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Begin
#442

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L 20931-66 EWT(d)/EWT(l)/EWT(m)/EWP(f)/T-2/ WW

ACC NR: AP6002575 (A) SOURCE CODE: UR/0286/65/000/023/0069/0070

AUTHORS: Zaslavskiy, Ye. G.; Portnoy, V. I.

ORG: none

28

B

TITLE: Device for starting internal combustion engines. Class 47, No. 176748

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 23, 1965, 69-70

TOPIC TAGS: engine starter system, internal combustion engine component

ABSTRACT: This Author Certificate presents a device for starting internal combustion engines. The device contains a storage battery, an electric motor used as a starter, and an actuating unit consisting of a system of relays and contacts. This system connects the fuel and oil pump motors to the storage battery and subsequently switches the electric motor into the generator mode (see Fig. 1). To increase the reliability of starting, one of the coils of a double-coil relay is connected in the actuating unit circuit. This coil locks with the activation of the second coil of the relay as a result of the activation of the

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L 20931-66

ACC NR: AP6002575

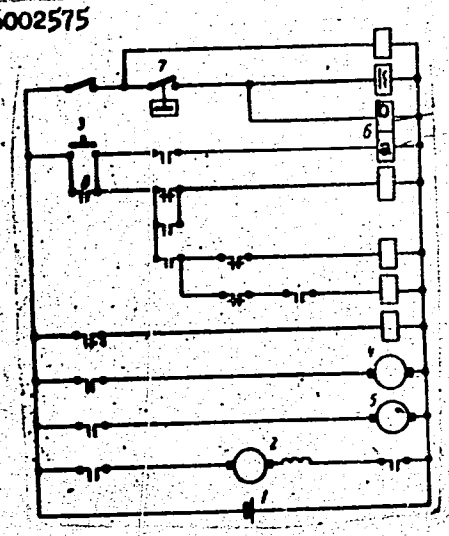

Fig. 1. 1 - storage battery; 2 - electric motor; 3 - actuating unit; 4 - fuel pump motor; 5 - oil pump motor; 6 - double-coil relay; 7 - oil pressure relay; a - locking coil; b - unlocking coil.

oil pressure relay. Orig. art. has: 1 diagram.

SUB CODE: 21/ SUBM DATE: 03Oct64

Card 2/2 ULR

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

ZASLAVSKIY, Yefim Grigor'yevich, inzh.; PORTNOY, Vladimir Isaakovich, inzh.; KOSHEVOY, Vladimir Ivanovich, inzh.; DUBROVSKIY, Vladimir Zakharovich, inzh.; KESAREV, A.P., inzh., retsenzent; STREL'NIKOV, S.V., inzh., retsenzent; MEL'NIKOV, V.Ye., red.

[Repair of TE10 diesel locomotives in the roundhouse] Remont teplovozov TE10 v depo. Moskva, Transport, 1965. 90 p. (MIRA 18:2)

1. Khar'kovskiy teplovozostroitel'nyy zavod imeni V.A.Malysheva (for Zaslavskiy, Portnoy, Koshevoy, Dubrovskiy).

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

KOGAN, L.B.; NOVIKOV, I.I.; ZOLOTOREVSKIY, V.S.; GORBUL'SKIY, G.F.; PORTNOY, V.K.

Shrinkage cracks during iron casting in metal molds. Lit.proizv. no.4: 32-34 Ap '63. (MIRA 16:4)
(Die casting) (Thermal stresses)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

NOVIKOV, I.I.; ZOLOTOREVSKIY, V.S.; PORTNOY, V.K.

Position of the hot shortness maximum in eutectic-type binary systems. Alium. splavy no.1:114-121 '63. (MIRA 16:11)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNOY, V.M. (Dnepropetrovsk, prosp.Pushkina, d.25/27, kv.3)

Late results of the treatment of acute intestinal invagination in children. Nov. khir. arkh. no.12:48-54 D '61. (MIRA 14:12)

1. Kafedra khirurgii detskogo vozrasta (zav. - prof. A.D.Khristich) Dnepropetrovskogo meditsinskogo instituta na baze 3-y detskoy klinicheskoy bol'nitsy.
(INTESTINES--INTUSSUSCEPTION) (CHILDREN--DISEASES)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNOI, V.M.

Diagnostic value of pneumoroentgenography of the large intestine in ileocecal invaginations in children. Vest. rent. i rad. 40 no.1:15-20 Ja-F '65. (MIRA 18:6)

1. Kafedra khirurgii detskogo vozrasta (zav.-prof. A.D. Khristich) Dnepropetrovskogo meditsinskogo instituta na baze detskoy bol'nitsy No.3 (glavnyy vrach L.V. Volkova).

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNOY, V.M. (Dnepropetrovsk, Filosofskaya ul., d.3, kv.1)

Treatment of intestinal invaignation by air inflation. Vest.khir. 89 no.11:93-100 N '62. (MIRA 16:2)

1. Iz kafedry khirurgii detskogo vozrasta (zav. - prof. A.D. Khristich) Dnepropetrovskogo meditsinskogo instituta (dir. - doktor med.nauk - N.Ya. Khoroshmanenko) na baze 3-y detskoy klinicheskoy bol'nitsy (glavnyy vrach - L.V. Volkova).
(INTESTINES--INTUSSUSCEPTION) (AEROTHERAPY)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

KUZNETSOV, L.V., inzh., red.; PORTNOY, Z.S., red.

[High-torque hydraulic engines] Vysokomomentnye gidromotory. Moskva, Vses. nauchno-issl. in-t pod"emno-transportnogo mashinostroeniia, 1962. 109 p. (MIRA 17:7)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

L 04176-67 EWT(m)/EWP(w)/T/EWP(t)/ETI IJP(c) JD/HW/JG/WB

ACC NR: AT6027302 (N) SOURCE CODE: UR/2817/66/015/000/0047/0055

AUTHOR: Portnoy, V. K.; Zakharov, M. V.; Novikov, I. I.

ORG: none

TITLE: The nature of embrittling temperature zones in high temperature alloys of the copper-nickel-beryllium system

SOURCE: Akademiya nauk Kazakhskoy SSR. Institut metallurgii i obogashcheniya. Trudy, vol. 15, 1966. Prevrashcheniya v splavakh tsvetnykh metallov v tverdom sostoyanii (Transformations in nonferrous metal alloys in a solid state), 47-56

TOPIC TAGS: high temperature metal, copper alloy, mechanical property, ductile material, brittle point, metallographic examination, grain structure, temperature dependence, oxidation resistance

ABSTRACT: High temperature brittleness was studied in the Cu-Ni-Be system. Two alloys containing 0.5 and 2 wt % NiBe were produced and their mechanical and physical properties were determined in the cast condition and after rolling in the annealed, quenched, and aged conditions. In order to determine whether intercrystalline oxidation was the cause of high temperature embrittlement, tests were conducted both in air and vacuum ($3 \cdot 10^{-4}$ mm Hg). The relative elongation was given as a function of temperature up to 900°C. In the cast alloys, embrittlement occured in the 400-600°C range whether or

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L 04176-67

ACC NR: AT6027302

not testing was done in a vacuum; in fact the alloy with 0.5% NiBe had a higher ductility when tested in air. Microscopic analysis showed that the cast alloys had a single phase structure at room temperature, similar to quenched alloys, as a result of strong supersaturation upon cooling. When the test temperature was increased to 500°C, microstructural changes began to occur: the grain boundaries thickened and second phase particles began to appear within the grains. A wide two-phase region was observed at the grain boundaries in samples tested at 700°C, while at 860°C precipitation occured in the body of the grains. The fracture appearance in the brittle zone was primarily intercrystalline. The electroconductivity, measured as a function of temperature, increased in a slope at about 500°C, indicating a rise in precipitation. Changes in microhardness between the center and boundary of the grain were greatest in the brittle zone. In the 2% NiBe alloy, after annealing at 960°C for 2 hrs and step cooling to prevent supersaturation, a minimum in ductility also occured although it was much higher than for the cast condition. Metallography showed that in the annealed alloy the fractures were transcrystalline, with the cracks being initiated at the grain boundaries. X-ray analysis gave the lattice parameter for different cooling conditions and showed that a supersaturated solid solution could form even for air cooling at 20 deg/min. By slow furnace cooling at 1 deg/min the lattice parameter approached that of pure copper; however, the significance of supersaturation with regard to high temperature brittleness could not be rationalized. Tests done on the 2% NiBe alloy in both air and vacuum after cooling as slow as 0.03 deg/min still showed a ductility minimum at 500°C. Orig. art. has: 9 figures, 1 table.

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 010/ OTH REF: 001

Card 2/2 LC

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNOY, Ye.N.

Problems in the theory and practice of business accounting.
Trudy Tbil. gos. ped. inst. 14:127-146 '59. (MIRA 15:3)
(Accounting)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

ROZOVSKIY, R.S., inzh., red.; PORTNOY, Z.S., nauchn. red.

[New and proposed hoisting and conveying machines and mechanisms] Novye i perspektivnye pod"emno-transportnye mashiny i mekhanizmy. Moskva, Nos.2-3. 1960. 237 p. (MIRA 16:11)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut pod"yemno-transportnogo mashinostroyeniya.
(Hoisting machinery) (Conveying machinery)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

6 (4) SOV/107-59-3-33/52

AUTHOR: Portnyagin, A. (UA9CC)

TITLE: Telegraph Keying of Amateur Transmitters (Telegrafnaya manipulyatsiya lyubitel'skikh peredatchikov)

PERIODICAL: Radio, 1959, Nr 3, pp 38 - 39 (USSR)

ABSTRACT: For keying amateur telegraph transmitters any of the following methods will show good results if properly applied. Figures 1 thru 7 show the different possible keying circuits: 1) anode keying circuits for a) a tube with an indirectly heated cathode, b) a tube with a directly heated cathode, c) anode-screen keying; 2) screen keying; 3) pentode keying; 4) grid keying; 5) cathode keying; 6) cathode keying by a separate keying tube; and 7) screen keying of the master oscillator stage with application of an electronic relay. For the proper functioning of a transmitter, careful tuning of the keying circuit is required

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

DANILYUK, V.A.; ZHUKOV, V.N.; PANOV, G.I.; KUTSENKO, G.L.; LUGOVETS, V.A.; NEKHONOV, N.A.; PORTNYAGIN, A.I.; RECHKIN, L.A.; SEREGIN, V.P.; SIVTSOV, V.P.; KHOLODNOV, Yu.I.; MEL'NIKOV, V.V., kand.tekhn.nauk, red.; KOZULIN, B., red.; CHERNIKHOV, Ya., tekhn. red.

[Radio amateur's handbook]Spravochnik radioliubitelia. Sverdlovsk, Sverdlovskoe knizhnoe izd-vo, 1962. 838 p. (MIRA 15:8)

(Radio--Handbooks, manuals, etc.)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

BILICHEVA, G.I.; PORTNYAGIN, E.A.

Recent data on the Jurassic stratigraphy of the western part of the upper Amur Valley. Dokl. AN SSSR 152 no.3:684-686 S '63. (MIRA 16:12)

1. L'vovskiy gosudarstvennyy universitet im. I.Franko. Predstavleno akademikom A.L.Yanshinym.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

MISNIK, Yu.F.; PORTNYAGIN, E.A.

Permian and Jurassic graben-synclines of the Mongolian-Okhotsk deep fault (eastern Transbaikalia and the upper Amur Valley). Visnyk L'viv.un. Ser.geol. no.1:45-51 '62. (MIRA 16:7)
(Transbaikalia--Geology, Structural)
(Amur Valley--Geology, Structural)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

LAVRENKO, Ye.I.; PORTNYAGIN, E.A.

Local metamorphism in one of the sections of the eastern wing of the Anikinskoye highland (upper Amur Valley). Vest. L'vov. un. Ser. geol. no.2:84-88 '64. (MIRA 19:1)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

GORZHEVSKIY, D.I.; PORTNYAGIN, E.A.

Interrelationship of Paleozoic and Jurassic structures in Transbaikalia and the upper Amur Valley. Izv.vys.ucheb.zav.; geol. i razv. 6 no.11:13-22 N '63. (MIRA 18:2)

1. L'vovskiy gosudarstvennyy universitet im. Iv.Franko.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGIN, E.A.

Mesozoic and Cenozoic history of the development of the Mongolian-Okhotsk deep fault in the western part of the upper Amur Valley. Izv.vys.ucheb.zav.; geol.i razv. 5 no.1:24-30 Ja '62. (MIRA 15:2)

1. L'vovskiy gosudarstvennyy universitet imeni Iv.Franko.
(Amur Valley--Faults (Geology))

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGIN, E.A.; MOSKALENKO, Z.D.

Role of deep faults in the Mesozoic structure of the upper Amur Valley. Geol.sbor. [Lvov] no.9:94-107 '65.

(MIRA 18:12)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

GOROKHOV, D.I.; GOVORUKHIN, A.P.; SMELAYA, T.V.; PSHENICHNAYA, A.M.; ZAYTSEVA, M.B.; Prinimali uchastiye: KALASHNIKOV, N.V.; PLAKSINA, A.I.; PORTNYAGIN, I.I., otv.red.; ROGOVSKAYA, Ye.G., red.; VOLKOV, N.V., tekhn.red.

[Agroclimatic reference book on Tambov Province] Agroklimaticheskii spravochnik po Tambovskoi oblasti. Leningrad, Gidrometeor.izd-vo, 1959. 123 p. (MIRA 13:2)

1. Kursk. Gidrometeorologicheskaya observatoriya. 2. Upravleniye gidrometsluzhby TSentral'no-Chernozemnykh oblastey (for Gorokhov, Govorukhin, Smelaya, Pshenichnaya, Zaytseva).
(Tambov Province--Crops and climate)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

GOVORUKHIN, A.P.; SMELAYA, T.V.; PSHENICHNAYA, A.M.; ZAYTSEVA, M.B.
Prinimali uchastiye: KALASHNIKOV, N.V.; PLAKSINA, A.I.; DOLGOSHOV, V.M., starshiy nauchnyy sotrudnik. PORTNYAGIN, I.I., otv.red.; MIRONENKO, Z.I., red.; VOLKOV, N.V., tekhn.red.

[Agroclimatic manual for Lipetsk Province] Agroklimaticheskii spravochnik po Lipetskoi oblasti. Leningrad, Gidrometeor.izd-vo, 1960. 94 p. (MIRA 14:1)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gidrometeorologicheskoy sluzhby. Upravleniye gidrometeorologicheskoy sluzhby TSentral'no-Chernozemnykh oblastey. 2. Upravleniye gidrometsluzhby TSentral'no-Chernozemnykh oblastey (for Govorukhin, Smelaya, Pshenichnaya, Zaytseva). 3. Institut geografii Akademii nauk SSSR (for Dolgoshov).
(Lipetsk Province--Crops and climate)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

GOVORUKHIN, A.P.; PSHENICHNAYA, A.M.; SMELAYA, T.V.; ZAYTSEVA, M.B.; Prinimali uchastiye: KALASHNIKOV, N.V.; PLAKSINA, A.I.; DOLGOSHOV, V.I., starshiy nauchnyy sotrudnik. PORTNYAGIN, I.I., otv.red.; ROGOVSKAYA, Ye.G., red.; BRAYNINA, M.I., tekhn.red.

[Agroclimatic reference book on Orel Province] Agroklimaticheskii spravochnik po Orlovskoi oblasti. Leningrad, Gidrometeor.izd-vo, 1960. 91 p. (MIRA 13:11)

1. Kursk. Gidrometeorologicheskaya observatoriya. 2. Upravleniye gidrometsluzhby tsentral'no-chernozemnykh oblastey (for Govorukhin, Pshenichnaya, Smelaya). 3. Institut geografii AN SSSR (for Dolgoshov).
(Orel Province--Crops and climate)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGIN, Ivan Ivanovich; MERKUR'YEV, V.I., red.; BARANOV, I.A., tekhn. red.

[Scouts of the future; ordinary days of a group of communist labor] Razvedchiki budushchego; budni odnogo kollektiva kommunisticheskogo truda. Murmansk, Murmanskoe knizhnoe izd-vo, 1960. 33 p. (MIRA 14:11)

(Monchegorsk--Nickel industry)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGIN I.

THE ANOMALOUS CHANGE OF THE ELECTRIC RESISTIVITY OF THE Ni_3Mn ALLOY IN THE MAGNETIC FIELD. A. Komar and I. Portnyagin (S. M. Kirov Ural Indust. Inst., Sverdlovsk). Doklady Akad. Nauk S.S.S.R. 60, 569-70 (1948).--
The relative changes of the elec. resistance r in a longitudinal and in a transverse magnetic field H were detd. for alloys Ni 75.6 Mn 24.3 at . %, quenched after annealing at temps. between 700 and 250°, which corresponds, resp., to completely disordered and to completely ordered condition. Depending on its degree of order, this alloy changes its spontaneous magnetization and its Curie temp. (K. and Volkenshtein, J. Exptl. Theoret. Phys. (U.S.S.R.) 11, 723 (1941)). In the unordered state, the shapes of the curves of $\Delta r_{//}/r$ and $\Delta r_{\perp}/r$ as functions of H, at 293 and at 77°., are analogous to those of pure Ni in the neighborhood of tje Curie point (Englert, C.A. 26, 3153). In the ordered state, at 293°K., both $\Delta r_{//}/r$ and $\Delta r_{\perp}/r$ are neg., have close values throughout, and increase (in abs. value) with increasing H along practically the same curve. At intermediate degrees of order, $\Delta r_{//}/r$ changes its sign at a definite H, depending on the degree of order.

N. Thon

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PORTNYAGIN, I.

537.312.67 : 669.018

1033. Electric resistance of the alloy Cu_3Pd in a transverse magnetic field and the further ordering of its atoms. KOMAR, A. AND PORTNYAGIN, I. *Dokl. Akad. Nauk, SSSR*, 60 (*No.* 3) 365–6 (1948) *In Russian.*—Cu_3Pd belongs to the ordered alloys. In the ordering process of the atoms of the phase components the electric resistance ρ of the alloy and its Hall constant R decrease sharply. This is due to changes in the electron spectrum of the lattice and in the conditions of interaction with the lattice ions. It thus should be expected that the relative variation of the resistance in a transverse magnetic field would change non-trivially (i.e. not $\propto 1/\rho^2$) as the ordering proceeds. The authors investigated $\Delta r_\perp/r$ for the ordered and disordered states of the alloy at room temperature and at the boiling point of N in fields of intensities up to 28 kilo-oersted. An approximate equilibrium condition of order was attained after 660 hr of gradual annealing from 500° to 250°C. In the ordered state the relation between $\Delta r_\perp/r$ and H was the normal one; $\Delta r_\perp/r = c(H/\rho)^2$. It was found that c decreased with lowered degree of ordering. Experimental data indicate that the steps of proceeding order are roughly $\propto$ tempering temperature. The measurements at high magnetic intensities in the disordered state proved to be more difficult. Still, it was possible to estimate that $\Delta r_\perp/r$ in the ordered state is ~250× larger than in the state of disorder. B. F. K.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

May 1948

USSR/Metals
Nickel Alloys
Resistance, Electrical

"Anomalous Variation of Electrical Resistance in Ni_3Mn Alloy in a Magnetic Field," A. Komar and I. Portnyagin, Ural Industrial Inst imeni S. M. Kirov, Ural Affiliate, Acad Sci USSR, 2 pp

"Dok Ak Nauk SSSR" Vol LX, No 4

Peculiarity of Ni_3Mn is that spontaneous magnetivity and Curie temperature depend on heat treatment. Readings for resistance variation for both alloys were obtained for temperatures of 77° and 293° (centigrade absolute). Strength of magnetic field was varied from 0 to 20 kOe. Results, shown graphically, are difficult to reconcile with M. S. Akulov's theory. Submitted 24 Feb 1948.

77187

PORTNYAGIN, I.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

"Electrical Resistance of the Alloy Cu_3Pd in the transverse magnetic field and remote arrangement of atoms," Reports of the AS USSR, Vol. 60, No. 3, 1948.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

GERMAYZE, E.Z.; SHVARTS, V.S.; KAN, I.L.; PORTNYAGIN, I.I.; MYACHIN, I.K., retsenzent; KOLTUNOVA, M.P., red.; USENKO, L.A., tekhn. red.

[Moscow-Leningrad-Murmansk; railroad guide]Moskva - Leningrad - Murmansk; zhelezrodorozhnyi putevoditel'. Moskva, Transzheldorizdat, 1962. 190 p. (MIRA 16:3)

(Railroads--Guides)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

GRABOWSKI, J.; PORTNYAGIN, J.I.

On the Coulomb mechanism of the nuclear disintegration.
Acta physica Pol. 24 no.1:115-119 Jl'63.

1. Joint Institute of Nuclear Research, Dubna 2. Institute of Nuclear Physics, Krakow (for Grabowski).

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

BURDIN, G., inzh.; PORTNYAGIN, S.

Some potentialities of the carrying capacity of the Black Sea merchant ships. Mor. flot 23 no.1:5-6 Ja '63. (MIRA 16:4)

1. Gosudarstvennyy proyektno-konstruktorskiy i nauchno-issledovatel'skiy institut morskogo transporta (for Burdin).
(Black Sea--Merchant ships--Cargo)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGIN, S., starshiy kapitan-nastavnik

Advantages and ways of organizing cargo transshipment in ports by means of railroad car interchange pools. Mor.flot 21 no.2:4-7 F '61. (MIRA 14:6)

1. TSentral'nyy nauchno-issledovatel'skiy institut ekonomiki i ekspluatatsii vodnogo transporta.
(Cargo handling)
(Harbors)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGIN, S. [Portniahin, M.S.], inzh.

Three-section barn with upper level compartment for storing corn. Sil'.bud. 7 no.6:12-13 Je '57. (MIRA 13:3)
(Corn(Maize)--Storage)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGIN, S.

Insufficient use of the loading capacity of dry cargo freighters. Mor.flot 23 no. 12:10-11 D '63. (MIRA 17:5)

1. Glavnyy spetsialist otdela ekspluatatsii morskogo flota i portov Gosudarstvennogo proyektno-konstruktorskogo i nauchno-issledovatel'skogo instituta morskogo transporta Ministerstva morskogo flota Soyuza SSSR.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGIN, S.

Improve indices of the plan for cargo handling operations in harbors. Mor. flot 22 no.2:10-12 F '62. (MIRA 15:4)

1. Glavnyy spetsialist Gosudarstvennogo instituta po proyektirovaniyu morskikh portov i sudoremontnykh predpriyatiy.
(Cargo handling--Costs)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGIN, S.

POVALYAYEV, N., inzh.; PORTNYAGIN, S., inzh.

Basic principles of establishing wage schedules for merchant marine personnel. Mor. flot 18 no.2:2-4 F '58. (MIRA 11:2)

1. TSentral'nyy nauchno-issledovatel'skiy institut ekonomiki i ekspluatatsii vodnogo transporta.
(Merchant seamen--Salaries, pensions, etc.)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGIN, P.

Three years of the new kind of work. Obshchestv.pit. no.8: 3-4 Ag '59. (MIRA 12:12)

1. Zaveduyushchiy stolovoy No.44, Leningrad.
(Leningrad--Restaurants, lunchrooms, etc.)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGIN, S., inzh.

Casings for erecting hollow-brick walls of corn-drying barns.
Sil'. bud. 7 no.7:5-6 Jl '57. (MIRA 12:11)
(Walls)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGIN, V.D.; MIKHAYLOV, N.V.

Characteristics of bitumen heating in the AB3 cauldron and the intensification of the process. Avt.dor. 27 no.12:17-18 D '64. (MIRA 18:2)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGIN, V.D.; MIKHAYLOV, N.V.

Effect of vibration on the rheological properties of bitumens. Dokl. AN SSSR 161 no.4:893-895 Ap '65. (MIRA 18:5)

1. Institut fizicheskoy khimii AN SSSR. Submitted September 23, 1964.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

L 28892-66 EWT(1)/FCC GW

ACC NR: AP6018050 SOURCE CODE: UR/0020/66/168/003/0543/0546

AUTHOR: Lebedinets, V. N.; Portnyagin, Yu. I.

ORG: Institute of Applied Geophysics (Institut prikladnoy geofiziki)

TITLE: The mechanism of crushing small meteors in the atmosphere

SOURCE: AN SSSR, Doklady, v. 168, no. 3, 1966, 543-546

TOPIC TAGS: meteoric path, meteoric brightness, thermal flux, radiant, upper atmosphere

ABSTRACT: Photographs revealed a series of properties of weak meteors, including path shortening, a rapid increase in brightness near the appearance point, and an anomalous braking increase in the path. These properties have been explained by the porous structure of the meteors and a hypothesis of porosity is not necessary. During the collision of a meteor with air molecules the energy is uniformly distributed on the surface of a rotating spherical meteor. The density of the thermal flux depends upon the time, the coefficient of thermal transfer, the velocity of the meteor, and the zenithal distance of the radiant. Thermal conductivity formulas were developed and their solution made it possible to determine the quantity of matter evaporated from the meteor

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

L 28892-66

ACC NR: AP6018050

surface. The density of the upper atmosphere may be determined by equating the energy spent for evaporation with that computed with these formulas. When the radius of the body is small, the meteor is rapidly heated throughout, and at a certain height it burns and is deformed in the melted state. Taking the Weber number for the stability of a liquid droplet into consideration, the critical Weber number We_0 for a viscous liquid is found to be about 6.5. When the Weber number of the droplet is greater than the critical value, no droplet crushing occurs. The boundary value of the initial radius of a stable droplet is determined and this radius determines the possibility of crushing. The possibility of crushing is discussed for many cases. Big meteors crush at the height of intense evaporation and the droplets separated from the meteor can be further crushed when they are not stable. Orig. art. has: 1 figure and 17 formulas. [EG]

SUB CODE: 03, 04/ SUBM DATE: 10May65/ ORIG REF: 004/ OTH REF: 006

ATD PRESS: 5006

Card 2/2 CO

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

L 09097-67 EWT(1) GW

ACC NR: AP7002346 SOURCE CODE: UR/0203/66/006/004/0712/0716

AUTHOR: V. N. Lebedinets and Yu. I. Portnyagin

ORG: Institute of Applied Geophysics (Institut prikladnoy geofiziki)

TITLE: Initial radius of an ionized meteor trail

SOURCE: Geomagnetizm i aeronomiya, v. 6, no. 4, 1966, 712-716

TOPIC TAGS: meteor trail, meteor

ABSTRACT: The initial radius of an ionized meteor trail has been computed, taking into account the dependence of the effective diffusion cross sections of meteors atoms in the atmosphere on the velocity of the meteor. Since the initial expansion of the trail occurs for the most part due to the first several paths of the evaporating particles, the authors consider the contribution of the individual paths to the initial radius. The derived values of the initial radius R_{in} satisfy the condition 0.93 R_{in} , where is the length of the free path of the evaporating particles for a given meteor velocity. The computed values of the initial radius made at Khar'kov, Kiev and Jodrell Bank. Orig. art. has: 3 figures and 21 formulas. [JPRS: 37,931]

SUB CODE: 03 / SUBM DATE: 26Jul65 / ORIG REF: 005 / OTH REF: 006

Card 1/1 net UDC: 523.53

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

FAVORSKAYA, T.A.; PORTNYAGIN, Yu.M.

Synthesis of β-oxides of the acetylene series. Zhur.ob.khim. 34 no.2: 699-700 F '64. (MIRA 17:3)

1. Leningradskiy gosudarstvennyy universitet.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

FAVORSKAYA, T.A.; PORTNYAGIN, Yu.M.

Synthesis of enyne hydrocarbons starting from acetylenic β-glycols. Zhur. ob. khim. 33 no.8:2792 Ag '63. (MIRA 16:11)

1. Leningradskiy gosudarstvennyy universitet.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

FAVORSKAYA, T.A.; PORTNYAGIN, Yu.M.

Conversions of acetylenic β-glycols. Part 3: Interaction of 3,5-dimethyl-1-hexyne-3,5-diol and 3,4-dimethyl-1-hexyne-3,5-diol with concentrated sulfuric acid at low temperature. Zhur.ob.khim. 32 no.7:2122-2127 Jl '62. (MIRA 15:7)

1. Leningradskiy gosudarstvennyy universitet.
(Glycols) (Sulfuric acid)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

FAVORSKAYA, T.A.; PORTNYAGIN, Yu.M.

Transformations of B. glycols of the acetylene series. Part 5: Synthesis of glycol chloroacetates and study of their reactions with alkalies. Zhur. ob. khim. 35 no.3:435 439 Mr '65. (MIRA 18:4)

1. Leningradskiy gosudarstvennyy universitet.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

FAVORSKAYA, T.A.; PORTNYAGIN, Yu.M.

Transformations of β, glycols of the acetylene series. Part 6: Effect of relative position of the functional groups of molecules of chlorethers of acetylenic B-glycols on their reaction with alkalies. Zhur. ob. khim. 35 no.3:440-442 Mr '65.

(MIRA 18:4)

1. Leningradskiy gosudarstvennyy universitet.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

SHKREBTA, G.P. [Shkrebta, H.P.]; KRAYUSHKIN, V.A. [Kraiushkin, V.O.]; PORTNYAGINA, L.A. [Portniahina, L.O.]

Spores and pollen in the oils of the Carpathian oil fields. Dop. AN URSR no.6:746-748 '65. (MIRA 18:7)

1. Institut geologii i geokhimii goryuchikh iskopayemykh AN UkrSSR.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGINA, L.A.

Possibility of the division of the Upper Cretaceous and Paleogene flysh of the Soviet Carpathians according to the data of spore pollen analysis. Dokl. AN SSSR 159 no.4:814-816 D '64 (MIRA 18:1)

1. L'vovskiy gosudarstvennyy universitet imeni I. Franko. Predstavleno akademikom D.V. Nalivkinym.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGINA, L.A.; SHCHERBA, V.M.

Spore-pollen complexes of the Upper Cretaceous and Paleogene flysch of the Beregovaya Skiba in the Carpathians. Vest. L'vov. un. Ser. geol. no.2:41-43 '64. (MIRA 19:1)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGINA, M.I.; MURASHKIN, K.P.

Improved supplying in rolled metal. Stal' 16 no.10:921-924 O '56. (MIRA 10:9)

1. Ural'skiy filial Akademii nauk SSSR i Sverdlovskaya kontora Glavmetallosbyta Ministerstva chernoy metallurgii SSSR.
(Rolling mills)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGINA, M.I.

Rationalizing the Supply of Metal Rolled Products. M. I. Portnyagina and K. P. Murashkin. (*Stal'*, 1956, (10), 921–924). [In Russian]. Examples of the extent to which unnecessary transport of rolled steel occurs in the Soviet union are given and far greater decentralization is recommended. This, it is claimed, would enable users' requirements to be supplied more exactly, and a more equitable distribution of supplies between customers to be achieved with less transport. The present centralized organization Glavmetalloshyt, with its forty branches throughout the Union, is considered unequal to its proper tasks. Typical transport costs per ton of various types of steel in the U.S.S.R. are given.—S. K.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGINA, V. A.

Alkylation of benzoic acid and 2-naphthol by alkyl-2-naphthyltriazines. V. Ya. Pochinok and V. A. Portnyagina (T. G. Shevchenko State Univ., Kiev). *Ukrain. Khim. Zhur.* 18, 631-4(1952)(in Russian).—Reaction of RMgX with 2-naphthylazide gave: *2-$C_{10}H_7NHN:NMe$* (I), m. 86.5-7.5°; *Et analog* (II), m. 67-8°; *Pr analog* (III), m. 80.5-1.5°; *Bu analog* (IV), m. 61-2°; *iso-Am analog* (V), m. 69-70°; *allyl analog* (VI), m. 83-4°. Soln. of 5 g. I and 3.3 g. BzOH in abs. Et_2O leads to gas evolution and after standing overnight the mixt. yields 81% BzOMe. II gave 76% BzOEt. III gave 71% BzOPr. IV gave 77% BzOBu. V gave 70% BzOAm-*iso*. VI gave 68% BzO-$CH_2CH:CH_2$. Mixing 5 g. I and 3.9 g. 2-$C_{10}H_7OH$ in C_6H_6, followed by standing overnight and heating on steam bath 1 hr. gave 63% *2-MeO$C_{10}H_7$*, b. 272-6°, m. 71-2°; *picrate*, m. 93-4°. II similarly gave 65% *2-EtO$C_{10}H_7$*, m. 37-8°; *picrate*, m. 94-5°. III gave 67% *2-PrO$C_{10}H_7$*, m. 39-40°; *picrate*, m. 74-5°. V gave 56.8% *2-iso-AmO$C_{10}H_7$*, m. 25°; *picrate*, m. 90-1°.

G. M. Kosolapoff

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGINA, V. A.

"Condensation of Carbonyl Compounds With Ortho-Aminophenylmercaptanes." Cand Chem Sci, Kiev State U imeni T. G. Shevchenko, 3 Jan 55. (PU, 23 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

Portnyagina, V. A.

USSR/ Chemistry - Organic chemistry

Card 1/1 Pub. 116 - 12/29

Authors : Ushenko, I. K., and Portnyagina, V. A.

Title : The chemistry of cyanine dyes. Part 11. 3,4-Trimethylenethiacyanines

Periodical : Ukr. khim. zhur. 21/6, 744-749, Dec 1955

Abstract : The derivation of 8-mercaptotetrahydro-1,2,3,4-quinoline through splitting of 3,4-trimethylenebenzthiazolone-2 with alcoholic alkaline is announced. Several new thiacarbocyanine and four styryl dyes were obtained through condensation of quaternary salts with ortho esters of carboxylic acid and p-dimethylaminobenzaldehyde in acetic anhydride or pyridine. It was found that quaternary salts with the trimethylene ring in 3,4 positions are more difficult in condensation with ortho esters than the homologous methylates or ethylates. Absorption maxima were established for all dyes synthesized. Five references: 2 USSR, 1 Eng., 1 USA and 1 Germ. (1931-1955).

Institution : Acad. of Sc., Ukr. SSR, Inst. of Organ. Chem.

Submitted : April 26, 1955

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

Fortynyagina, V. P.

Condensation of o-aminophenyl mercaptans with ketones. A. I. Kiprianov and V. A. Fortnyagina. *J. Gen. Chem. U.S.S.R.* 25, 2223-30(1955)(Engl. translation).—See *C.A.* 50, 9378b. B. M. R.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGINA V. A.

6

Chem

Condensation of o-aminophenylmercaptans with Ketones. A. I. Kiprianov and V. A. Portnyagina (State Univ., Kiev). *Zhur. Obshchei Khim.* 25, 2257-65(1955).—Heating 5 g. o-$H_2NC_6H_4SH$ and 2.8 g. Me_2CO in a sealed tube 1 hr. at 100° gave 76% *2,2-dimethylbenzothiazoline*, m. 45°, b_8 142-3°; *Ag deriv.*, m. 259-60°; *Bz deriv.*, m. 156-7°. Treatment with MeI 1 hr. at 100° gave *2,2,3-trimethylbenzothiazoline*, b_{18} 140°. Similarly, Pr_2CO gave 47% *2,2-dipropylbenzothiazoline*, b_8 186-8° (*Ag deriv.*, decomp. 310°), and AcPh gave 65% *2-methyl-2-phenylbenzothiazoline*, b_{18} 252-5° (*Ag deriv.*, decomp. 264°). Cyclopentanone gave 63% *2,2-tetramethylenebenzothiazoline*, m. 55°; *Ag deriv.*, decomp. 212°; *Bz deriv.*, m. 154-5°. Cyclohexanone gave 66% *2,2-pentamethylenebenzothiazoline*, m. 111-12°; *Ag deriv.*, decomp. 225°; *Bz deriv.*, m. 114°. 1,4-Cyclohexanedione gave *1,1,4,4-bis(benzothiazolinylidene)cyclohexane*, 63%, m. 233-4°; *di-Ag deriv.*, does not decomp. 300°; *di-Bz deriv.*, m. 200-7°. Ac_2CH_2 gave 64% *bis(2-methyl-2-benzothiazolinyl)methane*, b_8 125-7°. Heating o-$MeNHC_6H_4SH$ with Me_2CO 2 hrs. at 100° gave 81% *2,2,3-trimethylbenzothiazoline*, b_{18}

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6

CONDENSATION OF 6 AMINO- . . .

140°. Similarly the following ketones gave analogous products (% yield and phys. consts. given): Et_2CO, 63%, b_8 140–2°; $MePrCO$, —, b_{10} 145–7°; Pr_2CO, 50%, b_3 140–2°; cyclopentanone, 83%, b_{12} 178–80°; cyclohexanone, 73%, b_{10} 166–8°, m. 35°; $AcPh$, 60%, m. 68°; *o*-tolylacetone, 30%, b_8 150–3°; 1,4-cyclohexanedione, 64%, m. 220°; Ac_2CH_2, 30%, b_{10} 150–5°. Me_2CO and 2,5-$H_2N(O_2N)C_6H_3SH$ in 0.5 hr. on a steam bath gave 83% *2,2-dimethyl-6-nitrobenzothiazoline*, m. 130–1°; *Ag deriv.*, decomp. over 300°; *Ac deriv.*, m. 127–8°. Cyclopentanone gave 60% *2,2-tetramethylene-6-nitrobenzothiazoline*, m. 144–5°; *Ag deriv.*, decomp. >30°; *Ac deriv.*, m. 107–8°. *o*-$H_2NC_6H_4SH$ and $EtCH_2CO_2Et$ in 3 hrs. at 100° gave 77% *2-methyl-2-carbethoxymethylbenzothiazoline*, b_{10} 190–2°; *Ac deriv.*, decomp. 227°; *Bz deriv.*, m. 155–6°. The use of the *N*-Me deriv. in this case gave 51% *2,3-dimethyl-2-carbethoxymethylbenzothiazoline*, b_{10} 180–2°. 2,5-$H_2N(O_2N)C_6H_3SH$ and $AcCH_2CO_2Et$ in 0.5 hr. at 100° gave 60% *2-methyl-2-carbethoxymethyl-6-nitrobenzothiazoline*, m. 95°; *Ag deriv.*, decomp. 194–5°. The benzothiazolines are readily cleaved by acids and alkalies; heated above 200°, they give derivs. of benzothiazole. G. M. Kosolapoff

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APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGINA, V.A.; KARP, V.K.

Synthesis of some isothiuronic salts, derivatives of pyrimidine. Report No.1. Ukr. khim. zhur. 31 no.1:83-85 '65. (MIRA 18:5)

1. Ukrainskiy nauchno-issledovatel'skiy sanitarno-khimicheskiy institut.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGINA, V.A.; KARP, V.K.

Synthesis of some isothiuronium derivatives of pyrimidine. Report No.2. Ukr. khim. zhur. 31 no.2:215-219 '65. (MIRA 18:4)

1. Ukrainskiy nauchno-issledovatel'skiy sanitarno-khimicheskiy institut.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PETRUN'KIN, V. Ye.; PORTNYAGINA, V. A.

Sodium 2-(β,γ-dimercaptopropoxy)-ethanesulfonate, an analog of unithiol. Uk. khom. shur. 28 no.6:721-723 '62. (MIRA 15:10)

1. Ukrainskiy nauchno-issledovatel'skiy sanitarno-khimicheskiy institut.

(Propanesulfonic acid)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

POCHINOK, V.Ya. [Pochynok, V.IA.]; PORTNYAGINA, V.A. [Portniahina, V.O.]; SHRUBOVICH, V.A.

Decomposition of aliphatic aromatic triazenes by various acids, phenols and halohydrins. Visnyk Kyiv.un.no.2.Ser.fiz.ta khim. no.1:95-104 '59. (MIRA 14:8)

(Triazene)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGINA-PSHENICHNAYA, L.A.

Diatoms from upper Tortonian sediments from Podgortsy (southwestern margin of the Russian Platform). Geol.sbor. [Lvov] no.7/8:430-440 '61. (MIRA 14:12)

1. Gosudarstvennyy universitet imeni Ivana Franko, L'vov.
(Olesk region--Diatoms)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

TROFIMOVSKAYA, A. Ya.; POPTSOVA, L.T.

Stage development in winter barley. Agrobiologiia no.1:53-56 Ja-F '60. (MIRA 13:5)

1. Vsesoyuznyy institut rasteniyevodstva, Leningrad.
(Barley)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PASSET, B.V.; PORAY-KOSHITS, B.A.

Compliance of aqueous solutions of diazo-compounds with the law of dilution. Zhur.prikl.khim. 33 no.2:496-499 F '60. (MIRA 13:5)

(Diazo-compounds)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGINA, V.A.

Synthesis of mercapto derivatives of N-(n-propyl)-aimeds of acids and some isothiuronium salts. Ukr.khim.zhur. 25 no.1:102-106 '59. (MIRA 12:4)

1. Ukrainskiy nauchno-issledovatel'skiy sanitarno-khimicheskiy institut.

(Thiuronium compounds) (Amides)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYAGINA, V.A.

USSR/Organic Chemistry - Synthetic Organic Chemistry E-2

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4446

Author : Ushenko, I.K. (X.); Ushenko, I.K., Portnyagina, V.A. (XI).

Title : Investigations of the Chemistry of Cyanine Dyestuffs. X. 3,3'-Dicyclohexylthiacyanines. XI. 3,4-Trimethylenethiacyanines.

Orig Pub : Ukr. khim. zh., 1955, 21, No 6, 738-743; 744-749

Abstract : X. To deternine the nature of the effect upon the bathochromic action of phenyl substituents at the N-atoms of thiocarbocyanines (see Communication IX, RZhkhim, 1956, 54493), starting with N-cyclohexyl-o-aminothiophenol (I), and by way of the quaternary salts of benzothiazole (QS), there were synthesized a series of 3,3'-dicyclohexylthiacyanines (D), and also the styryls that are the products of condensation of QS with p-dimethylamino-benzaldehyde.

Card 1/9 - 78 -

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4446

158; ICH of 2-methoxymethyl-benzothiazole (VII), 80, 177; dichlorocyclohexylate of 1,3-dibenzothiazolylpropane (VIII), 61, 162 (decomposes); dichlorocyclohexylate of 1,4-dibenzothiazolylbutane, 53, 169-170 (decomposes). p-Toluenesulfonates of the derivatives of benzothiazole are obtained by heating CCH in water with the Ag-salt of p-toluenesulgonic acid, after removal of AgCl the solution is evaporated, the residue is heated to 120-125° and the QS is thus obtained (listing the QS, yield in %, MP in °C): p-toluenesulfonate of 3-cyclohexyl-2-methyl-benzothiazole (IX), 93, 199; p-toluenesulfonate of 3-cyclohexyl-2-ethyl-benzothiazole (X), 92, 181; di-(cyclohexyl-p-toluenesulfonate)-1,4-dibenzothiazolyl-butane (XI), 90, 147 (decomposes). D are obtained in the usual manner from the QS and the corresponding ortho-esters of carboxylic acids (boiling for 20-40 minutes) in pyridine or acetic anhydride (listing QS, D, yield in %, MP in° C

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

USSR/Organic Chemistry - Synthetic Organic Chemistry E-2

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4446

(decomposition; from alcohol), λ_{max} (mμ): II, 3,3-dicyclohexyl-thiacarbocyanine iodide, 50, 260, 566; X, 3,3'-dicyclohexyl-8,10-dimethyl-thiacarbocyanine perchlorate, 21, 187, 574; p-toluenesulfonate of 3-cyclohexyl-2-methoxymethyl-benzothiazole, 3,3'-dicyclohexul-8,10-dimethoxythiacarbocyanine perchlorate, 42, 201, 610; IX, 3,3'-dicyclohexyl-9-methylthiacarbocyanine iodide, 67, 226, 555; IX, 3,3'-dicyclohexyl-9-ethylthiacarbocyanine perchlorate, 20, 228 (decomposes), 560; VIII, 3,3'-dicyclohexyl-8,10-methylene-thiacarbocyanine iodide, 28, 196, 569; XI, 3,3'-dicyclohexyl-8,10-dimethylene-thiacarbocyanine perchlorate, 50, 221 (decomposes), 617. Styryls are prepared in the usual manner in pyridine or acetic anhydride, the dye is precipitated from aqueous solution with KI or $NaClO_4$ and is recrystallized from alcohol (listing QS, styryl, yield in %, MP in °C (decomposition), λ_{max} mμ): II, iodocyclohexylate of 2-(p-dimethylamino-styryl)-

Card 4/9

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

USSR/Organic Chemistry - Synthetic Organic Chemistry E-2

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4446

of condensation of QS with p-dimethylamino-benzaldehyde. Maxima of absorption (AM) of TC were found to be close to the AM of 3,3'-diethylthiacyanines (RZhKhim, 1956, 54493), while the AM of styryls containing a trimethylene radical in 3,4 position are situated within a region of shorter wave lengths than the AM of the corresponding N-ethyl derivatives. 5 g 3,4-trimethylene-benzothiazolone-2 treated with solution of 8.7 g KOH in 75 ml alcohol (boiling 3 hours), the residue after distillation of the alcohol is dissolved in water and neutralized with HCl, and the I that separates is extracted with ether, yield 59%, BP 139-140°/5-6 mm; hydrochloride, MP 169-170°. QS is obtained by treating benzene solution of I with the corresponding acid chloride. By treating the aqueous solution with KI there is obtained the iodide of the 2-substituted 3,4-trimethylene-benzothiazolium (listing substituent, yield in %, MP °C

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APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

USSR/Organic Chemistry - Synthetic Organic Chemistry E-2

Abs Jour : Referat Zhur - Khimiya, No 2, 1957, 4446

-dimethyl,-, 248, 249 (precipited with ether from alcohol), 575, -; 8,10-diethyl, -, 214 (precipitated with ether from alcohol), 576, -; 8,10-methylene, 14, 290, 570, 13.0; 8,10-dimethylene, -, 288 (decomposes), 598, 14.6. Styryls were also prepared by the usual method, in pyridine or $(CH_3CO)_2O$, perchlorates were separated from aqueous solution with $NaClO_4$ (listing styryl, yield in %, MP in °C (from alcohol), λ_{max} mμ, E_{max} 10^{-4}): 3,4-trimethylene-2-(p-dimethylamino-styryl)-benzothiazolium iodide, 71, 292 (decomposes), 528, 6.0; 3,4-trimethylene-2-(p-dimethylamino-alpha-methylstyryl)-benzothiazolium perchlorate, 74, 187, 468, 2.0; 3,4-trimethylene-2-(p-dimethylamino-alpha-

Card 8/9 - 85 -

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNOY, V.F.

Metal nailing of a double fracture of the leg bones in ankylosis of the knee joint. Khirurgiia 36 no.11:143-144 N '60. (MIRA 13:12)

1. Iz Kurmyshskoy uchastkovoy bol'nitsy Gor'kovskoy oblasti.
(LEG—FRACTURE) (KNEE—DISEASES)
(INTERNAL FIZATION IN FRACTURES)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

BDZHOLA, Dmitriy Kirillovich; YESIPENKO, Ivan Maksimovich; ZVONKOVA, Aleksandra Petrovna; PORTNYAGIN, Veniamin Pavlovich; SMIRNOV, N., otv.red.; NADEZHDINA, A., red.izd-va; TELEGINA, T., tekhn.red.

[Analysis of the administrative operations of industrial enterprises] Analiz khoziaistvennoi deiatel'nosti promyshlennykh predpriiatii. Moskva, Gosfinizdat, 1960. 154 p. (MIRA 13:4)
(Machinery industry--Finance) (Banks and banking)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

5 (3)

AUTHORS: Favorskaya, T. A., Portnyagin, Yu. M., Hsü Ting-yü SOV/79-29-8-14/81

TITLE: Investigation of the Transformation of the β-Glycols of the Acetylene Series. II. Investigation of Transformations of 3,5-Dimethylhexine-1-diol-3,5 and 4,6-Dimethylheptine-2-diol-4,6

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 8, pp 2522 - 2531 (USSR)

ABSTRACT: The authors were faced with the problem whether the dehydration of a β-glycol under formation of an unstable enin alcohol, previously carried out by T. A. Favorskaya and L. A. Pavlova (Ref 1), is of a general character. Therefore, the transformations of glycols (I), (II), and (III) were investigated with respect to the dehydration (Ref 1) mentioned above. In the reaction of compound (I) with diluted hydrochloric and sulphuric acid dehydration results under formation of enin alcohol 3,5-dimethylhexen-3-in-1-ol-5. In the reaction of compound (I) and (II) with sodium and ethyl bromide in liquid ammonia the monoethyl ethers of the glycols, 3,5-dimethyl-3-ethoxyhexin-1-ol-5 and 4,6-dimethyl-4-ethoxyheptin-2-ol-6, result, the hydroxyl

Card 1/3

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

Investigation of the Transformation of the β-Glycols of the Acetylene Series. II. Investigation of Transformations of 3,5-Dimethylhexine-1-diol-3,5 and 4,6-Dimethylheptine-2-diol-4,6 SOV/79-29-8-14/81

adjacent to the triple bond reacting. The first ether yields no precipitate with silver oxide dissolved in ammonia even on heating, in contrast to glycol itself (precipitate of acetylenide). In the reaction of (I) with sulphuric acid in the presence of mercury oxide two products of hydration and dehydration are formed. In the reaction of compound (I) with concentrated hydrochloric acid the dichloride of an allen structure forms, which is proved by its infrared spectrum. In the dehydration of saturated glycol (III) with diluted hydrochloric acid the alcohol 2,4-dimethylhexen-2-ol forms, in the partial cleavage of which methyl-ethyl ketene is separated. In the reaction of compound (II) with diluted sulphuric acid no enin alcohol results, as it decomposes completely into acetone and methyl isopropenyl acetylene. Besides, the simultaneous hydration and dehydration leads to a keto alcohol. There are 9 references, 6 of which are Soviet.

Card 2/3

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

Investigation of the Transformation of the β-Glycols of the Acetylene Series. II. Investigation of Transformations of 3,5-Dimethylhexine-1-diol-3,5 and 4,6-Dimethylheptine-2-diol-4,6 SOV/79-29-8-14/81

ASSOCIATION: Leningradskiy gosudarstvennyy universitet (Leningrad State University)

SUBMITTED: July 16, 1958

Card 3/3

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYKH, B.V.

"V.I.Lenin Combine" is an enterprise of communist labor. Kozh.-obuv.prom. 4 no.2:14-17 F '62. (MIRA 15:4)

1. Direktor kombinata imeni V.I.Lenina, Kirovskaya oblast'.
(Kirov Province--Shoe industry)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYKH, V.M., inzhener. (g.Novosibirsk)

Device for centering pairs of wheels. Zhel.dor.transp.37 no.11:75 N '55. (Locomotives) (Wheels) (MLRA 9:2)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYY, L. Ya.

ONOPRIYENKO, V.P., kand.tekhn.nauk; STARSHINOV, B.N., kand.tekhn.nauk; TKACHENKO, A.A., inzh.; SINITSKIY, V.D., inzh.; FREYDIN, L.M., inzh.; PORTNYY, L.Ya., inzh.

Blast furnace performance at pressures up to 1.1 atm. (differential gage) [with summary in English]. Stal' 17 no.9: 772-778 S '57. (MIRA 10:10)

1.Ukrainskiy institut metallov i zavod im. Voroshilova.
(Blast furnaces)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTNYY, L.YA

133-9-2/23

AUTHOR: Onopriyenko, V.P., Starshinov, B.N., Candidates of Technical Sciences and Trachenko, A.A., Sinitskiy, V.D., Freydin, L.M., Portnyy, L.Ya., Engineers.

TITLE: Operation of a Blast Furnace with 1.1 atm. Top Pressure. (Rabota domennoy pechi s davleniem do 1.1 ati)

PERIODICAL: Stal', 1957, No. 9, pp. 772 - 778 (USSR).

ABSTRACT: The influence of top pressure variation from 0.6 to 1.1 atm. on the operation of a large (1 386 m^3) blast furnace was investigated. The profile of the furnace is shown in Fig.1. Characteristics of burden materials and coke during the individual test periods are given in Tables 1 and 2. Operating factors are given in Table 3. Changes in the distribution of CO_2 along the throat radios in Fig.2, the composition and temperatures of the peripheral and top gas in Fig.3, the pressure drop with the height of the furnace in Fig.4, changes in the gas pressure along the furnace throat radius in Fig.5. Changes in the length of tap hole and furnace-operating indices during various testing periods are given in Tables 4 and 5, respectively. On the basis of experience gained, the following conclusions are drawn: an increase of top pressure from 0.6 to 1.1 atm., contributes to the development of the peripheral flow of gases. In such case, a decrease on the coke charge or an increase in the proportion

Card 1/3

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

133-9-2/23

Operation of a Blast Furnace with 1.1 atm. Top Pressure.

of direct (ore first) charges (with simultaneous dropping of the whole charge) leads to an increase in amount of ore charged to the periphery with a subsequent decrease in the peripheral flow. Static pressure along the furnace height changes lineary. On increasing pressure of gas in the throat from 0.11 atm. to 0.46 atm. and blast volume from 1 400 to 3 400 m^3/min, the blast pressure increased more than that of top gas, while the uniform drop of pressure along the height of the furnace was preserved. On increasing mean gas pressure in the furnace by an appropriate increase in driving rate, the blast pressure increases to the same extent as the pressure of gas in the throat. With a constant blast volume, the pressure of gas in the stack increases to a lesser degree than that in the throat. On transfer to a higher top pressure (1.1 atm.) the blast temperature can be increased by 20 - 50 °C and the driving rate increased by 2-6% (in comparison with operating conditions of a top pressure 0.6 - 0.8 atm). The operation of the furnace becomes smooth, but on decreasing top pressure back to 0.6 - 0.8 atm., the smoothness of the operation deteriorates. On increasing top pressure from 0.8 to 1.1 atm., the output of the furnace increased by 8.3% and the coke rate decreased by 2.9%. On decreasing pressure from 1.1 atm. to 0.6 - 0.8 atm., the output of the furnace decreased by 5.0 - 9.3%

Card 2/3

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

133-9-2/23

Operation of a Blast Furnace with 1.1 atm. Top Pressure.

and coke rate increased by 3.8 - 3.7% (recalculated on equal iron content in the burden). There are 5 tables and 5 figures.

ASSOCIATION: The Ukrainian Institute of Metals (Ukrainskiy Institut Metallov) Works im. Voroshilov (Zavod im. Voroshilova)

AVAILABLE: Library of Congress.

Card 3/3

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTO, D. N.

PORTO, D.N.

New concepts of the principles governing magnetic recording processes. Static fields of the recording unit. Trudy Kom. po akust. no.5:48-66 '50. (MLRA 7:7)
(Magnetic recorders and recording)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

Cand. Technical Sci.

PORTO, D. N.

"Some Problems of the Theory of Magnetic Sound Recording." Sub 8 Mar 51, Moscow Electrical Engineering Inst of Communication

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTOCALA, R.

Electrophoretic studies of the serum of people with epidemic hepatitis. R. Portocala and O. Moscovici. *Comun. acad. rep. populare Romine* 6, 727-32(1956).—Electrophoretic examns. of serums from 25 patients with epidemic hepatitis showed an increase in α- and β-globulins but a decrease in albumin. The albumin/globulin ratio was decreased. No relation between the form of the disease and the concn. of different protein fractions in the serum of the patients could be established. Emanuel Merdinger

2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTOCALA, R.

PORTOCALA, R. and others. The technique of obtaining fine sections for electron microscopy. p. 845. Vol. 6, no. 6, June 1956. COMUNICARILE. Bucuresti, Rumania.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

EXCERPTA MEDICA Sec 4 Vol 12/1 Med. Micro. Jan 59

241. ELECTROPHORETIC STUDY OF THE MUSCLE PROTEINS IN NEWBORN MICE. MODIFICATIONS OF THE PROTEINOGRAM IN EXPERIMENTAL INFECTION WITH COXSACKIE VIRUS - Studiul electroforetic al proteinelor musculare la soarecele nou-născut. Modificările proteinogramei în infecţia experimentală cu virusul Coxsackie - Portocala R. and Moscovici O. Inst. de Inframicrobiol., Acad. R.P.R., Bucureşti - COM.ACAD. R.P.R. 1957, 7/12 (1085-1088) Illus. 2

Three protein fractions were recognized, which differed in their migration rates, and which were provisionally named fractions 'a', 'b' and 'c'. In Coxsackie virus infection, fraction 'b' showed an increase, and fraction 'c' a simultaneous decrease.

Waterman - Amsterdam (L,4)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTOCALA, R.; BOERU, V.; RADVAN, A.

Chromatography of amino acids in the blood of epidemic hepatitis patients. Stud. cercet. inframicrobiol., Bucur. 8 no.1:29-38 1957.
(AMINO ACIDS, in blood
in epidemic hepatitis, chromatography)
(HEPATITIS INFECTIOUS, blood in
amino acids, chromatography)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTOCALA, R.; VELICICOV, V.; COPELOVICI, Y.

Cytochemical studies of experimental herpes (desoxyribonucleic acid). Stud. cercet. inframicrobiol., Bucur. 8 no.2:149-154 1957.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R. in sedinta din 17 octombrie 1956.

(HERPES, experimental
desozyribonucleic acid synthesis & utilization by virus during multiplication in rabbits)

(DESOXYRIBONUCLEIC ACID, metab.
utilization by herpes virus during multiplication in exper. infect. in rabbits)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTOCALA, R.; BOERU, V.; CAPRARU, R.

Studies of experimental herpetic hyperglycemia (induced hyperglycemia and hypoglycemia). Stud. cercet. inframicrobiol., Bucur. 8 no.3:341-348 1957.

(ENCEPHALITIS, experimental
herpetic, causing hyperglycemia, comparison with glucose-induced hyperglycemia & eff. of insulin)

(HERPES, virus
intracerebral inoculation causing encephalitis & hyperglycemia in rabbits, comparison with glucose-induced hyperglycemia & eff. of insulin)

(HYPERINSULINISM, experimental
eff. on exper. herpetic encephalitis)

(HYPERGLYCEMIA, experimental
induced by cerebral inoculation of herpes virus in rabbits, comparison with glucose-induced hyperglycemia)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

EXCERPTA MEDICA Sec 4 Vol 12/3 Med. Micro. Mar 59

1036. ELECTROPHORETIC PATTERN OF MUSCLE PROTEINS IN THE NEWBORN MOUSE. CHANGES IN COXSACKIE VIRUS INFECTIONS - Protéinogramme électrophorétique du muscle des souriceaux nouveaux-nés. Modifications survenues au cours de l'infection à virus Coxsackie - Portocala R. and Moscovici O. Inst. d'Inframicrobiol., Bucarest - RIV. IST. SIEROTER. ITAL. 1958, 33/2 (107-109) Graphs 2

Extracts of muscle from newborn mice showed 3 protein fractions with different migration velocities. In Coxsackie virus infection the proportions of these fractions were changed. The histological changes observed in muscles of Coxsackie-infected mice are thus reflected in changes of the protein pattern.

Russi - Ancona (L, 4)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTOCALA, R.; DUMITRESCU, S.; ROTHSCHILD, L.; IONESCU, N.I.

Morphological characteristics of type A2 ("A-Asia") influenza virus isolated in Rumania. Acta virol. Engl. Ed., Praha 3 no.2:113-114 Apr 59.

1. Institute of Inframicrobiology, Academy of the Rumanian People's Republic, Bucharest.
(INFLUENZA VIRUSES,
type A2 isolated in Rumania, morphol. characteristics)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTOCALA, R.; BOERU, V.; SAMUEL, I.

Biosynthesis of Influenza Virus starting from an Ether-phenol Virus Extract. Acta virol. Engl. Ed., Praha 3 no.3:172-174 July 1959

1. Institute of Inframicrobiology, Academy of the Rumanian People's Republic, Bucharest.
(INFLUENZA VIRUSES, chem)
(RIBONUCLEIC ACID, chem)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTOKALE, R.; BOYERU, V.

Micromethod for electrophoresis in agar-agar gel. Vop.med.khim. 5 no.4:310-316 Jl-Ag '59. (MIRA 12:12)

1. Institut virusologii Akademii nauk Rumynskoy Narodnoy Respubliki.
(BLOOD PROTEINS)
(ELECTROPHORESIS)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTOCALA,R.; BOERU,V.; SAMUEL,I.

The role of ribonucleic acid in the infectivity of the influenza virus. Stud. cercet. inframicrobiol.,Bucur. 11 no.1:41-49 '60.

1. Comunicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R. in Sesiunea stiintifica festiva din 17-18 august 1959.

(INFLUENZA VIRUSES)
(RIBONUCLEIC ACID)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTOKALA, R.; BOYERU, V.; SAMUEL', I.

Effect of ribonucleic acid on the infective activity of influenza viruses. Vop. virus. 5 no. 2:178-182 My-S '60. (MIRA 14:4)

1. Institut infarmikrobiologii Akademii nauk Rumynskoy Narodnoy Respubliki, Bukharest.
(INFLUENZA) (NUCLEIC ACIDS)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3

PORTOCALA, R.; SAMUEL,I.; POPA,L.; PRAHOVEANU, E.; BILLER, S.; HORER,O.

Comparative biological and physico-chemical studies of some nucleic acids exposed to the action of heat. Stud. cercet. inframicrobiol. 15 no.5:423-440 '64.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001342610001-3"