306 p. illus., biblio. 2,600 copies printed.

TOPIC TAGS: radar station, shipborne radar, radar equipment, radar scanning, radar signal processing

PURPOSE AND COVERAGE: This book presents the methods of processing radar information and the design of terminal devices of current marine radar stations. Descriptions are made of visual indicators, devices of discrete automatic detection and the removal of coordinates in circular scanning. The book gives the theory of operation of terminal devices, principles of their implementation, functional schemes, and methods of estimating their characteristics and parameters. Special attention is given to terminal devices used in marine radar scanning stations. This book is recommended for specialists in radar technology, and it can also be used by students in institutes of corresponding specialties.

TABLE OF CONTENTS (abridged):

Preface—3
Ch. I. Methods of receiving and processing radar information--5

Card 1/2 UDC:627.936:621.396.967

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

L 08503-67

ACC NR: AM6017275

Ch. II. Elements of the theory of detecting radar signals--34
Ch. III. Uses for the methods of visual indication. Nature of basic types of indicator devices--99
Ch. IV. Principles of automatic radar detection of objects in circular scanning. Analysis of the effectiveness of different methods of its implementation--173
Ch. V. Devices of automatic radar detection and removal of coordinates in circular scanning--248
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SUB CODE: 17,13 SUBM DATE: 16Oct65/ ORIG REF: 016/ OTH REF: 004

Card 2/2 afs

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAKOV, Vitaliy Aleksandrovich; KALININ, S.S., inzh., retsenzent; SUSLOV, B.V., inzh., retsenzent; MAKHODKIN, M.D., kand. tekhn. nauk, retsenzent; FAMINSKIY, G.V., kand.tekhn. nauk, retsenzent; ROGOVA, Ye.N., inzh., retsenzent; KRYLOV, V.I., inzh., retsenzent; NOVIKOV, V.N., inzh., retsenzent; GORELIK, I.A., inzh., red.; BOBROVA, Ye.N., tekhn. red.

[Series ChS2 electric locomotive for passenger trains] Passazhirskii elektrovoz serii ChS2. Moskva, Transzheldorizdat, 1963. 359 p. (MIRA 17:1)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAKOVA, Yekaterina Ivanovna, kand. ist. nauk; ATROSHCHENKO, L.Ye., tekhn. red.; LEONOVA, T.S., red.

[Union of the sickle and hammer] Soiuz serpa i molota. Moskva, Izd-vo "Znanie," 1964. 47 p. (Novoe v zhizni, nauke, tekhnike. V Seriia: Sel'skoe khoziaistvo, no.6)
(MIRA 17:3)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

DUDICH, Z.Z., dotsent, kand.ekonomich. nauk; [illegible], Ya.S., prof.; KHACHA-TRYANTS, I.T., dotsent, kand.tekhn.nauk

Increasing labor productivity in the construction industry. Sbor. nauch.trud.Bel.politekh.inst. no.66:221-239 '57. (MIRA 16:9)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

LANDIN, Ye.I.; RAKOV, Ya.G., prof., red.; VASIL'YEVSKIY, I., red.izd-wa; ATLAS, A., tekhn. red.

[Workers' real wages and income]Real'naia zarabotnaia plata i dokhody trudiashchikhsia. Minsk, Izd-vo Akad.nauk BSSR, 1962. 158 p. (MIRA 16:3)
(Wages) (Cost and standard of living)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

PROCESSES AND PROPERTIES INDEX

New X-Ray Tubes for Radiology. V. I. Rakov (*Zavod. Lab.*, 1941, 10, (1), 73-70). [In Russian]. A review. N. A.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAKOV, V.L., gornyy inzh.

Some problems of power consumption in electric mine haulage. Gor. zhur. no.12:41-44 D '57. (MIRA 11:1)

1. Krivorozhskiy gornorudnyy institut.
(Electricity in mining) (Mine haulage)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAKOV, V.L.

127-12-12/28

AUTHOR: Rakov, V.L., Mining Engineer

TITLE: Some Problems in Power Consumption of Mine Haulage by Electric Locomotives (Nekotoryye voprosy energopotrebleniya rudnichnoy elektrovoznoy otkatki)

PERIODICAL: Gornyy Zhurnal, 1957, No 12, pp 41-44 (USSR)

ABSTRACT: The Chair of Mining Electrical Engineering of the Krivoy Rog Mining-Ore Institute has carried out investigations in the mines of the Krivoy Rog Basin, which made it possible to establish specific norms of power consumption for some electric mine installations, in particular for traction substations. The author analyzes specific norms of power consumption in the mining haulage and considers main factors affecting their values. These values can be obtained only by an experimental way in order to be applicable for practical calculations. On the basis of 3 formulas the author finds that the specific power consumption is dependent upon the transportation distance. He draws these functional dependences graphically for 3 types of cars used in the mines of the Krivoy Rog Basin, having capacities 0.81, 2 and 4 m^3 respectively. Furthermore, on the basis of experimental data other coefficients were obtained by graphic interpolation and represented by the curves in figures

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127-12-12/28

Some Problems in Power Consumption of Mine Haulage by Electric Locomotives

4 and 5 of the article. The data obtained permit to determine the capacities of transformers for the traction substations in the mines of the Krivoy Rog Basin.
The article contains 5 graphs.

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

AVAILABLE: Library of Congress

Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAKOV, V.M.

GRINBERG, B.G.; RUBTSOV, N.N., professor, doktor tekhnicheskikh nauk, laureat Stalinskoy premii, zasluzhennyy deyatel' nauki i tekhniki, retsensent; RAKOV, V.M., kandidat tekhnicheskikh nauk, dotsent, retsensent; SHESTOPAL, V.M., kandidat tekhnicheskikh nauk, dotsent, retsensent; YUDIN, S.T., nauchnyy redaktor; RZHAVINSKIY, V.V., redaktor; RAKOV, S.I., tekhnicheskiy redaktor.

[Fundamentals of metal casting] Osnovy liteinogo proizvodstva. Moskva, Vses.uchebno-pedagog. izd-vo Trudrezervizdat, 1953. 263 p. [Microfilm] (Founding) (MLRA 7:10)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

USSR/General Problems of Pathology. Neoplasms. U

Abs Jour: Ref Zhur-Biol., No 8, 1958, 37329.

Author : Rākov, V.N.
Inst :
Title : Some Aspects of the Lung Cancer Problem.

Orig Pub: Vopr. Onkologii, 1957, 3, No 4, 404-410.

Abstract: No abstract.

Card : 1/1

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Effect of kind of checkerwork on the performance of coking ovens. V. Y. Rakov. *Stal* 8, 870-3(1948).—A comparative test was run on the effectiveness of the type of regenerator checkerwork of a coke oven battery. Half of the battery, 28 ovens, operated with checkerwork made of solid brick and the other half with checkerwork made of lattice-shaped brick. The regenerators were heated with blast-furnace gas, the dust content of which was reduced to approx. 30 mg./cu.m. The lattice-shaped brick was superior. The solid brick was dust choked frequently, whereas the lattice bricks were relatively free of dust. The heat exchange surface per 1 cu.m. of brick was 6.5 sq.m. for the solid brick and 53 sq.m. for the lattice-shaped brick. All this had a telling effect on the operation of the coking ovens. M. Hosch

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4699. EFFECT OF KIND OF CHEQUERWORK ON PERFORMANCE OF COKING OVENS. Rakov, V. V. (Stal, 1948, vol. 8, 870-873; abstr. in Chem. Abstr., 1950, vol. 44, 822).

A comparative test was run on the effectiveness of the type of regenerator chequerwork of a coke oven battery. Half of the battery, 28 ovens, operated with chequerwork made of solid brick and the other half with chequerwork made of lattice-shaped brick. The regenerators were heated with blast furnace gas, the dust content of which was reduced to approximately 20 m.g./cu.m. The lattice-shaped brick was superior. The solid brick was dust choked frequently, whereas the lattice bricks were relatively free of dust. The heat exchange surface per 1 cu.m. of brick was 6.5 sq. m. for the solid brick and 53 sq. m. for the lattice-shaped brick. All this had a telling effect on the operation of the coking ovens.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

KAZACHENOK, V.I.; RAKOV, V.S.

Hydrodynamic effect of the lubricants in upsetting. Kuz.-shtam. proizv. 6 no.1:3-5 Ja '64. (MIRA 17:3)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

AUTHOR: Rakov, V.V. SOV/68-58-2-13/20

TITLE: Leading Experience Should be Introduced at all Works (Vnedrit' peredovoy opyt na vsekh zavodakh)

PERIODICAL: Koks i Khimiya, 1959, Nr 2, pp 48 - 53 (USSR)

ABSTRACT: In order to promote the introduction of technical improvements at all works, GNTK of the Council of Ministers of RSFSR organised an "interworks school" for engineers employed in the coking industry. The paper gives a short report on the observations made by the members of the school on the mechanisation and technology in coal preparation and coking works. The following are the main remarks:

1) Coal Preparation. Large mechanised coal stockyards available on some works are not fully utilised due to lack of coal stocks. The complete averaging of the composition of coals is done only at the Magnitogorskiy metallurgicheskiy kombinat (Magnitogorsk Metallurgical Combine). The preparation of blend is done with outdated feeding tables and conveyor feeders which make an accurate proportioning practically impossible. Testing of equipment for preferential crushing should be speeded up. Lack of sufficient ventilation in coal preparation plants. Members

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SOV/68-58-2-13/20

Leading Experience Should be Introduced at all Works

of the school recommended a number of measures (not specified) to Giprokoks.

2) Coke Ovens. Measures securing an optimum charging of coke ovens are satisfactory at all works. The best technology of charging ovens was developed at the Zhdanov Works. Insufficient maintenance of oven refractories, oven doors, etc. at some works is stressed. A request was made to GNTK RSFSR to review existing instructions on coking practices, as the existing ones do not reflect changes which took place in the coking technology and to call a joint conference of Giprokoks, TsLA, VuKhIN and UKhIN to decide on a final scheme of automation of coke-ovens heating systems.

3) State of mechanisation and automation in coke-oven works. Works are enumrated on which the best solutions of automatic charging of coal into larry cars, automatic weighing of the charge and automatic charging into ovens are in operation. It is concluded that the general level of mechanisation and automation at coking works does not correspond to modern technical requirements.

Card2/3

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SOV/68-58-2-13/20

Leading Experience Should be Introduced at all Works

ASSOCIATION: Kuznetskiy metallurgicheskiy kombinat (Kuznetsk Metallurgical Combine)

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

SOV/68-59-6-8/25

AUTHORS: Rakov, V.V. and Lazarev, Yu.A.

TITLE: A Rapid Method of Rebuilding the Heating Walls of Coke Ovens (Perekladka obogrevatel'nykh prostenkov koksovykh pechey skorostnym metodom)

PERIODICAL: Koks i Khimiya, 1959, Nr 6, pp 31-35 (USSR)

ABSTRACT: A Method of rapid rebuilding of small groups of oven walls was developed and successfully tested in two cases on the Kuznetsk Works. The principles of the method are as follows: 1) demolishing of old walls is done without their preliminary cooling, whereupon some decrease in the temperature of the buffer walls is considered as unavoidable; 2) the temperature of the buffer walls, facing walls under demolition is maintained high by a careful thermal insulation; 3) the regenerators of the oven under repair and those of the buffer ovens are maintained hot by continuous heating; 4) heating up of the new walls is started immediately after building and is finished in 6 - 7 days after the

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SOV/68-59-6-8/25

A Rapid Method of Rebuilding the Heating Walls of Coke Ovens

roof of the oven is covered. The procedure adopted is described in some detail.
There are 4 figures and 1 table.

ASSOCIATION: Kuznetskiy Metallurgicheskiy Kombinat (Kuznetsk Metallurgical Combine)

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

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ZHEREBIN, B.N.; MISHIN, P.P.; KUDOYAROV, M.S.; SUKHENKO, S.I.; RASKIN, V.Z.; OSTROUKHOV, M.Ya.; RAKOV, V.V.

Experimental blast furnace smelting using coke from large-capacity coke ovens. Koks i khim. no.2:23-29 '64. (MIRA 17:2)

1. Kuznetskiy metallurgicheskiy kombinat (for Raskin). 2. Chelyabinskiy institut stali (for Ostroukhov). 3. Kuznetskiy filial Vostochnogo uglekhimicheskogo instituta (for Rakov).

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAKOV, V.V.; YUFEROV, A.A.; RASKIN, V.Z.; KALININA, G.I.

Modifications of the technological flow sheet for the preparation of the coal charge in the Kuznetsk Metallurgical Combine. Koks i khim. no.6:3-7 '63. (MIRA 16:9)

1. Kuznetskiy metallurgicheskiy kombinat.
(Coal preparation) (Novokuznetsk—Metallurgical plants)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

VARSHAVSKIY, T.P., kand.tekhn.nauk; BEZDVERNYY, G.N.; RAKOV, V.V.; RASKIN, V.Z.; NIKITIN, Yu.K.

Coal charge for the production of other than blast-furnace coke. Koks i khim. no.11:18-20 '62. (MIRA 15:12)

1. Vostochnyy uglekhimicheskiy institut (for Varshavskiy, Bezdvernyy). 2. Kuznetskiy metallurgicheskiy kombinat (for Rakov, Raskin). 3. Kuznetskiy filial Vostochnogo uglekhimicheskogo instituta (for Nikitin).
(Coke)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

KUPERMAN, P.I.; NIKITIN, Yu.K.; RAKOV, V.V.; RASKIN, V.Z.; KUZNETSOVA, A.I.

Characteristics of large dimenison coke ovens in connection with the coking of charges of Kuznetsk Basin coals. Koks i khim. no.12:22-27 '62. (MIRA 16:1)

1. Vostochnyy uglekhimicheskiy institut (for Kuperman, Nikitin).
2. Kuznetskiy metallurgicheskiy kombinat (for Rakov, Raskin, Kuznetsova).

(Coke ovens)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

ACC NR: AP7008520 SOURCE CODE: UR/0363/67/003/002/0275/0279

AUTHOR: Krol', L. Ya; Ponomarev, N. N.; Rakov, V. V.; Yeremeyev, V. V.

ORG: Giredmet

TITLE: Determination of the diffusion coefficients of arsenic vapor in argon and helium

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 3, no. 2, 1967, 275-279

TOPIC TAGS: arsenic, gas diffusion, argon, helium

ABSTRACT: The diffusion coefficients of arsenic vapor in argon and helium were determined in the 1.8-5.5 abs. atm. range by Stefan's stationary method. Based on experimental data, the diffusion coefficients reduced to standard conditions were calculated to be: in Ar, $D_{0\,As_4}$ = (0.122±0.006) cm^2/sec, and in He, $D_{0\,As_4}$ = (0.174±0.009) cm^2/sec. The absolute experimental error did not exceed 5%. In the investigated range of temperatures and pressures, the diffusion coefficients of arsenic vapor were inversely proportional to the total pressure of the mixture at constant temperature; this behavior confirms Loschmidt's law. It is shown that a good approximation of the temperature dependence of the diffusion coefficient at constant pressure is the Maxwellian model of intermolecular interaction, which expresses the parabolicity of this dependence. Orig. art. has: 2 figures, 1 table and 3 formulas.

SUB CODE: 07/ SUBM DATE: 28Dec65/ ORIG REF: 002

Card 1/1 UDC: 533.15:546.19

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAKOV, Ya.G., prof.

The socialist population law. Sbor.nauch.rab.Bel.politekh.inst. no.52:38-53 '56. (MIRA 13:4)
(Demography)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAKOV, YA. G.

27047: RAKOV, YA. G. - Perspektivy razvitiya promyshlennosti Belorusskogo Poles'ya V sb: K voprosu osvoyeniya i razvitiya proizvodit. Sil Polesiya. Minsk, 1949, S. 214-21.

SO: Letopis' Zhurnal'nykh Statey, Vol. 36, 1949.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

27047

Perspektivy razvitiya proizvodstvennosti Belorusskogo Poles'ya.
V sb: K voprosy osvoeniya i razvitiya produvodit. Bil Poles'ya.
Minsk. 1949, S. 214-21

3 STROITEL'NOE DELO

SO: LETOPIS' NO. 34

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAKOV, Yakov Gdal'yevich; SKUMAN, Andrey Petrovich; KAPRANOVA, N.V., red.; ZIMA, Ye.G., tekhn. red.

[All for the good of man; program for creating the highest standard of living in the world] Vse dlia blaga cheloveka; programma sozdaniia samogo vysokogo v mire zhiznennogo urovnia. Minsk, 1962. 35 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no.2) (MIRA 15:4)

(Russia--Economic conditions)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

USSR/Geography - Economic geography

Card 1/1 Pub. 45 - 14/17

Authors : Alampiev, P. M.

Title : Byelorussian SSR. Excerpts from economic geography

Periodical : Izv. AN SSR. Sef. geog. 3, 103-105, May - Jun 1954

Abstract : A review is made of the book, "Byelorussian SSR. Excerpts from Economic Geography", complied by G. T. Kovalevskiy and Ya. G. Rakov, published by the Academy of Sciences of the BSSR at Minsk in 1953, and containing 432 pages. These excerpts show the kinds of agriculture and industry pursued in Byelorussia and how this country, always known to be poor, with the help of Russia and other republics became prosperous. The book is rated as good but does not contain sufficient factual material.

Institution: .....

Submitted: .....

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAKOV, Ya

Minsk, Izd-vo Akademii Nauk BSSR, 1953.
430 p. Illus., Maps.
"Bibliografiya": p. (425)-430.
At head of Title: Belaruskaya Akademiya Navuk, Minsk. Institut Ekonomiki.

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621.8
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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAKOV, G.A.

ALAMPIYEV, P.M.

"White Russian S.S.R.; outlines of economic geography." G.T.Kovalevskii, IA.G.Rakov, eds. Reviewed by P.M.Alampiev. Izv. AN SSSR. ser.geog. no.3:103-105 My-Je '54. (MLRA 7:7) (White Russia--Economic geography) (Economic geography--White Russia)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

MAKOV, Ya.H.

[Differential rent under socialism] Differentsial'naia renta pri sotsializme. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1963. 80 p. (MIRA 16:12)
(Rent) (Income) (Collective farms)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

BAKOVA, A. S.

Comparative data on the examination of infants born with the aid of obstetrical forceps, and in protracted, however spontaneous, labor. Sbor. nauch. trud. Ivan. gos. med. inst. no. 28:279-284 '63. (MIRA 19:1)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. Ye.Y. Aleksandrov) i kafedry pediatrii (zav. - zasluzhennyy deyatel' nauki RSFSR, prof. A.I. Titova) Yaroslavskogo meditsinskogo instituta (rektor - prof. N. Ye. Yarygin).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

L 29015-66

ACC NR: AP6018858 SOURCE CODE: UR/0239/65/051/009/1070/1079

AUTHOR: Rosenshtraukh, L.V.; Rakova, A.L.
ORG: Institute of Therapy, AMN SSSR, Moscow (Institut terapii AMN SSSR)

TITLE: Microelectrode study of the aconitine model of cardiac fibrillation 22

SOURCE: Fisiologicheskiy zhurnal SSSR, v. 51, no. 9, 1965, 1070-1079
TOPIC TAGS: bioelectric phenomenon, cardiovascular system, experiment animal, pharmacology

21
B

ABSTRACT: This study was carried out on Rana temporaria hearts isolated together with the vago-sympathetic trunks. Crystalline aconitine was applied to a spot of myocardium fiber into which a microelectrode had been inserted, and the bioelectric potentials were recorded on electric stimulation of the vago-sympathetic trunks. The nature of the bioelectric response at the foci of aconitine action (length of latent period, velocity of repolarization) indicated that a cholinergic effect was produced and that the vagus was primarily involved in this effect. The ectopic disturbance (arrhythmia) which developed in the auricles as a result of the action of aconitine was accompanied by the formation of a second plateau, against the background of which an extrasystole appeared. This type of action indicated that aconitine reduced the permeability of cell walls to potassium ions and prevented their exit from the cells. The response at the heterotropic focus depended on the phase of the action of aconitine and the strength of stimulation of the vagus: there was either an increase in the ectopic rhythm or a temporary inhibition of herotropic activity. The results obtained indicated that an ectopic effect rather than cyclic action was responsible for the development of fibrillation. Orig. art. has: 6 figures and 1 table. [JPRS]

SUB CODE: 06/ SUBM DATE: 13Mar64/ ORIG REF: 012/ OTH REF: 021 UDC: 612.17

Card 1/1 BLG

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

16(1),16(2)

AUTHOR: Rakova, E.S. SOV/42-14-4-25/27

TITLE: Scientific-Technical Conference in the MEI

PERIODICAL: Uspekhi matematicheskikh nauk, 1959,Vol 14,Nr 4,pp 243-244(USSR)

ABSTRACT: On March 24-26, 1959 a conference on the results of the research of the institute during the year 1958 took place in the MEI (Moscow Power Engineering Institute). There was an active participation of the Chair of Mathematics at the MEI under the leading of Professor A.F.Leont'yev. Opening address by Professor V.A.Venikov, prize-winner of the Lenin prize. Report of the corresponding member AS USSR Professor G.N.Kruzhilin. The section of physical-mathematical sciences (presidency: M.I.Vishik) carried out three sessions; lectures were given by: M.I,Vishik, L.A. Lyusternik, I.N.Denisyuk, M.L.Krasnov, I.P.Lapchik, G.I.Makarenko, A.M.Polosuyev, S.A.Stebakov, and A.Ye.Sysoyev. Lectures in the section mechanics - construction of machines (presidency:M.G. Slobosyanskiy, S.S.Kryukovskiy) were given by: V.V.Bolotin, F.M.Kurovskiy, I.B.Lyudmirskaya, A.P.Sokolov, Ye.N.Ushanov. Lectures in the section automatics, measuring technique (presidency: R.R.Kharchenko) were given by: A.Strushakh, F.Ye.Temnikov, I.M. Tetel'baum, A.M.Ashavskiy, N.I.Chelnokov, and A.G.Shigin.

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

LEONIDOV, K.S.; RAKOVA, E.S.

New publications on applied analysis and computer mathematics. (MIRA 12:3)
Usp. mat. nauk 14 no.1:261-265 Ja-F '59.
(Bibliography--Mathematics)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

16(1),16(2) SOV/42-14-1-27/27

AUTHORS: Leonidov, K.S., and Rakova, E.S.

TITLE: New Publications on Applied Analysis and Numerical Mathematics (Novyye izdaniya po prikladnomu analizu i vychislitel'noy matematike)

PERIODICAL: Uspekhi matematicheskikh nauk, 1959, Vol 14, Nr 1, pp 261-265 (USSR)

ABSTRACT: It is stated that in the USSR there exists no periodical on numerical mathematics and similar domains. The papers of these domains chiefly appear in the serie "Publications on Applied Analysis and Numerical Mathematics" (BPAVM) and in single collected volumes. The series BPAVM began in 1955 and until now it contained the following monographies: 1. G.S.Salekhov "Calculation of Series"; 2. A.N.Khovanskiy "Application of Continued Fractions in the Approximate Analysis"; 3. V.S.Ryaben'kiy, A.F.Filippov "Stability of Difference Equations"; 4. G.S.Khovanskiy "Nomograms"; 5. S.M.Nikol'skiy "Quadrature Formulas"; 6. M.A.Kartsev "Arithmetic Devices of Electronic Digit Apparata"; 7. Yu.V. Vorob'yev "Momentum Method in Applied Mathematics"; 8. Ye.A. Zhogolev, G.S.Roslyakov, N.P.Trifonov, M.R.Shura-Bura "System of Standard-Subprograms".
There appeared the following collected volumes. "Numerical

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New Publications on Applied Analysis and Numerical Mathematics

SOV/42-14-1-27/27

Mathematics and Computing Technics" (VMVT) since 1953, "Numerical Mathematics" (VM) since 1957, and "Computing Technics" (VT) since 1958. Until now two volumes of VMVT appeared with contributions of V.A.Ditkin, L.A.Lyusternik, A.I.Ivanova, A.A.Abramov, M.R. Shura-Bura, V.I.Shestakov, A.I.Vzorova, G.S.Khovanskiy, L.V. Bochek, Ye.N.Dekanosidze, L.N.Karamzina, V.K.Saul'yev, I.M. Stesin, M.A.Tomson, L.I.Gutenmakher, G.K.Kuz'minok, L.S.Klabukova. The published three volumes of VM contained contributions of L.A.Lyusternik, Yu.V.Vorob'yev, Ye.A.Volkov, V.K.Saul'yev, I.M.Stesin, A.I.Vzorova, Ya.I.Alekhnashkin, G.S.Khovanskiy, S.P. Kapitsa, M.R.Shura-Bura, P.I.Ch[illegible]shkin, O.N.Kavskova, Yu.D. Shmyglevskiy, V.S.Linskiy, M.G. Rapoport, B.M.Drozdov, A.G.Gesse, V.S.Vladimirov, L.S.Klabukova, A.I.Vzorova, I.M.Sobol', V.K. Kabulov, O.N.Belotserkovskiy. The first volume of VT contains contributions of O.K.Shcherbakov, F.V.Mayorov, P.P.Golovistikov, Ye.A.Volkov, L.N.Korolev, N.Ya. Matyukhin, O.V.Rosnitskiy, Yu.N. Glukhov, Ye.I.Mamonov.

Besides in 1958 Yu.Ya.Bazilevskiy edited the collected volume "Questions of the Theory of Mathematical Machines" ("Voprosy

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New Publications On Applied Analysis and Numerical Mathematics

507/42-14-1-27/27

teorii matematicheskikh mashin") with contributions of Yu.Ya. Bazilevskiy, I.Ya.Akushskiy, Yu.A.Shreyder, E.A.Gluzberg, I.M. Vitenberg, B.I.Rameyev, V.S.Linskiy, L.A.Kozharskiy.

USCOMM-DC-60,919

Card 3/3

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

KAKOVA, F.

107-12-5/46

AUTHOR: Rakova, F. (Leningrad)

TITLE: On the Road of Technical Progress (Po puti tekhnicheskogo progressa)

PERIODICAL: Radio, 1956, Nr12, p. 4 (USSR)

ABSTRACT: TV in the USSR grows rapidly: over one million of tv sets are in operation now, and about 8 million are expected in 3 years. The radio plant imeni Kazitskiy, Leningrad, produces the 5-program tv set "Znamya". The set was developed by a group of engineer V. Klibson, and is manufactured, adjusted, and tested on six production conveyers now.

Inventions and labor-saving devices are favored at our plant. The recently organized precise-casting shop has saved 39.000 hrs of lathe work. Durability of tools was doubled after the introduction of freezing (at - 60°C) after hardening. Overall saving from inventions and efficiency methods at the plant reached 2,500,000 rbls over 9 months. N. Izyumov and B. Poylov have developed a semi-automatic device for winding the horizontal and vertical deflection coils; the device saves the work of 8 to 10 persons. It promises at least 1½ million rbls saving and a higher quality of product.
The team of V. Shurupov and V. Murav'yev (smiths), V. Makarov (tekhnolog), and S. Kozlova (designer) developed a perfection of the transformer-steel press which promises to save tens of thousands of rubles. A new shop is being completed for the production of a unified type of horizontal transformers.

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AVAILABLE: Library of Congress

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

RAKOVA, F. (Leningrad).

On the path of technical progress. Radio no.12:4 D '56. (MLRA 10:2)

(Leningrad--Radio industry)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

SUCHKIN, G.L.; RAKOVA, G.K.

Excitation of the E_{010} mode in the cylindrical cavities of masers. Radiotekh. i elektron 7 no.7:1251-1252 '62. (MIRA 15:6)
(Microwaves) (Masers) (Electric resonators)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

TAGER, A.A.; TSILIPOTKINA, M.V.; Prinimala uchastiye: RAKOVA, G.M.

Evaluating the packing density of chains of solid polymers. Part 4: Isotactic polystyrene. Vysokom.soed. 3 no.12:1860-1862 D '61. (MIRA 15:3)

1. Ural'skiy gosudarstvennyy universitet imeni A.M.Gor'kogo.
(Polymers) (Styrene)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

20-119-5-39/59

AUTHORS: Rakova, G. V., Korotkov, A. A.

TITLE: Investigation of the Copolymerization of Isoprene and Divinyl by Butyl Lithium (Issledovaniye sopolimerizatsii izoprena i divinila butillitiyem)

PERIODICAL: Doklady Akademii Nauk SSSR, 1958, Vol. 119, Nr 5, pp. 982 - 985 (USSR)

ABSTRACT: The determination of the relative reactivity of the diethylene-hydrocarbons isoprene and divinyl (which are distinguished only by the existence of a methyl group) in the case of catalytic basic copolymerization. The composition of the copolymers was determined by means of the method of marked atoms. For this purpose isoprene was synthetized with C^{14} according to a somehow modified method by A. Ye. Farovskiy (Reference 7). All operations were carried out in a current of dry nitrogen or in vacuum. The polymerization reaction was interrupted at differently progressed stages of the transformation by quick cooling of the reaction ampoule. Then the ampoules were opened and a little (2 ml) ethylalcohol was added to decompose the catalyst. The compositions of the copolymers were determined by the rad activity of the samples. The results of the experiments were

[illegible] the
[illegible]oned the
[illegible]olymerization divinyl
[illegible]e polymerization iso-
[illegible]olymerization the reaction
[illegible]orresponds to the velocity of the
[illegible]divinyl. There are 3 figures, 1 table
[illegible] which are Soviet.

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R00

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

Investigation of the Copolymerization of Isoprene and Divinyl by Butyl Lithium 20-119-5-39/59

ASSOCIATION: Institut vysokomolekulyarnykh soyedineniy Akademii nauk SSSR (Institute for High Molecular Compounds AS USSR)

PRESENTED: December 16, 1957, by A. V. Topchiyev, Member, Academy of Sciences, USSR

SUBMITTED: December 16, 1957

Card 3/3

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

L 13653-63 EWP(j)/EPF(c)/EWT(m)/BDS ASD Pc-4/Pr-4 RM/WW

ACCESSION NR: AP3000700 S/0190/63/005/005/0719/0723

68
66

AUTHOR: Romanov, L. M.; Verkhoturova, A. P.; Kissin, Yu. V.; Rakova, G. V.

TITLE: Polymerization of hepta-1,5-diene on complex catalysts

SOURCE: Vy*sokomolekulyarny*ye soyedineniya, v. 5, no. 5, 1963, 719-723

TOPIC TAGS: copolymerization, complex catalysts, infrared spectra, [illegible]

ABSTRACT: The difficulties in obtaining rubbers suitable for vulcanization by means copolymerization of alpha-olefins induced the authors to select hepta-1,5-diene for a study of homopolymerization by means of various Ziegler-Natta catalysts. The most active of these proved to be the system Al(C sub 2 H sub 5) sub 3 - TiCl sub 4. The Al/Ti ratio of 2:1 proved the most effective, producing a maximum 40% yield of the polymer in a n-heptane solution at 70 to 80C. The obtained poly-hepta-1,5-diene had a rubberlike texture, a molecular weight of 1250 and a 25-30% of double bonds, as determined by Hanus' method. The product was also subjected to infrared spectroscopy in the 2000-7000 cm sup -1 range, and the number of double bonds per one CH sub 2 group was determined. Ozonization provided additional clues. It is concluded that the internal double bond is capable of participating in the polymerization initiated by Ziegler-Natta catalysts, a fact established by Natta while the present investigation was still in the experimental stage. The formation of five-membered

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ACCESSION NR:AP3000700

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rings in the polymer is stressed. Thanks are given to G. Ye Zankov for assistance in the analysis of the ozonized products. Orig. art. has: 4 formulas, 3 tables, and 2 figures.

ASSOCIATION: Institut khimicheskoy fiziki AN SSSR (Institute of Chemical Physics, Academy of Sciences SSSR)

SUBMITTED: 02Nov61 DATE ACQ: 17Jun63 ENCL: 00

SUB CODE: CH NO REF SOV: 002 OTHER: 007

Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

SOV/20-126-3-34/69

5(3)

AUTHORS: Rakova, G. V., Korotkov, A. A., Corresponding Member AS USSR, Li Tsung-Ch'ang

TITLE: A Study of the Copolymerization of Isoprene With Piperylene and Diisopropenyl (Issledovaniye sopolimerizatsii izoprena s piperilenom i diizopropenilom)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 3, pp 582 - 585 (USSR)

ABSTRACT: The authors continue here their work (Refs 1,2) on the copolymerization of divinyl and isoprene. Isoprene marked with C^{14} was also used here. The method is described (Refs 1,2). Figure 1 shows the kinetic polymerization curves of piperylene and diisopropenyl. Figure 2 presents these curves for separate and common polymerization at 50°. Figure 3 shows computed composition integral curves of the copolymers of the two systems mentioned in the title. Table 1 shows the test results of copolymerization of isoprene and piperylene in hexane at different temperatures and with a diethyl-ether admixture at 60°. The authors conclude from the results: if in the copolymerization of isoprene with divinyl an activity "reversal" takes place, and if on account of the data on separate polymerization the composition of the occurring copolymer cannot be predicted, the

Card 1/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

A Study of the Copolymerization of Isoprene With Piperylene and Diisopropenyl SOV/20-126-3-34/69

relative activity of the monomers is maintained in the cases discussed here both in separate and common polymerization. It can be expressed by the series: isoprene $\gg$ piperylene $\gg$ diisopropenyl. This variable activity is only conditioned by steric causes. The difference does not change with temperature, and decreases considerably if the polymerization reaction is carried out in a mixed solvent: hexane + diethyl ether. There are 3 figures, 1 table, and 4 references, 3 of which are Soviet.

ASSOCIATION: Institut vysokomolekulyarnykh soyedineniy Akademii nauk SSSR (Institute of High Molecular Compounds of the Academy of Sciences, USSR)

SUBMITTED: February 5, 1959

Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

NIKITIN, V.N.; RAKOVA, G.V.; MIKHAYLOVA, N.V.

Infrared absorption spectra of ethyl lithium, dissolved in benzene, hexane, and diethyl ether. Dokl. AN SSSR 124 no.4:873-875 F '59. (MIRA 12:1)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR. Predstavleno akademikom A.N. Tereninym.
(Lithium--Spectra)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

5(4), 24(7)

SOV/20-124-4-40/67

AUTHORS: Nikitin, V. N., Rakova, G. V., Mikhaylova, N. V.

TITLE: The Infrared Spectra of the Absorption of Ethyl Lithium Dissolved in Benzene, Hexane, and Diethyl Ether (Ob infrakrasnykh spektrakh pogloshcheniya etillitiya, rastvorennogo v benzole, geksane i dietilovom efire)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 124, Nr 4, pp 873-875 (USSR)

ABSTRACT: It is to be expected that the electron-acceptor oxygen of ether is able to form a new complex with the ethyl lithium. The crystalline ethyl lithium was produced from metallic lithium and ethyl chloride in a benzene solution, after which the solvent was removed. All operations were carried out in an atmosphere of dry purified nitrogen. The ethyl lithium produced in this way was dissolved in benzene, hexane, and diethyl ether. The absorption spectrum of the dissolved ethyl lithium was recorded by means of a single-beam infrared spectrometer with an NaCl prism. The spectrum of the ethyl lithium dissolved in benzene is shown by a diagram. The authors investigated also the ratio of optical densities of the C_2H_5Li-absorption bands at 2 concentrations in order to find out whether the ethyl lithium molecules are associated in the

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

307/20-124-4-40/67

The Infrared Spectra of the Absorption of Ethyl Lithium Dissolved in Benzene, Hexane, and Diethyl Ether

benzene solution. The frequencies 1104 and 1054 cm^{-1} are probably connected with the valence oscillations of C-C-Li of the free molecule, but the frequencies 968 and 926 cm^{-1} may be ascribed to the oscillations of C-C-Li of associated molecules. Comparisons are made with the results obtained by other authors. The second diagram shows the absorption spectrum of the C_2H_5Li absorbed in hexane, and in this case the same absorption bands are found as in benzene. A further curve shows the spectrum of ethyl lithium dissolved in diethyl ether. Also in this case the absorption of the solvent was eliminated. A comparison of the C_2H_5Li spectra in benzene and ether shows that the position and the number of absorption bands in the dissolution of ethyl lithium in ether changes considerably. These changes are probably due to the formation of associates of ethyl lithium ether. The authors furthermore investigated the absorption spectrum of C_2H_5Li, which was dissolved in benzene with an addition (7%) of diethyl ether. Also in this case the aforementioned absorption bands are observed. Finally, the absorption spectrum of C_2H_5Li was

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

The Infrared Spectra of the Absorption of Ethyl Lithium Dissolved in Benzene, Hexane, and Diethyl Ether SOV/20-124-4-40/67

investigated, which was dissolved in dioxane. According to the results obtained by these experiments C_2H_5Li enters into chemical reaction with dioxane at room temperature. The authors thank A. A. Korotkov forproposing the subject and M. V. Vol'kenshteyn for his useful advice. There are 1 figure and 7 references, 6 of which are Soviet.

ASSOCIATION: Institut vysokomolekulyarnykh soyedineniy Akademii nauk SSSR (Institute for High-molecular Compounds of the Academy of Sciences, USSR)

PRESENTED: September 23, 1958, by A. N. Terenin, Academician

SUBMITTED: September 17, 1958

Card 3/3

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

KOKOTKOV, A.A.; RAKOVA, G.V.

Copolymerization of isoprene and styrene in the presence of butyllithium. Vysokom.soed. 3 no.10:1482-1490 O '61. (MIRA 14:9)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.
(Isoprene) (Styrene) (Polymerization)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

ROMANOV, L.M.; VERKHOTUROVA, A.P.; KISSIN, Yu.V.; RAKOVA, G.V.

Polymerization of 1,5-heptadiene on complex catalysts. Vysokom. soed. 5 no.5:719-723 My '63. (MIRA 17:3)

1. Institut khimicheskoy fiziki AN SSSR.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001344

[illegible], [illegible] and [illegible], [illegible] (Inst of High-Molecular Compounds AS USSR)

"Synthesis of Isoprene Tagged With C^{14}"

Isotopes and Radiation in Chemistry, Collection of papers of 2nd All-Union Sci. Tech. Conf. on Use of Radioactive and Stable Isotopes and Radiation in National Economy and Science, Moscow, Izd-vo AN SSSR, 1958, 380pp.

This volume published the reports of the Chemistry Section of the 2nd AU Sci Tech Conf on Use of Radioactive and Stable Isotopes and Radiation in Science and the National Economy, sponsored by Acad Sci USSR and Main Admin for Utilization of Atomic Energy under Council of Ministers USSR Moscow 4-12 Apr 1957.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013441