"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PAL'CHUK, N.Yu., kandidat tekhnicheskikh nauk

Welding of two-layer pipes with a rustproof layer. Svar.proizv. no.3:5-7 Mr '55. (MLRA 8:9)

1. Moskovskoye Vysshoye tekhnicheskoye uchilishche imeni Baumana
(Pipe, Steel--Welding)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

SLOMYANSKAYA, F.B., kandidat tekhnicheskikh nauk; DYATLOVA, V.N.; AFANAS'YEV, P.S.; YEGOROV, A.P.; VITKOVSKIY, M.N.; MISHIN, I.A.; MEDOVAR, B.I.; LANGER, N.A.; PAL'CHUK, N.Yu., kandidat tekhnicheskikh nauk; FRID, Ya.L.; LEVIN, I.A., kandidat tekhnicheskikh nauk.

Methods of testing stainless steels for susceptibility to intergranular corrosion. Zav.lab.21 no.11:1314-1340 '55. (MIRA 9:2)

1.Vsesoyuznyy nauchno-issledovatel'skiy i konstrukterskiy institut khimicheskogo mashinostroyeniya (for Slomyanskaya, Dyatlova).2.Nachal'nik TSentral'noy zavodskoy laboratorii (for Afanas'yev).3.Nachal'nik laboratorii eksperimental'nogo zaveda khimicheskogo mashinostroyeniya.4.Sumskoy mashinostroitel'nyy zavod imeni M.V.Frunze (for Vitkovskiy, Mishin).5.Institut elektrosvarki imeni Ye.O.Patona, Akademii nauk SSSR (for Medovar, Langer).6.Moskovskoye vyssheye tekhnicheskoye uchilishche imeni N.E.Baumana (for Pal'chuk).7.Zamestitel' nachal'nika TSentral'noy zavodskoy laboratorii zavoda "Serp i Molot" (for Frid).

(Steel, Stainless--Corrosion)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

AID P - 4507

Subject : USSR/Engineering

Card 1/1 Pub. 11 - 5/12

Authors : Pal'chuk, N. Yu. and A. I. Akulov

Title : Automatic Welding of Non-turning Stainless Steel Pipes

Periodical : Avtom. svar., 9, 2, 27-34, Mr/Ap 1956

Abstract : The authors describe the technique and equipment used in automatic argon arc welding of 1Kh18N9T stainless steel pipes 57, 63, 76 and 89 mm in diameter, while in the stationary (non-turnable) position prevalent in various piping systems. The installation is illustrated, the details of handling and finishing of the process, and the results of tests of welded tubing are given. Three tables, 3 photos and 3 drawings.

Institution : Moscow Higher Technical School (MVTU) im. Bauman

Submitted : O 17, 1955

Submitted : No date

APPROVED FOR RELEASE

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PAL'CHUK, N Yu.

13635* (Russian) Effect of Nickel on the Structure of 18-8 Austenitic Steel Weld Seams. Vliyanie nikelia na strukturu svarnykh shvov austenitnoi stali tipa 18-8. G. G. Mukhin and N. Iu. Pal'chuk. *Avtomaticheskaia Svarka*, v. 10, Mar.-Apr. 1957, p. 1-10.

Structure and mechanical properties in the initial state and after quenching, annealing, and 1000 hrs. heating at 650 C. A new phase was found.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PAL'CHUK, N.YU.

135-8-18/19

SUBJECT: USSR/Welding

AUTHORS: Kasennov, Yu, I., Candidate of Technical Sciences, and Pal'chuk, N.Yu., Candidate of Technical Sciences.

TITLE: Testing of Welded Joints in Austenitic Chrome-Nickel Steel for Intercrystalline Corrosion. (Ob ispytaniyakh svarnykh soyedineniy is khromonikelevykh austenitnykh staley na mezhkristallitnuyu korrosiyu).

PERIODICAL: "Svarochnoye Proisvodstvo", 1957, #8, pp 42-44 (USSR).

ABSTRACT: The authors criticise recommendations made by A.I. Krasnovskiy ("Svarochnoye Proisvodstvo", # 2, 1956) concerning methods of testing corrosion resistance - in accordance with "ГОСТ 6032-51" This standard does not apply at all complete tests of welded joints, and, besides, it contains many inconsistencies which have been revealed in a discussion organised by the periodical "Zavodskaya Laboratoriya" (2) in 1955. These inconsistencies and Krasovskiy's statements based on ГОСТ 6032-51 are cited.

The article further contains detailed information on testing methods and rules actually practiced, including the form of test specimens, the technology of their preparation (sheet

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PAL'CHUK, N.Yu., kandidat tekhnicheskikh nauk; AKULOV, A.I., kandidat tekhnicheskikh nauk.

Automatic argon arc welding of 18-8 type steels with consumable electrodes. [Trudy] MVTU no.71:93-104 '57. (MIRA 10:7)
(Steel--Welding) (Protective atmosphere)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PAL'CHUK,N.Yu.; MUKHIN,G.G.

Effect of chrome, silicon and vanadium on σ phase formation in manual welds on 18-8 type steels. Avtom.svar.8 no.4:42-57 Jl-Ag'55. (MLRA 8:11)

1. Moskovskoye Vysshoye tekhnicheskoye uchilishche imeni Baumana (Steel alloys--Welding) (Metallography)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

34459
S/125/62/000/003/004/006
D040/D113

18.1130

AUTHORS: Shashin, D.M., and Pal'chuk, N.Ya.

TITLE: Effect of alloying elements on the corrosion resistance of welded joints in 1Kh18N9T steel subjected to prolonged heating at 350-650°C.

PERIODICAL: Avtomaticheskaya svarka, no. 3, 1962, 52-5[illegible]

TEXT: The results are given of investigations on the effect of the chemical composition of the weld metal and prolonged heating at 350-650°C on the corrosion resistance of joints welded by the argon arc process in 1Х18Н9Т (1Kh18N9T) steel. Welds were additionally alloyed with Ti, Nb, Si and V to reveal the effect of these elements. Specimens were heat-treated as follows: quenching in water from 1050-1100°C, or homogenizing for [illegible] hrs at 850°C with air cooling; aged for 500, 1500 and 3000 hrs at 350, 475, 550 and 650°C. Specimens were then ground, and tested for intercrystalline corrosion by the standard АМ (AM) method per ГОСТ 6032-58 (GOST 6032-58) and for general

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D040/D113

Effect of alloying elements ...

corrosion by boiling in 55% nitric acid for 200 hrs. Specimens that passed tests failed later after aging. Nb additions raised the corrosion resistance better than additions of other elements; Ti had a negative effect at higher contents, which is explained by the difference in the electrode potentials of Ti and Nb carbides in relation to the steel base and Cr carbides. Welds alloyed with ferrite-forming Si, or Si with V, had the lowest resistance to general acid corrosion. Intensive shearing corrosion was observed in a 1 to 1.5 mm-wide band at the welds, and welds with acute shearing corrosion had low content of α-phase on the fusion line, whilst in welds less prone to this type of corrosion, the α-phase was clearly shifted towards the base metal; the weld metal at the fusion line had a high content of α-phase, which shows that higher resistance to shearing corrosion can be reached by raising the α content in the fusion line. Increased Nb content, in the weld completely eliminated shearing corrosion. Conclusions: (1) The corrosion resistance of argon arc welds in IKh18N9T type steel is sharply reduced after prolonged heating at over 350°C; welds have a high corrosion resistance

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

18(5,7) SOV/135-59-9-6/23

AUTHORS: Shashin, D. M., Engineer and Pal'chuk, N. Yu., Candidate of Technical Sciences

TITLE: Impulse Butt Welding of Type 1Kh18N9 Steel of Small Sections

PERIODICAL: Svarochnoye proizvodstvo, 1959, Nr 9, pp 19-21 (USSR)

ABSTRACT: The authors present some primary results on experiments made in the fields of impulse welding of stainless steels. In this study the possibility of using a capacitor as energy source for buttwelding of pipe elements and rods of small sections is discussed. This is to get a higher stability against corrosion of the joint. Fig 2 shows the block diagram of a corresponding welding device. Experiments were made on buttwelding. The components, which were to be welded, were fastened with a current carrying gripping device which works pneumatically. For quality comparison, samples of steel type 1Kh18N9 (0.08% C, 0.19% Si, 1.48% Mn, 19.12% Cr. 9.23% Ni) were tested. The samples were welded partly with capacitor, partly the usual way of

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

SOV/135-59-9-[illegible]/[illegible]

Impulse Butt Welding of Type 1Kh18N9 Steel of Small Sections

butt welding. For the latter the transformer of a set type MTP-200 was used, with feeding from the alternate current system. The welding time was changed from 0.04 to 0.08 sec., regulated by electronic regulator type RVE-7-1A. The table shows the test conditions and the results. The experiments showed that a lower welding time (0.01-0.04 sec) leads to a higher stability against corrosion. There are 2 photographs, 1 drawing, 2 block diagrams and 1 table.

ASSOCIATION: MVTU imeni Baumana (MVTU imeni Bauman)

Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

MUKHIN, G.G.; PAL'CHUK, N.Yu.

Formation of new phases in welded joints in 18-8-type steel containing niobium. Avtom. svar. 11 no. 6:88-91 Je '58. (MIRA 11:7)

(Steel alloys--Welding)
(Niobium)
(Metallography)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

137-58-3-5265

Translation from Referativnyy zhurnal, Metallurgiya, 1958, Nr 3, p [illegible] (USSR)

AUTHORS Pal'chuk, N. Yu., Akulov, A. I.

TITLE Automatic Argon-shielded Consumable-electrode Inert Arc Welding of Steels of the 18-8 Type (Avtomaticheskaya argono-dugovaya svarka plavyashchimsya elektrodom staley tipa 18-8)

PERIODICAL V sb. Prochnost i avtomatizatsiya svarki (MVTU, 71) Moscow, Mashgiz, 1957, pp 93-104

ABSTRACT An investigation was carried out to evaluate the quality of welded joints of steel of 18-8 type which were fabricated by means of an automatic Ar-shielded consumable-electrode arc-welding process. The chemical compositon of metal in the seam showed that the coefficient of assimilation of C, Cr, Ni, Si, Mn, Nb, and Mo closely approaches the value of 1, while the coefficient of assimilation of Ti amounts to 0.7-0.8. The mechanical properties of welded joints of steels of 18-8 type (executed in any position in space), as well as of rigid pipe junctions, are quite satisfactory and meet the requirements for welded connections of such steels. Welded junctions of 12mm thick 1Kh18N9T steel, executed with welding rods of Kh18N9T type,

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137-58-3-5265

Automatic Argon-shielded Consumable-electrode (cont.)

exhibit an ak of 111-112.7 kg/cm^2. The macro and microstructure of the welds is independent of their position in space during welding, and is only slightly affected by the type of welding rod employed (compared with 0Kh18N9, the Kh18N9T welding rod produces a finer weld structure). The resistance of butt welds to intercrystalline and overall corrosion is quite satisfactory and is virtually unaffected by stabilization and stress-relieving processes after the welding operations.

G.N.

Card 2/2

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

Falchuk N. Yu.

AUTHORS: Muknin, G. G. and Falchuk, N. Yu.
Candidates of Technical Sciences

TITLE: On the Formation of a New Phase in Weld Seams on "18-8" Grade Steel, Containing Niobium (Ob obrazovanii novoy fazy v svarnykh shvakh na stali tipa 18-8, soderzhashchiy n[illegible])

PERIODICAL: Avtomaticheskaya Svarka, 1958, Nr 6, pp 8[illegible] - 91 (USSR)

ABSTRACT: With reference to criticisms expressed by N. Lashko [illegible] the preceding article in this copy] on the formation of a new "N-phase" in "18-8" grade steel, the authors defend their theory and, although they partly agree with Lashko, insist that the "N-phase" is to be considered a new phase of as yet unknown crystalline structure, which appears in "18-8" grade steel with high niobium content (after various heat treatments) and reduces the plasticity and impact-resistance of the metal. There are 2 tables, and 9 references, 2 of which are Russian.

SUBMITTED: December 2, 1957
AVAILABLE: Library of Congress
Card 1/1 1. Seam welding 2. Niobium-Effectiveness

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

~~KAZENNOV, Yu.I.~~ PAL'CHUK, N. Yu

KAZENNOV, Yu.I., kand.tekhn.nauk; PAL'CHUK, N.Yu., kand.tekhn.nauk

Testing weld joints in chromium-nickel austenitic steels for intercrystalline corrosion. Svar.proizv. no.8:42-44 Ag '57. (MIRA 10:11)

(Chromium-nickel steel--Welding) (Steel, Stainless--Corrosion)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

135-12-15/17

AUTHOR: Akulov, A.I., Pal'chuk, N.Yu., Candidates of Technical Sciences

TITLE: Semiautomatic Gas-arc Welder for Thin-sheet Metal (Svarochnyy poluavtomat dlya gazodugovoy svarki tonkolistovogo metalla)

PERIODICAL: Svarochnoye Proizvodstvo, 1957, # 12, p 44-45 (USSR)

ABSTRACT: The article gives a detailed description of a new semi-automatic arc welding device for welding in shielding gases, devised by the MVTU imeni Bauman. The device, which is illustrated by 2 photographs (Figure 1) and an electrical circuit diagram (Figure 2), consists of a welding pistol and a control board in a cabinet. All work parts including the feed mechanism are placed in the pistol. The feed cable and shielding gas are led through one flexible hose into the pistol so that the whole system is cooled by shielding gas. As all work control is on the pistol, the operator can work at any distance from the cabinet. This feature and the weight of the pistol (2 kg) make the device particularly handy for assembling work. It enables welding seams of any outline, in bottom or ceiling position, and eliminates the disadvantages of the semi-automatic "ПДША-500" welders, produced up to now. These disadvantages are partly

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Semiautomatic Gas-arc Welder for Thin-sheet Metal 135-12-15/17

eliminated also in the semi-automatics "ПШВ-1" and "ПшВ-8" designed for arc welding in shielding gas by the Scientific Research Institute for Technology and Organization of Industry (NII tekhnologii i organizatsii proizvodstva).
There are 2 figures.

ASSOCIATION: MVTU imeni Bauman

AVAILABLE: Library of Congress

Card 2/2

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PAL'CHUK, N. YU.

27 27 27 4E2c 9 1

The effect of chromium, silicon, and vanadium upon the formation of σ phase in seams produced by hand welding of steel type 18-8 (N. Yu. Pal'chuk and G. G. Mukhin. *Avtomat. Svarka* 8, No. 4, 43-57(1955).—The brittle σ-phase is formed in seams welded with the electrode coda type 18-8, contg. different amounts of Cr, Si, and V. The σ-phase is formed on heating at 650° for up to 1000 hrs. In the α-phase of ferrite. Addn. of the ferrite-forming elements V, Si, and Cr promotes the formation of the σ phase, which decreases plasticity and shock viscosity. Tempering in water from 1100° does not prevent formation of the σ-phase when Si is over 2%, Cr 21%, or V 1.5% and Si 1.5%.

A. N. Bedoff.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

MUKHIN, G.G.; PAL'CHUK, N.Y.

Effect of niobium on the structure of welded joints on 18-8 type austenite steel. Avtom. svar. 10 no.2:1-10 Mr-Ap '57. (MLRA 10:6)

1. Moskovskoye Vysshaye tekhnicheskoye uchilishche im. Baumana.
(Niobium) (Steel--Welding)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

AKULOV, A.I.; PAL'CHUK, N.Yu.

Possibility of using commercial argon in welding stainless steel with a consumable electrode. Avtom. svar. 10 no.2:50-56 Mr-Ap '57. (MLRA 10:6)

1. Moskovskoye Vyssheye tekhnicheskoye uchilishche im. Baumana.
(Steel, Stainless--Welding) (Protective atmospheres)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PAL'CHUN, A.S., starshiy prepodavatel'

Network for integrating weak d.c. voltages. Vest. sviazi 24 no.7: 10-11 Jl '64. (MIRA 17:9)

1. Novosibirskiy elektrotekhnicheskiy institut svyazi.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PAL'CHUN, A.S., inzhener.

Improving the amplitude-frequency characteristics of the DR-89 receiver unit. Vest.sviazi 16 no.7:14-15 Jl '56. (MLRA 9:9)

1.Novosibirskiy radiotsentr.
(Radio--Receivers and reception)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

L 9463-66 EWT(1)/EWA(h)

ACC NR: AP5028140 SOURCE CODE: UR/0106/65/000/011/033/0040

39

AUTHOR: Pal'chun, A. S.

13

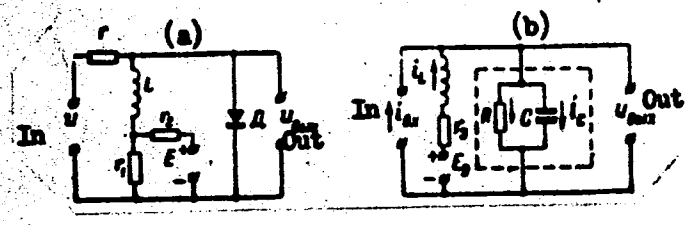
ORG: none

TITLE: Tunnel-diode slave multivibrator as a frequency divider 25

SOURCE: Elektrosvyaz', no. 11, 1965, 33-40

TOPIC TAGS: frequency divider, multivibrator, tunnel diode, electronic circuit

ABSTRACT: A theory and design formulas are developed for an electronic frequency divider based on D. Armgarth's circuit (Nachrichtentechnik, 1962, no. 7). A tunnel diode and inductance L are connected in series (see Fig. a) to d-c source E via voltage divider $r_1 r_2$. The input voltage pulses (of any shape including sinusoidal) are applied via resistor r. Using an



Card 1/2 UDC: 621.373.54

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

L 9463-66

ACC NR: AP5028140

equivalent circuit (Fig. b), a differential equation is set up, solved, and practical design formulas are derived. The division ratio depends on L, tunnel-diode parameters, input-current peak, and the position of the initial current. By stabilizing the circuit parameters and supply voltages, the division ratio can be made stable. By using a thermistor instead of r_a, or by connecting a temperature-compensating limiter before the frequency divider, stable operation within +10+70C with a division ratio of up to 10 is held possible. The theory was verified by experiments with a [illegible]-section divider which stepped-down a frequency of 100 kc (sinusoidal wave) to 1 kc, and with a single-section divider which was fed at 10.85 Mc and had a ratio of 31. A design procedure for the tunnel-diode frequency divider is set forth. Orig. art. has: 5 figures and 29 formulas. [03]

SUB CODE: 09/ SUBM DATE: 12Apr65/ ORIG REF: 002/ OTH REF: 001/ ATD PRESS: 4154

Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

MOCHALOV, Boris Mikhaylovich; PAL'CHUN, I.F., red.; YERMAKOV, M.S., tekhn. red.

[Commodity production, the law of value, and money under socialism; lecture on the economics of socialism] Tovarnoe proizvodstvo, zakon stoimosti i den'gi pri sotsializme; lektsiia po kursu politicheskoi ekonomii sotsializma. Moskva, Izd-vo Mosk. univ., 1961. 64 p. (MIRA 14:8)

(Economics)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

TKACHEVSKIY, Yuriy Matveyevich; PAL'CHUN, I.F., red.; YERMAKOV, M.S., tekhn. red.

[Work units in corrective labor colonies] Otriadnaia sistema v ispravitel'no-trudovykh koloniyakh; lektsiia dlia studentov iuridicheskogo fakul'teta. Moskva, Izd-vo Mosk. univ., 1962. 29 p. (MIRA 16:3)

(Convict labor)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

SAZHINA, Muza Arkad'yevna; DOLGORUKOV, P.D., otv.red.; PAL'CHUN, I.F., red.

[Economic crises of overproduction; lecture] Ekonomicheskie kri-zisy pereproizvodstva; lektsiia. Otvet.red.P.D.Dolgorukov. Moskva, Izd-vo Mosk.univ., 1959. 64 p. (MIRA 13:3)
(Overproduction)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

OS'MOVA, Markiana Nikolayevna; PAL'CHUN, I.F., red.; YERMAKOV, M.S., tekhred.

[Building of socialism in the agriculture of the European people's democracies] Stroitel'stvo sotsializma v sel'skom khoziaistve evropeiskikh stran narodnoi demokratii. Moskva, Izd-vo Mosk.univ., 1961. 57 p. (MIRA 15:4)
(Europe, Eastern—Agriculture)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

MOCHALOV, Boris Mikhaylovich; SUVOROVA, M.I., otv.red.; PAL'CHUN, I.F., red.; YERMAKOV, M.S., tekhn.red.

[Trade under socialism; a lecture on the course in the political economy of socialism] Torgovlia pri sotsializme; lektsiia po kursu politicheskoi ekonomii sotsializma. Otv.red. M.I.Suvorova. Moskva, Izd-vo Mosk.univ., 1961. 50 p. (MIRA 14:4)

(Russia--Commerce)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

SOV/107-59-4-24/45

(

AUTHOR: Pal'chun, I., Bobruysk

TITLE: A Paint for Alcaline Batteries (Kraska dlya shchelochnykh akkumulyatorov)

PERIODICAL: Radio, 1959, Nr 4, p 30 (USSR)

ABSTRACT: The author recommends a home-made paint for alcaline batteries, consisting of 10g celluloid dissolved in 100 g acetone and 30 g powdered paint.

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PAL'CHUN, P., starshiy serzhant sverkhrochnoy sluzhby.

Tuning the radio station without connecting the power supply.
Voen. sviaz. 16 no. 6:14-15 Je '58. (MIRA 11:7)
(Radio, Military)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

CHERNYSHEV, M.A., prof.; BASILOV, V.V., inzh., retsenzent; ZAKHAROV, A.A., inzh., retsenzent; PAL'CHUN, P.S., inzh., retsenzent; SERGEYEVA, A.I., inzh., red.; USENKO, L.A., tekhn.red.

[Arrangement, maintenance and repair of tracks] Ustroistvo, soderzhanie i remont puti. 2. perer. izd. Moskva, Transzheldorizdat, 1963. 466 p. (MIRA 17:2)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

LEBEDEV, Mikhail Nikolayevich, prof.; SHADRIN, Nikolay Aleksandrovich, prof.; KRYUKOV, Georgiy Nikolayevich, dotsent; MOLLOT, Aleksandr Georgiyevich, dotsent; PETRUKOVICH, A.A., inzh.; PAL'CHUN, P.S., inzh., retsenzent; SOKOLOV, F.G., inzh., retsenzent; EYGEL', I.Yu., inzh., red.; BOBROVA, Ye.N., tekhn. red.

[Railroad surveying and construction] Izyskaniia i postroika zheleznykh dorog. By M.N.Lebedev i dr. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia. Pt.2. [Railroad construction] Postroika zheleznykh dorog. 1961. 319 p. (MIRA 14:8)
(Railroads--Construction)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

MURAV'YEV, Ivan Vladimirovich; OGAR', Yuriy Sergeyevich; PAL'CHUN, Petr Savel'yevich; ABRAGAM, S.R., inzh., red.

[Machinery and tools for track maintenance and repair] Putevye mekhanizmy i instrument. Moskva, Transport, 1964. 311 p. (MIRA 18:9)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PAL'CHUN, V.T. (Moskva G-359, ul. Partizanskaya, d.49, korp.1, kv.46)

Importance of the eradication of infectious tonsillar foci during the preparation of rheumatic patients for heart surgery. Grud. khir. 5 no.2:35-39 Mr-Ap'63 (MIRA 17:2)

1. Iz kliniki bolezney ukha, gorla, nosa (direktor - deystvitel'nyy chlen AMN SSSR, zasluzhennyy deyatel' nauki prof. B.S. Preobrazhenskiy) II Moskovskogo meditsinskogo instituta imeni N.I.Pirogova i Instituta serdechno-sosudistoy khirurgii (direktor - prof. S.A. Kolesnikov, nauchnyy rukovoditel' - akad. A.N. Bakulev) AMN SSSR.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PAL'CHUN, V.T., PETROVA, Ye.I.

Prevention of new rheumatic attacks within the immediate stage following tonsillectomy. Zhur. ush. nos. i gorl. bol. 23. no.2:61-66 Mr-Ap'63. (MIRA 16:8)

1. Iz kliniki bolezney ukha, gorla, nosa (direktor - deystvitel'nyy chlen AMN SSSR, zasluzhennyy deyatel' nauki prof. B.S. Preobrazhenskiy) lechebnogo fakul'teta 2-go Moskovskogo meditsinskogo instituta imeni N.I.Pirogova.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALCIC, B.

Reorganization of our secondary professional schools. p. 126.
GEODETSKI LIST (Drustvo geodete NR Hrvatske) Zagreb. Vol. 10,
no. 3/4 , Mar. / Aprli. 1956

SOURCE: East Europe Accession List (EEAL),
Library of Congress, Vol. 5, no. 11, Nov. 1956

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALCIC, B.

Reorganization of our secondary professional schools. p. 226. GEODETSKI LIST. Zagreb. Vol. 10, no. 7/8, July/Aug. 1956.

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

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALCIC, Branko, Dr.

PALCIC, Branko, dr.

Contact points in the bridge prosthetics. Zobozdrav. vest., Ljubljana 9 no.1-2:8-10 1954.
(CROWN AND BRIDGEWORK
*contact points)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALCIC, Branko

PALCIC, Branko, dr.

Accidents in prosthetics. Zobozdrav. vest., Ljubljana 9 no.1-2: 37-40 1954.

(DENTISTRY, OPERATIVE
*accidental inj. in)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

RIALLAND, R.N., prof., PALCIC, Branko, doc. dr. [translator]

Acrylic crown and bridgework. Zobozdrav. vest., Ljubljana 9 no.4-6: 156-159 1954.

1. Referat na strokovnem sestanku Drustva zobozdravstvenih delavcev Slovenije septembra 1954.

(CROWN AND BRIDGEWORK
acrylic resins in)
(ACRYLIC RESINS
crown & bridgework)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALCIC, Branko, doc. dr.

Primary prosthetic triage. Zobozdrav. vest., Ljubljana 9 no.4-6: 181-187 1954.

1. Referat na strokovnem sestanku Drustva zobozdravstvenih delavcev Slovenije septembra 1954.
(DENTAL PROSTHESIS
prep.)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALCIC, S.

Controller of electron tubes. p. 260.
(Radioamater, Vol. 10, No. 10, Oct. 1956, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALCIC, S.

Generating high-frequency voltage with an oscillator. p. 78.
(Radioamater. Vol. 11, no. 3, Mar. 1957, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) LS, Vol. 6, no. 7, July 1957, Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALCIC, S.

Testing instruments for electronic tubes, p. 100. RADIOAMATER. (Savez radioamatera Jugoslavije) Beograd. Vol 10, No. 4, Apr. 1956.

SOURCE: East European Accessions List, (EEAL) Library of Congress, Vol. 5, No. 8, Aug. 1956.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

KERTES, Rudolf [illegible]

Forum of inventors. [illegible]

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALCO, M.

NIEDERLAND, T.R.; PALCO, M., KELEN, J.

Method of cephalin-cholesterol flocculation test. Bratisl.lek. listy Suppl.1:Vol.30:12-16 1950. (CLML 19:4)

1. Of the Second Internal Clinic and of the Biochemical Department of the Institute of Medical Chemistry of Slovak University.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALCU, G.

Small mechanizations, an important source of economy. p.421

INDUSTRIA LEMNULUI. (Asociatia Stiintifica a Iginerilor si Tehnicienilor din Rominia si Ministerul Industriei Lemnului, Bucuresti, Rumania Vol.8, no11, Nov 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no.2 Feb. 1960

Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALCU, C.

Small mechanizations, and important source of economy. p. 425.

INDUSTRIA LEMNULUI. (Oasociatia Stiinifica a Inginerilor se Tehnicienilor din Rominia se Mintsterul Industriei Lemnlui) Bucuresti, Rumania. Vol. 8, No. 11, Nov. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No. 2, Feb. 1960.

Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

MOKRZYCKI, Mikolaj; PALCZEWSKA, Jadwiga

Cases of staphylococcal pneumonia in adults. Gruzlica 27 no.3:247-253 Mar 59.

1. Z Zakladu Tryzjatrii Studium Doskonalenia Lekarzy w Lodzi i Szpitala Specjalistycznego im. dr A. Sokolowskiego w Lodzi Kierownik Zakladu i dyrektor Szpitala doc. or M. Zierski Ordynator Oddzialu: dr M. Mokrzycki. Adres, Lodz, ul. Kosynierow Gdynskich 26.

(MICROCOCCAL INFECTIONS, case reports, pneumonia (Pol))
(PNEUMONIA, case reports, micrococcal (Pol))

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALCZEWSKA, Jadwiga

Spontaneous pneumothorax. Gruzlica 25 no.9:733-741 Sept 57.

1. Z Zakladu Ftyzjatrii I. D. iS. K. L. i Szpitala Specjalistycznego im. dr. A. Sokolwskiego w Lodzi. Kierownik: doc. M. Zierski.
(PNEUMOTHORAX
spontaneous, etiol. & ther. (Pol))

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

POLAND / Physical Chemistry. Electrochemistry. B-12

Abs Jour: Ref Zhur-Khimiya, No 7, 1959, 22658.

Author : Palczewska, W., Wroblowa, H.
Inst : Academy of Sciences of Poland.
Title : Adsorption of Dibenzyl Sulphoxide [sic] on The Phase Boundary Mercuryaqueous Solution of Sulphuric Acid.

Orig Pub: Bull. Acad. polon. sci. Ser. sci. chim., geol et geogr., 1958, 6, No 3, 191-199, XV.

Abstract: With intension of investigating into the nature of particles of dibenzyl sulfoxide (I) which is adsorbed on Fe and Ni and raises the overvoltage (η) of hydrogen and decreases the implantation of electrolytic hydrogen into the metal in acidic solutions at high cathodic polarizations (η greater than 0.7 v) RZhKhim, 1955,

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POLAND / Physical Chemistry. Electrochemistry. B-11

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

Abs Jour: Ref Zhur-Khimiya, No 7, 1959, 22658.

Abstract: H_2SO_4 solution by 100 to 150 mv). The authors arrived at the conclusion that in the first section I is adsorbed as neutral molecules orientated by the negatively polarized oxygen atom towards the surface of Hg; the second section corresponds to the pure surface of Hg, and at ψ equal to about 0.85 v, I is adsorbed again, now in the shape of a cation, which is oriented by the positively charged S atom towards the surface of Hg, which enhances the rise of η. It is assumed, based on the results obtained, that I is adsorbed in the shape of cations on Fe and Ni in acid solutions in the case of high cathodic polarizations. -- I. Bagotskaya.

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALCZEWSKA, W.

Influence of catalytic promoters on the permeation of hydrogen from the gas phase into iron. Pt. 2. Bul chim PAN 12 no. 3: 183-188 '64.

1. Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw. Presented by M. Smialowski.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

[illegible], [illegible]

Potentiometric [illegible] [illegible] [illegible] [illegible] [illegible]
and potential of different samples of [illegible] [illegible]
[illegible] [illegible], [illegible], [illegible], [illegible], [illegible].

SO: Monthly List of [illegible] Accessions, [illegible], [illegible], [illegible], [illegible], [illegible],
Uncl.

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALCZEWSKA, W.

The influence of polar organic substances and catalytic poisons on hydrogen over-voltage on nickel and iron cathodes. In English. p. 37. Vol. 4, no. 1, 1956 Warszawa

MATEMATYKA

SOURCE: East European Acession List (EEAL) Library of Congress Vol. 5, no. 8, August 1956

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALCZEWSKA, W.

PALCZEWSKA, W.; [illegible]

[illegible]

SO: Monthly List of East European Accessions (EEAL), [illegible], March 19[illegible], Unclassified.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

COUNTRY : Poland
CATEGORY : 8-12

ABS. JOUR. : RZKhim., No. 21 1959, No. 74349

AUTHOR : [illegible], [illegible] and [illegible]owa, H.

INSTITUTION : [illegible]

TITLE : The Adsorption of Dibenzyl Sulfoxide at the Interface between Mercury and an Aqueous Solution of Sulfuric Acid. I. Electrocapillary Measurements.

ORIG. PUB. : Roczniki Chem., 32, No 6, 1333-1340 (1958)

ABSTRACT : [illegible] curves have been recorded for [illegible] solution containing dibenzyl sulfoxide [illegible] at potentials φ of from [illegible] to [illegible] v (saturated calomel electrode [illegible]). It has been found that I is adsorbed on positively charged surfaces and also in the region of zero charge on the [illegible] (up to φ = -0.75 v), with an accompanying shift of the potential of the electrocapillary maximum to more negative values. The authors are of the opinion that in the

CARD: 1/3

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

3-12

COUNTRY : Poland
CATEGORY :

ABS. JOUR. : RZKhim., No. 21 1959, No. 74349

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : φ range indicated, I is adsorbed as a polar aromatic molecule and is oriented with the negative end of the dipole (the O atom) pointing towards the positively charged Hg surface. An increase in the adsorption of I with increasing concentration (c) of the latter is observed up to c = $3 \cdot 10^{-4}$ M, the adsorption isotherm having a linear character. At c ≥ $3 \cdot 10^{-4}$ M the fraction of the Hg surface covered by adsorbed molecules is close to the value of Γ = $3.15 \cdot 10^{-10}$ mol/cm² obtained for φ =

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

COUNTRY :
CATEGORY :

SEC. JOUR. : [illegible] 1[illegible], No.

[illegible] :
[illegible] :
[illegible] :

CATG. PUB. :

ABSTRACT : [illegible]

DATE: [illegible]

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALCZEWSKA, W.; RATAJCZYK, I.

Influence of catalytic promoters on the permeation of hydrogen from the gaseous phase into iron. The effect of hydrogen sulphide. Bul chim PAN 9 no.4:267-275 '61.

1. Department of Physical Chemistry of Electrode Processes, Institute of Physical Chemistry, Polish Academy of Sciences. Presented by M. Smialowski.

(Catalysts) (Hydrogen) (Permeability) (Iron)
(Sulfides)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

ABS. JOUR. : RZKhim., No. 1960, No.

AUTHOR :

TITLE :

ORIG. PUB. :

ABSTRACT :

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

COUNTRY : Poland

ABS. JOUR. : RZKhim., No. 5 1960, No. 17148

AUTHOR :

TITLE :

ORIG. PUB. :

ABSTRACT : I is adsorbed on Hg as a neutral molecule; at potentials below -0.33 v, I is adsorbed as the cation. The latter reduction is confirmed by the absence of this desorption of I at φ = -1.2 v. The anomaly observed between the adsorption [illegible] Hg and on Ni and Fe (RZKhim., [illegible], No. [illegible]) indicates, in the opinion of the authors, that on Ni and Fe I is adsorbed as the cation at potentials more negative than -0.7 v and increases the hydrogen overpotential in that region. The inhibiting

CARD : 1/3

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

COUNTRY : Poland
CATEGORY :

ABS. JOUR. : RZKhim., No. : 1960, No.

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : effect of [illegible] developers only in acid solutions.
[illegible] Polyanovskaya

CARD: 3/3

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PACZEWSKA, WACŁAWA

4

87

Mechanism of cathodic hydrogen evolution. Wacława Paczewska and Michał Śmiałowski. Prace Kom. Elektro. Warsaw 1955. 219-59(Pub. 1957)(German summary).—A review article and history since 1899. 168 references. F. J. Hendel

1/1

MM

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALCZEWSKA, [redacted]

Chemical Abstracts
May 25, 1954
Electrochemistry

(3)

Electrodes of the second kind. Witold Tomasei and [redacted] (Inst. Technol., Warsaw). *Roczniki Chem.* 27, 110-24(1953)(German summary).—Measurements were made of e.m.f. of cells including electrodes of metals (Hg, Ag, and Pb) immersed in satd. solns. of their sparingly sol. salts, contg. sol. salts with a common anion. The establishment of const. potential for such electrodes was detd. by the anion.

Michael Falk

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PALCZEWSKA, Wacława

4

[redacted]

P. Dreyfus

PM

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

ROPEK, Mieczyslaw; SZYMANSKI, Andrzej; PALCZEWSKA-KLUZ, Jadwiga.

Case of esophageal diverticulum diagnosed and treated as fibrocavernous pulmonary tuberculosis. Gruzlica 33 no.9:807-810 S '65.

1. Z Katedry Ftizjatrii Wojskowej Akademii Medycznej w Lodzi (Kierownik: p.o. dr. med. M. Ropek) i z Oddzialu Chorob Plucnych Szpitala im. dr. Bieganskiego w Lodzi (Ordynator: dr. Z. Czerwinski).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALCZEWSKI, A.

Analysis of elementary and composite D.C. dialing circuits. Archiw elektrotech 10 no.3:685-709 '61.

Katedra Teletechniki Laczeniowej, Politechnika, Warszawa.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALCZEWSKI, A.

Two-sectional stage switching groups at the subscriber stage in automatic telephone exchanges with crossbar switches. Archiw elektrotech 11 no.2:193-227 '62.

1. Katedra Techniki Laczeniowej, Politechnika, Warszawa.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

P/516/62/000/026/001/005

AUTHOR: Palczewski, Antoni

TITLE: Analysis of the parameters affecting the time distortion of pulses transmitted by a pulse relay

SOURCE: Warsaw. Politchnika. Zeszyty naukowe. no. 61. 1962. Elektryka. no. 26. 3 - 12.

TEXT: The distortion (defined as the difference between relay pull-in and release time) is investigated and is shown to be affected by the load and by all the parameters affecting the relay operating time, namely the Q of the relay circuit, the length of the line connected to the relay winding, the pulse duty cycle, the amplification voltage, and the properties of the dial system. Only the first four parameters are discussed, the fifth being treated in a separate article. It is found that only the length of the line exerts a noticeable influence on the distortion. Conditions under which the distortion is negative or positive are treated along with the manner in which it affects the particular central station in which the relay is used. The conclusions of

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of the analysis are that when the pulse relay operates at positive distortion the maximum distortion can occur in the last pulses of the dialing series, provided the following conditions are simultaneously satisfied: the relay has the worse magnetic circuit quality and its winding is connected to the shortest line, while the amplification voltage in the central station has the lowest possible value. In the case of negative distortion, its maximum value can occur during the first pulse of the dialing sequence, under the following conditions: the magnetic circuit quality is optimal and its winding is connected to the longest line, the central-station amplification voltage being at its maximum permissible value. There is 1 figure.

ASSOCIATION: Politechnika Warszawska, Katedra techniki laczniowej (Warsaw Polytechnic Institute, Department of Communication Engineering)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

P/516/62/000/026/002/005

AUTHOR: Pulczewski, Antoni

TITLE: Effect of dial-pulse circuit on the operation of a pulsing relay

SOURCE: Warsaw. Politechnika. Zeszyty naukowe. no. 61. 1962. Elektryka. no. 26. 13 - 26.

TEXT: The time distortion caused by the parameters of the dialing circuit is discussed for local and trunk telephone systems with and without blocking capacitors. The distortion introduced into the pulsing relay is brought about by the need for equalizing the difference existing in certain central stations between the durations of the operating pulses of the dial system and the difference in the relay pull-in and release times. To keep the distortion within acceptable limits, it is necessary to maintain the circuit parameters in a certain range. The most important and most variable parameter is the length of the line connected to the relay winding. The use of capacitor charging and discharging currents for this purpose is described. The optimal circuitrly is presented and it is shown that while the distortion produced by

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Effect of dial-pulse circuit... P/516/62/000/026/002/005

it has a larger absolute value, the fluctuations in the distortion are smaller. The advantages of the proposed system over DC systems are also discussed.

ASSOCIATION: Politechnika Warszawska. Katedra Telstechniki Laczniowej. (Warsaw Polytechnic Institute. Department of Telecommunications-Engineering).

Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

KWAPISZ, M.; PALCZEWSKI, B.; PAWELSKI, W. (Gdansk)

On the existence and the unicity of solutions of certain differential equations of the type $u_{xyz}=f(x,y,z,u,u_x,u_y,u_z,u_{xy},u_{xz},u_{yz})$. Annales Pol math 11 no.1: 75-106 '61.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALCZEWSKI, B.; PAWELSKI, W. (Gdansk)

Some remarks on the uniqueness of solutions of the Darboux problem with conditions of the Krasnosel'skii-Krein type. Annales Pol math 14 no.2:97-100 '64

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PALCZEWSKI, B. (Gdansk)

On the uniqueness of solutions and the convergence of successive approximations in the Darboux problem under the conditions of the Krasnosel'skii-Krein type. Annales Pol math 14 no.2: 183-190 '64

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012388

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PALCZEWSKI, B.

Existence and uniqueness of solutions of the Darboux problem for equation $\frac{\partial^3 u}{\partial x_1 \partial x_2 \partial x_3} =$

$$f\left(x_1, x_2, x_3, u, \frac{\partial u}{\partial x_1}, \frac{\partial u}{\partial x_2}, \frac{\partial u}{\partial x_3}, \frac{\partial^2 u}{\partial x_1 \partial x_2}, \frac{\partial^2 u}{\partial x_1 \partial x_3}, \frac{\partial^2 u}{\partial x_2 \partial x_3}\right)$$

Annales Pol math 13 no.3:267-277 '63.

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PAICZEWSKI, J.

√4515. DESULPHURIZATION OF PETROLEUM PRODUCTS OF HIGH SULPHUR CONTENT. Krupa, H., Hasiorczyk, H. and Palczewski, J. (Nafta (Petroleum, Krakow), 1956, vol. 12, 72-76). General review of the methods available followed by list of those used in Poland. I.P.

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PALCZEWSKI, J.

1897. Desulphurization of petroleum products of high sulphur content. M. Kruna, H. Maslarczyk, and J. Palczewski. *Nafta (Krakow)*, 1956, 12, 72-6.--General review of the methods available, followed by list of those used in Poland. Also a mention of cat method with introduction of hydrogen from outside or using hydrogen from dehydration of cyclo-paraffins. M. S.

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PALCZEWSKI, J.

4

1. Desulfurization of high-sulfur-content petroleum products. Marian Krupa, Helena Masiarczyk, and Jan Palczewski. *Nafta* (Poland), 12, 72-6(1956).—A comprehensive review including data on the desulfurization of gasoline from Polish crude oils. Z. Kurtyka

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PALCZEWSKI, JAN

4

Desulfurization of high-sulfur-content petroleum products. Marian Krupa, Helena Masiarczyk, and Jan Palczewski. *Nafta* (Poland) 12, 72-6(1956).—A comprehensive review including data on the desulfurization of gasoline from Polish crude oils. Z. Kurtyka

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PALCZEWSKI, JAN

Poland/Chemical Technology - Chemical Products and Their Application. Treatment of Natural Gases and Petroleum. Motor Fuels. Lubricants, I-13

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62588

Author: Krupa, Marian; Masiarczyk, Helena; Palczewski, Jan

Institution: None

Title: Desulfurization of Petroleum Products Obtained from High Sulfur Content Petroleum

Original Periodical: Odsiarczanie produktow naftowych otrzymywanych z rop Wysokosiarkowych, Nafta (Polska), 1956, 12, No 3, 72-76; Polish

Abstract: Considered are the presently practiced in Poland procedures for desulfurization of petroleum products obtained from high sulfur content petroleum and also procedures recommended for adoption in practice: catalytic desulfurization of gasoline with the use of decolorizing clays or bauxite, extraction of mercaptanes with soda solution in the presence of methanol, etc.

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POLAND/Chemical Technology. Chemical Products and Their Applications. Cellulose and Its Derivatives. Paper.

Abs Jour: Ref Zhur-Khim., No 8, 1959, 29776.

Author : Palczewski, T.
Inst :
Title : Effect of Some of the Constituents of the Cooking Acid and of the Wood and of Cooking Conditions on the Formation of SO_4 Ions.

Orig Pub: Przeglad Papiern, 14, No 8, 231-237 (1958) (in Polish with English and Russian summaries)

Abstract: The effect of the conditions used for the preliminary heating and steeping of the chips, of the SO_2 concentration in the cooking acid, the extent of cooking of the cellulose, and of glucose, lignin, cymene,

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PALCZKOWA W.

POL.

3163 547.029.3 : 54 : 539.4 : 547.821 : 541.67.13

Palczkowa W., Jaworski T., Wolinski J. Dienic Reactions of Tetraphe- [redacted] with Nitriles. II. Aromatic α-ketonitrile Reactions.

„Reakcje dienowe tetrafenylocyklopentadienonu z nitrylami. II. Reakcje α-ketonitryli aromatycznych", Roczniki Chemii (PAN), No. 4, 1953, pp. 468—481.

Dienic reactions were examined of tetraphenyl cyclopentadienone with benzoyle cyanide and p-methoxybenzoyle cyanide. It was established that the ketones obtained, i.e. 2-benzoylo-and 2-(p-methoxybenzoylo)-tetraphenylopyridine, form in the presence of potassium or sodium under favourable conditions, free radicals and are easily reduced to corresponding carbinols.

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PALDI, Andras

Raw material supply of the food industry and the price policy; a debate with Lajos Molnar. Elelm ipar 17 no.1:31-3 of cover Ja '63.

1. Orszagos Tervhivatal.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

KOUTECKY, J.; PALDUS, J.; VITEK, V.

Calculation of the positions of the α- and β- bands in the electronic spectra of benzenoid hydrocarbons using the method of limited configuration interaction. Coll Cz Chem 28 no.6:1468-1482 Je '63.

1. Institute of Physical Chemistry, Czechoslovak Academy of Sciences, Prague and Mathematical-Physical Faculty, Charles University, Prague.

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PAGE 1

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: [not given]

Affiliation: Institute of Physical Chemistry, Czechoslovak Academy of Sciences, Prague

Source: Prague, Collection of Czechoslovak Chemical Communications, Vol 26, No 10, October 1961, pp [illegible]

Data: "Two Remarks Concerning the Properties of the Dewar Reactivity Number."

Authors:

KOUTECKY, J
PALDUS, J

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PALIUS, J.

Quantum chemical study of transannular interaction. Pt. 3.
Coll Cz Chem 28 no. 5:1110-1116 My '63.

1. Institute of Physical Chemistry, Czechoslovak Academy of Sciences, Prague.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

KOUTECKY, J.; PALDUS, J.

Calculation of the excitation energies of benzenium and diphenylmethyl ions by the semiempirical method of limited configuration interaction. Coll Cz Chem 28 no.6:1483-1490 Je '63.

1. Institute of Physical Chemistry, Czechoslovak Academy of Sciences, Prague.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALDUS, J.

Quantum chemical study of transannular interaction. Pt.4.
Coll Cz Chem 28 no.10:2667-2684 O '63.

1. Institute of Physical Chemistry, Czechoslovak Academy of Sciences, Prague.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

PALDUS, J.; KOUTECKY, J.

Quantum chemical study of transannular interaction. Part 2: Interaction of two double bonds in the molecules of germacrol and bicyclo-[1,2,2]-heptadiene-(2,5) and interaction of three double bonds in the molecule of barrelene. Coll Cz Chem 27 no.9:2139-2151 S '62.

1. Institute of Physical Chemistry, Czechoslovak Academy of Sciences, Prague.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001238

KOUTECKY, J.; PALDUS, J.; ZAHRADNIK, R.

A study of benzodithiylium by a simple MO LCAO method. Coll Cz chem 25 no.3:617-624 Mr '60. (EEAI 9:12)

1. Institute of Physical Chemistry, Czechoslovak Academy of Science and Institute of Industrial Hygiene and Occupational Diseases, Prague.
(Molecules) (Quantum theory) (Sulfur)
(Benzodithiylium)

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KACL, J.; KOLAR, J.; PALECEK, L.; PECHACEK, E.

Chondroma of the mediastinum. Sborn.lek. 62 no.9:249-252 S '60.

1. Radiologicka klinika fakulty viseobecneho lekarstvi University Karlovy v Praze, prednosta prof. dr. V.Svab. I. patologicko-anatomicky ustav fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta prof. dr. B.Bednar
(MEDIASTINUM neopl)
(CHONDROMA case reports)

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Investigation of application of cold plasmatron [illegible] as the fermentation medium for micro-organisms producing antibiotics. [illegible] [illegible] [illegible] [illegible] [illegible] (Prikl Biokhim Mikrobiol, 1970, 6, 150-190). — The [illegible] yields (mm expectoration) are given when cold-uncorrected potato is substituted for the wheat flour as the medium for penicillin, and the [illegible] wheat bran as the medium for streptomycin. [illegible]

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Drying of granulated blast-furnace slag on the Greenwalt and Dwight-Lloyd moving grate. A. M. Pahl. Tresoyma. Nauch.-Issledovatel. Inst. Tsement Nyali No. 1, 43-8(1937).—Preliminary lab. tests with a Greenawalt app. and factory trials in the drying of blast-furnace slag on the Dwight-Lloyd moving grate have led to the conclusion that a marked economy of heat is effected by this method of drying compared with the usual method of drying in drums. Tests of specimens of portland blast-furnace cement prepd with slag dried on the Dwight-Lloyd grate have not shown any reduction of strength.

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PALCYSKAYA, D. Equilibrium of formation of tetrafluoboric acid in mixtures of hydrofluoric and boric acids. I. G. Ryss, M. M. Slutskaya, and S. D. Palcyskaya. Zhur. Fiz. Khim. (J. Phys. Chem.) 22, 1322-30(1948); cf. C. A. 41, 6798f.--Mixts. of x mols. HF and y mols. H_3BO_3 were dissolved in water in waxed flasks. Some days later an excess of alkali was added, then inverted sugar, and the soln. was titrated (phenolphthalein). The decrease in acidity showed the amt. a of BF_4^- formed. When x:y was 4, a was over 0.9y, when x was 1.5 or greater, and was smaller the smaller x was (c.g. a = 0.75 y at x = 0.1). The equil. is represented by the reaction $BF_4^- + H_2O = BF_3OH^- + HF$, and the const. $K = x(y - a)^2/4ay$ is at 11-18° about 3×10^{-3} mol./kg., i.e. agrees with that calcd. from hydrolysis of KBF_4 (C. A. 41, 1534i). When x was 1, a was 0.66y at x:y = 1 and 0.98 y at x:y = 6. If HBF_4 were the sole reaction product of HF and H_3BO_3, a would have a min. at x:y = 4; as a is smaller in the presence of an excess of H_3BO_3, hydroxyfluoboric acids must have formed. The yield a was even smaller when HF was dissolved in a satd. soln. of H_3BO_3. The method of prepg. HBF_4 solns. by satg. HF solns. with H_3BO_3 results in solns. contg. much BF_3OH^-. The titration of HBF_4 solns. according to Kern and Jones (C.A. 24, 5668) yields incorrect values. T.J. Bikerman

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PROCESSES AND PROPERTIES INDEX

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The study of improved methods of gold extraction from — **auriferous arsenic ores.** I. W. Tomassi and W. Pal-czewska. *Przegląd Chem.* 6, 136-7(1948).—Complete extn. of Au by Plattner's Cl process is achieved by initial treatment of roasted ore (Au content 40-60 g. per ton) with boiling 50-60% (by wt.) H_2SO_4 for 2-6 hrs. II. W. Tomassi and M. Taube. *Ibid.* 137-9.—In order to ext. the remaining Au from the roasted ore (from which some Au had already been extd. by an unspecified method leaving 15-25 g. per ton) the following methods were used: (1) digesting with cold 50% (by wt.) H_2SO_4, (2) boiling with 50% H_2SO_4 for 3 hrs., (3) boiling with H_2O for 3-6 hrs., and (4) boiling with H_2O under 4 atm. for 3 hrs. Complete extn. was achieved only with method 2, followed by Plattner's Cl process. Without initial heating with H_2SO_4 all the methods used (bromination, Cl, and cyanide processes) failed to ext. Au from the ore.

A. Sporzyński

COMMON ELEMENTS

MATERIALS INDEX

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MALCZYNSKI, J.

Renovation of crushed-stone and road surfaces with a single-layer coarse- rain covering. p. 16.

(DROGOWNICTWO. Vol. 15, No. 1, Jan. 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAI) LC. Vol. 6, No. 10, October 1957. Uncl.

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