"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

S/081/62/000/015/013/038
B168/B101

AUTHOR: Maszczyński, Edward

TITLE: Heaters made from ceramics

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 15, 1962, 379, abstract 15K233 (Gaz, woda i techn. sanit., v. 35, no. 12, 1961, 473-475)

TEXT: An experiment in the use of ceramic heaters manufactured in Eastern Germany is described. Two types of paste were used: 1) a type of hard porcelain, and 2) a porcelain-like paste known as "porcelite". Data on heaters made of both the above-mentioned pastes - their dimensions, design and operating results - are given. It is noted that ceramic heaters, especially those of hard porcelain, proved very satisfactory in practice. The main disadvantage is their relatively low mechanical strength. [Abstracter's note: Complete translation.]

Card 1/1

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MASZCZYNSKI, Edward (Warszawa)

Organization and certain new methods in plumbing and other installation works in apartment and industrial building. Przegl budowl i bud mieszk 33 no.12:730-734 D '61.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

CHYBOWSKI, Bohdan, inz.; KAMLER, Witold, prof. mgr inz.; KOLODZIEJCZYK, Leon, doc. dr inz.; MASZCZYNSKI, Edward, mgr inz.

Problem of using liquid fuels for central heating systems in Poland. Gaz woda techn sanit 37 no.4/5:118-123 Ap-My '63.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MASZCZYNSKI, Edward, mgr inz.

Present state and development prospects of heating engineering in Poland. Gaz woda techn sanit 38 no.2:56-59 F '64.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MILLER, Wieslaw; MASZEWSKA-KUZNIARZ, Krystyna

A case of ectodermal dysplasia. Pediat. pol. 38 no.9:841-844 S '63.

1. Z Kliniki Chorob Dzieci Slaskiej AM w Zabrzu Kierownik: prof. dr med. A. Chwalibogowski.
(ECTODERMAL DEFECT, CONGENITAL)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

KORCZOWSKI, Ryszard; MASZEWSKA-KUZNIARZ, Krystyna

Contribution to the differential diagnosis of rheumatic disease. Pediat. Pol. 39 no.9:1063-1068 S '64

1. Z Kliniki Chorob Dzieci Slaskiej Akademii Medycznej w Zabrzu (Kierownik: prof. dr. med. A. Chwalibogowski [deceased]).

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MASZEWSKA-KUZNIARZ, Krystyna

On septicemias caused by E. coli in the light of personal observations. Pediat. Pol. 39 no.9:1077-1082 S '64

1. Z Kliniki Chorob Dzieci Slaskiej Akademii Medycznej w Zabrzu (Kierownik: prof. dr. med. A. Chwalibogowski [deceased]).

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

PRUSEK, Wieslaw; MASZKIEWICZ, Waldemar

A case of Colley's anemia (thalassemia minor) in a 2-year-old boy. Wiad. lek. 18 no.4:345-350 15 F '65

1. Z Oddzialu Dziecieciego Szpitala Wojewodzkiego we Wroclawiu (Ordynator: dr. R. Pofelis).

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

KANIAK, Jozef; prof. dr. med.; GRUSZKA, Stanislaw, dr. med.; MASZKIEWICZ, Waldemar

Some clinical problems of smallpox. Pol. tyg. lek. 20 no. 10: 350-353 8 Mr '65

1. Ze Szpitala Zakaznego w Przasniku (Konsultant: prof. dr. med. Jozef Kaniak; Kierownik Szpitala: dr. med. Stanislaw Gruszka).

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MASZKIEWSKI, Janusz

Improvement of internal transportation in the National Guard Wool Plants in Lodz. Ekonomika org pracy 13 no.4:154-161 Ap '62.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

BUKOWSKI, Janusz; GRZYBOWSKI, Janusz; KLISZCZ, Waclaw; SZUBINSKI, Miroslaw; MASZKOWSKI, Zbigniew; ZIAREK, Stanislaw

Polarographically active sulfur groups in experimental traumatic shock. Acta physiol. Pol. 16 no.3:441-444 My-Je '65.

1. I Klinika Chirurgiczna Slaskiej AM w Zabrzu (Kierownik: prof. dr. St. Szyszko) i Szpital Powiatowy w Kozlu (Dyrektor: dr. Zdzislaw Teleszynski).

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MASZNICZ, Leszek

Whilden Breen's experiment. Problemy 19 no.6:387 '63.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MASZTAK, Rafal (Warszawa, Zelazna 101, m 13)

Surgical treatment of angina pectoris. Polski tygod. lek. 9 no.46:1495-1498 15 Nov 54.
(ANGINA PECTORIS, surgery.)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MASZTALERZ, Adam

Nasal-jaw index. Czas. stomat. 18 no.4:435-440 Ap'65.

1. Z Zakladu Ortodoncji Akademii Medycznej we Wroclawiu (Kierownik: prof. dr. H. Gorczynski).

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MASZTIS, Gyorgy, dr.

Dental care within the framework of social insurance. Hung TU no.2:10-11 F '63.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

SIPOVA, I.; RABOCH, J.; statisticke zpracovani: MAT, Mg; MALY, Vl.

Effect of testoids on the sexual development and life of 51 males with 46 feminine nuclear structure. Cesk.psychiat.57 no.1: 22-28 F '61.

1. Sexuologicky ustav Karlovy university v Praze.
(ANDROGENS ther)
(HYPOGONADISM ther)
(SEX CHARACTERISTICS)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATA, Karel, inz.

The tasks of the control service of regional telecommunication [illegible]kes. Cs spoje 7 no.3:12-14 Mr '62.

1. Severoceska krajska sprava spoju.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATA, Karel, inz.

The tasks of the measurement service of regional telecommunication administration. Cs spoje 7 no.4:6-9 Ap '62.

1. Severoceska krajska sprava spoju.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATABELI, G.V.

Clinical aspects, therapy and prevention of balantidiasis. Med. paraz. i paraz. bol. 24 no.4:322-326 O-D '55. (MIRA 9:1)

1. Iz Instituta malyarii i meditsinskoy parazitologii imeni prof. S.S. Virsaladze, Ministerstva zdravookhraneniya Gruzinskoy SSR (dir.-prof. G.M. Maruashvili)
(BALANTIDIASIS,
clin. aspects, prev. & ther.)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

USSR/Zooparasitology. Infusoria

Abs Jour: Ref Zhur-Biol., No 17, 1958, 76934.

Author : Matabeli, G. V.
Inst :
Title : Observations of the Clinical Course, Treatment and Prophylaxis of Balantidiosis in the Site of the Illness.

Orig Pub: Byul. N-i. in-t malyarii i med. parazitol. GruzSSR, 1956, No (28), 104-121.

Abstract: No abstract.

Card : 1/1

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATABELI, G. V.

MATABELI, G. V., Cand Med Sci -- (diss) "Observations of the clinical course, treatment, and prophylaxis of balantidiosis at the focus of the disease." Tbilisi, 1958. 26 pp. (Tbilisi State Med Inst), 200 copies. (KL, 9-58, 123)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

KURNOSOVA, N.A.; [illegible], V.A.; RAKHMAN, E.Z.; YAVRUMOV, V.A.; KIRYUSHINA, L.A.; MANOLOVA, E.P.; ESSEL', A.Ye.; TARASOVA, M.A.; PIROGOVA, A.I.; PIROGOV, I.Ya.; AKOPYAN, R.A.; BABUNASHVILI, N.P.; PROTSENKO, [illegible]; PUNSKAYA, I.G.; BURMISTROVA, O.G.; POGOREL'SKAYA, S.A.; D'YACHENKO, T.F.; TOPURIYA, I.I.; MATABELI, G.V.; GIGITASHVILI, M.S.; VACHNADZE, T.G.; MAZURIN, N.D.; NABIYEV, E.G.; BLOKHOV, V.P.

Abstracts. Zhur. mikrobiol., epid. i immun. 41 no.4:1[illegible]-1[illegible] Ap '64. (MIRA 18:[illegible])

1. Moskovskiy institut epidemiologii i mikrobiologii (for Kurnosova). 2. Faleshtskaya rayonnaya bol'nitsa Moldavskoy SSR i Vinnitskiy meditsinskiy institut imeni Pirogova (for Bondarenko). 3. Stavropol'skiy institut vaktsin i syvorotok (for Rakhman). 4. Kaluzhskiy oblastnoy otdel zdravookhraneniya (for Yavrumov, Kiryushina). 5. Donetskiy meditsinskiy institut (for Manolova). 6. Tbilisskaya rayonnaya imeni 26 komissarov sanitarno-epidemiologicheskaya stantsiya (for Akopyan, Babunashvili). 7. Kemerovskiy meditsinskiy institut (for Protsenko). 8. Turkmenskiy meditsinskiy institut (for Punskaya, Burmistrova). 9. Gor'kovskiy institut epidemiologii i mikrobiologii i Gor'kovskaya rayonnaya sanitarno-epidemiologicheskaya stantsiya (for Pogorel'skaya, D'yachenko). 10. Institut meditsinskoy parazitologii i tropicheskoy meditsiny imeni Virsaladze Ministerstva zdravookhraneniya Gruzinskoy SSR (for Topuriya, Matabeli, Gigitashvili, Vachnadze). 11. Kazanskiy institut usovershenstvovaniya vrachey (for Nabiyev).

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATACHE, Constantin

Rumanian committee for wages, work standardization, and improvement of professional qualifications. Munca sindic 6 no.6:38-41 Je '62.

1. Vicepresedinte al comitetului sindicatului Uzina de pompe si masini agricole, Bucuresti.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

L 39136-66 EWP(j)/T IJP(c) RM

ACC NR: AP6030343 SOURCE CODE: RU/0003/65/016/003/0134/0138

31
B

AUTHOR: Frunza, Gh.; Matache, S.

ORG: none

TITLE: Production of pure acrylonitrile for the manufacturing of synthetic fibers

SOURCE: Revista de chimie, v. 16, no. 3, 1965, 134-138

TOPIC TAGS: synthetic fiber, acrylonitrile, acetylene, monomer

ABSTRACT: After a general discussion of the purification methods for acrylonitrile used in most existing plants, the authors describe a simplified purification method for the monomer obtained by the direct method from acetylene and hydrocyanic acid. Some data are presented showing the efficacy of the method in laboratory tests. This work was carried out at the Synthetic Fibre Plant, Savinesti. Orig. art. has: 5 figures and 8 tables. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 07, 11 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 006

Card 1/1

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

VALASUTEANU, E., chim; FULGA, Fany, ing.; MATACHE, Viorica, chim.; ROSU, Dorothea, chim.

Methods of determining the reduction of milk aciditu.
Ind alim 14 no.9:354-357 S'63.

1. Ministerul Industriei Alimentare (for Valasuteanu).
2. Intreprinderea de contractarea si industrializarea laptelui, Bucuresi (for Fulga, Matache, Rosu).

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATACHE, V., ing.; ROSU, D., ing.

Therapeutic action of lacteous products. St si Teh Buc 16 no.4:40-41 Ap '64.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

ACC NR: AP6022001 SOURCE CODE: UR/0120/66/000/003/0082/0088

AUTHOR: Puzanov, V. V.; Shtranikh, I. V.; Matachun, A. T.

ORG: Physics institute, AN SSSR, Moscow (Fizicheskiy institut AN SSSR)

TITLE: An interim memory unit for a multidimensional analyzer

SOURCE: Pribory i tekhnika eksperimenta, no. 3, 1966, 82-88

TOPIC TAGS: storage device, magnetic drum, spectrometry

ABSTRACT: Several methods of designing multidimensional memory units, based on memories of the dynamic type such as delay lines and magnetic drums, for use in multichannel spectrometers of nuclear physics are discussed. Memory circuits are presented and the operation of the basic functional memory elements on shift registers with a storage capacity of 5 digits is described. A theoretical analysis is also made of the accuracy of a memory unit of the similar type. Experiments have shown that such a system can record pulses occurring statistically with an intensity of up to 200 pulse/sec with a 1% error. The structure of such a memory unit is shown to considerably depend on how the numbers and their digits are arranged in the basic memory, i.e., on the surface of a magnetic drum. In this case in registering two parameters of an arbitrary event the value of one parameter is determined by the number of the larger sector (ni) of the drum and the other parameter is determined by the track number (mi). The number of identical events is recorded in a sequential code within each track mi in the region of sectors ni. Intermediate recording versions are also

UDC: 539.1.075

Card 1/2

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

ACC NR: AP6022001

possible. Orig. art. has: 3 figures.

SUB CODE: 09, 20/ SUBM DATE: 18May65/ ORIG REF: 004/ OTH REF: 002

Card 2/2

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATACZYNO, M.

0-3

POLAND/Special and General Zoology - Insects.

Abs Jour : Referat Zhur - Biologiya, No 16, 1957, 69901

Author : Mataczyno, M.
Inst :
Title : Blastodacna Putripennella Zell.- A Dangerous Overland Pest.

Orig Pub : Przegl. orgrodn., 1956, 33, No 10, 12-13

Abstract : No abstract.

Card 1/1

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATAFONOV, I. I.
Min Higher Education USSR. Omsk State Veterinary Inst.

MATAFONOV, I. I.- "Some data on the pharmacology and antibrucellotic properties of eucalyptus oil (oleum Eucalypti)." Min Higher Education USSR. Omsk State Veterinary Inst. Omsk, 1955.
(Dissertation for the Degree of Candidate in Veterinary Sciences)

SO: Knizhnaya Letopis', No. 20, 1956

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

L 45221-65 EWT(1)/EWA(h) Peb GS

ACCESSION NR: AT5011633 UR/0000/64/000/000/0604/0615

B+1

AUTHOR: Lyasko, A. B.; Ostrovskaya, L. I.; Matafonova, E. P.

TITLE: Parametric effects in first-order circuits with concentrated parameters

SOURCE: Vsesoyuznoye soveshchaniye po magnitnym elementam avtomatiki, telemekhaniki izmeritel'noy i vychislitel'noy tekhniki. Lvov, 1962. Magnitnyye elementy avtomatiki, telemekhaniki, izmeritel'noy i vychislitel'noy tekhniki (Magnetic elements measurement and computer engineering);

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

ki izmeritel'noy i vychislitel'noy tekhniki (Magnetic ... avtomatiki, telemekhaniki, izmeritel'noy i vychislitel'noy tekhniki (Magnetic ... ments of automatic control, remote control, measurement and computer engineering); trudy soveshchaniya. Kiev, Naukova dumka, 1964, 604-615

TOPIC TAGS: parametric effect, first order circuit, concentrated parameter circuit, parametric detector, parametric frequency multiplier

ABSTRACT: Several papers have recently investigated, in considerable detail, parametric frequency multiplication and detection in the UHF range in ferrite-containing circuits with distributed parameters. The present paper analyzes the same effects in circuits with concentration parameters as shown in Fig. 1 of the Enclosure. The results of theoretical and experimental investigations show that 1) the parametric detector (PD) and the parametric frequency doubler (PFD) of AM HF-cir-

Card 1/4

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L 45721-65

ACCESSION NR: AT5011633

cuit oscillations is a special case of synchronous detectors (frequency multipliers) in which it is the inductance which changes parametrically and not the active resistance (the control parameter is the detecting (multiplication frequency) signal instead of the special signal from the local heterodyne); 2) the PD (PFD) is a quadratic detector (multiplier) since the transfer current coefficient of the PD and PFD depends on the amplitude of the transferred current (this means that one can attain significant magnitudes of the respective coefficients); 3) in contradistinction to the quadratic detection in devices with nonlinear volt-ampere characteristics, quadratic parametric detection occurs at higher levels of the input signal, and the nonlinear distortion coefficient can be reduced to zero; 4) the PFD frequency characteristics are similar to the characteristics of a low frequency filter; 5) during the parametric doubling of the AM frequency of HF current oscillations the circuit acts as a parametric amplifier of the modulation depth; 6) the PFD may be used in practice as a selector of current harmonics; 7) the PD may be used in remote control systems for detection at high levels of power and for the absolute power measurements of HF current oscillation sources; and 8) the basic calculational equations obtained by means of the "small Poincare parameter"

Card 2/4

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L 45721-65

ACCESSION NR: AT5011633

proved to be quite accurate: errors during PFD design did not exceed 10%, while in the case of the PD it was below 30%. This is fully satisfactory since the ferrite toruses alone exhibit parameter spread up to 50%. Orig. art. has: 52 formulas, 6 figures, and 1 table.

ASSOCIATION: None

SUBMITTED: 29Sep64 ENCL: 01 SUB CODE: EC, DP

NO REF SOV: 007 OTHER: 000

Card 3/4

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

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ENCLOSURE: 01

ACCESSION NR: AT5011633

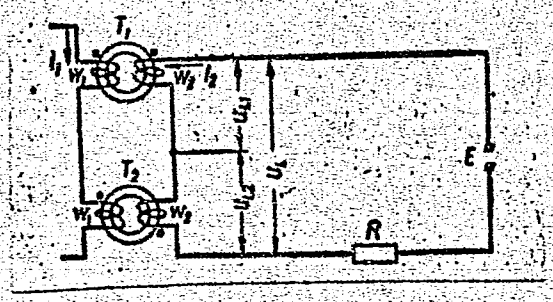

Figure 1. First-order system with concentrated parameters.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

L 18458-66 EWT(d)/EWP(1) IJP(c) BB/GG

ACC NR: AP6006382 SOURCE CODE: UR/0413/66/000/002/0115/0115

INVENTOR: Bol'shchikov, V. A.; Lyasko, A. B.; Matafonova, E. P.; Syrykh, A. N.

ORG: none

44
B

16,44

TITLE: Ten-position multistable element. Class 42, No. 178168

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1966, 115

TOPIC TAGS: flip flop circuit, RC circuit, parametron, logic element, computer component

ABSTRACT: This Author's Certificate introduces a ten-position multistable element containing pentastable parametrons and a delay line. Reliability of the device is improved by using a transistorized symmetric potential flip-flop of the counter type. The collectors of the transistors are connected to circuits of parametric elements on the fifth subharmonic through decoupling networks containing a series-connected choke and capacitor. The circuit of the first pentastable parametron is connected to the coupling transformer of the second parametron through a decoupling network made up of a resistor and capacitor. The circuit of the second parametron is connected to the coupling transformer of the first parametron through a similar decoupling network and a delay line.

UDC: 681.142.07

Card 1/2

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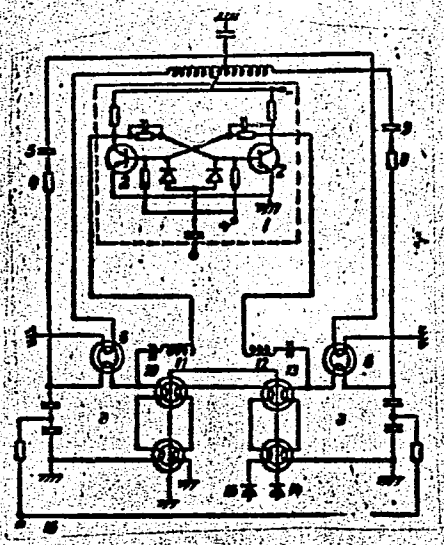
"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

L 18458-66

ACC NR: AP6006382



1 - potential static flip-flop; 2 - transistors; 3 - pentastable parametrons; 4 and 5 - RC decoupling network; 6 - input transformers; 7 - 72° delay line; 8 and 9 - RC decoupling network; 10-13 - LC decoupling network; 14 - bias current; 15 - pumping current; 16 - bias voltage.

SUB CODE: 09/ SUBM DATE: 27Feb64

Card 2/2 mjs

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

TIMOFEYEVA, L.A.; ZHOVTYY, I.F.; NEKIPELOV, N.V.; GOLOVACHEVA, V.Ya.; GORDIYENKO, G.P.; DUBOVIK, N.M.; KOROBEYNIKOVA, A.I.; MIRONOVA, L.P.; MERINOV, S.P.; MATAFONOVA, Z.G.; SHVEDKO, L.P.; VASINOVICH, M.I.

Search for plague and other epizootic diseases in a Transbaikalian plague focus. Report No.2. Izv.Irk.gos.nauch.-issl.protivochum. inst. 20:3-13 '59. (MIRA 13:7)
(TRANSBAIKALIA--RODENITA--DISEASES AND PESTS)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATAI, L.

Visit to Rumanian film experts, p. 80, KEP ES HANGTECHNIKA, (Optikai es Kinotechnikai Tudomanyos Egyesulet) Budapest, Vol. 2, No. 3, June 1956

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

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATAI, Pal

Protection of social property is the concern of all of us. Munka 4 no.12:3-7 D '54.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATAJC, Leo

Convulsions in children. Zdrav. vest., Ljubljana 23 no.7-8: 151-155 1954.

1. Pediatricna klinika Medicinske visoke sole v Ljubljani, predstojnik doc. dr. Marij Avcin.
(CONVULSIONS, in inf. & child)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

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MATAJC, Leo

Urgent cases in stomatology. Zdrav. vest., Ljubljana 23 no.7-8: 155-159 1954.

1. Pediatricna klinika Medicinske visoke sole v Ljubljani, predstojnik doc. dr. Marij Avcin.

(MOUTH, dis.
infect., ther.)
(JAWS, dis.
osteomyelitis, ther.)
(OSTEOMYELITIS
jaws, ther.)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATAJC, L.; FETTICH, D.

Controlled rehydration. Zdrav. vest., Ljubljana 23 no.11-12: 279-292 1954.

1. Pediatricna Klinika medicinske visoke sole v Ljubljani-Predstojnik doc. dr. Marij Avcin.
(DEHYDRATION, in inf. & child.
ther., controlled rehydration (Slov))

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATAJC, Leo

An infant or a newborn in the hospital or in Children's Home.
Zdrav. vest., Ljubljana 24 no.1-2:47-49 1955.

1. Otroska klinika medicinske visoke sole v. Ljubljani--pred. doc. dr. M. Avcin.

(CHILDREN WELFARE,
Children's Home in Ljubljana, ment. hyg. in (Sl))
(HOSPITALS,
pediat., ment. hyg. in (Sl))
(MENTAL HYGIENE,
in pediat. clinic of hosp. & Children's Home in Ljubljana (Sl))

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATAJC, Lev

Surname (in caps); Given Names

Country: Yugoslavia

Academic Degrees: [not given]

Affiliation: Pediatric Clinic of the Faculty for General Medicine and Stomatology (Pediatricna Klinika Fakultete za Splosno Medicino in Stomatologijo), Ljubljana; Director (Predstojnik): Prof Dr Marij Avoin

Source: Ljubljana, Zdravstveni Vestnik, Vol XXX, No 1-2, 1961, pp 29-30

Data: "Modern Methods of Detection of Moderate Forms of Thalassemias."

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MATAJC, L.

Mushroom poisoning (mycetismus). Zdrav. vestn. 33 no.4:119-123 '64

1. Klinica bolnisnica za otroske bolezni v Ljubljani (V.d. ravnatelj prof. dr. Leo Matajc).

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MATAJC, L.

Quantitative evaluation of bacteriuria and its significance. Zdrav. vestn. 34 no.7/8:146-153 '65.

1. Klinicna bolnisnica za otroske bolezni (ravnatelj: prof. dr. Leo Matajc).

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATAKIEV, D.

Infectious mononucleosis with diuretic nephritis. Suvrem.med., Sof. 6 no.4:102-105 '55.

1. Iz Med.-san. chast pri DMP mini Georgi Dimitrov-gr. Dimitrovo
(INFECTIOUS MONONUCLEOSIS, complications, nephritis)
(NEPHRITIS, complications, infectious mononucleosis)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

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MATAKIEV, D.; PAVLOV, K.

Liver diseases and peptic ulcer. Suvrem. med., Sofia 8 no.11:75-81 1957.

1. Iz Med. san. chast pri DMP mini G. Dimitrov gr. Dimitrovo.
(LIVER DISEASES, compl.
peptic ulcer (Bul))
(PEPTIC ULCER, compl.
liver dis. (Bul))

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATAKIEV, D.; DIMITROV, N.; NINOV, L.

On 3 fatal cases of agranulocytosis. Suvrem med., Sofia no.9:114-118 '60.

1. Iz Gradskata obedinena bolnitsa v Dimitrovo (Gl.lekar N.Vasilev)
(AGRANULOCYTOSIS case reports)

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MATAKIEV, D.

Eosinophilic pleurisy in ascariasis. Suvr. med. 12 no.8:103-106 '61.

1. Iz Meditsinskata sanitarna chast pri Durzhavnoto minno predpriiatie mini "G. Dimitrov", Dimitrovo.

(PLEURISY etiol) (EOSINOPHILS)
ASCARIASIS compl)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

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1. MATAKONIS, A.V.; BAZEVICHUS, I.M.

2. USSR (600)

4. Woolen and Worsted Manufacture

7. Cut-pile drapes of blended fiber. Tekst.prom. 12 no.10, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

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MATAKU, I.

MATAKU, I.

Relays in physiology. Physiol. bohem. 6 no.2:264-272 1957.

1. Voenno-meditsinskaya akademiya im. Ya. Ye. Purkine, Gradets Kralove.
(PHYSIOLOGY, appar. & instruments
electromagnetic relays (Rus))

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MATALASOV, S. F.

Refrigeration in railway transport. Moskva, T'ranszheldorizdat, 1938. 263 p.

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MATALASOV, S. F.

Refrigeration in railroad transportation; a textbook. Moskva, Transzheldorizdat, 1939. 202 p. (50-40146).

TF477.M35

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

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MATALASOV, S. F.
USSR/Railways - General Bibliography

4602.0100

Dec 1947

"Book Shelf" 1 p

"Zh-d Transport" No 12

Summaries and information on number of pages and price given for following books published by Transzheldorizdat in 1947: "Soviet Railroad Transport 1917 - 1947," by I. V. Kovalyev; "Transportation of Easily Perishable Freight," by S. F. Matalasov and V. P. Potapov; "Locomotives Ea and Em," by N. G. Luginin; "Operational-statistical Accounting at a Station," by B. I. Petrokanskiy and O. V. Myasnikova; "New Technology in Installing Communications and Light Signals (STsB)"; "Steel Concrete Which Has Been Previously under Tension," by A. P. Korovkin.

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MATALASOV, S. F.

Refrigerator car transportation. Moskva, Gos. Transp. zhel-dor. izd-vo, 1952. 224 p. (53-23918)

TF477.M348

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MATALASOV, S.F.

MATALASOV, S.F.; POTAPOV, V.P.; SHISHLYKOV, Ye.S., inzhener, redaktor; YUDZON, D.M., tekhnicheskiy redaktor

[Refrigeration and organization of perishable goods transportation] Kholodil'noe delo i organizatsiia perevozok skoroporiashchikhsia gruzov na zheleznykh dorogakh. Moskva, Gos. transp. zhel-dor. izd-vo, 1953. 263 p. (MLRA 7:9)

(Refrigeration and refrigerating machinery)
(Refrigerator cars) (Food--Preservation)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATALASOV, S.F., kand. tekhn. nauk

Principles of the distribution of icing points along the railroad network. Vest. TSNII MPS 18 no.7:35-38 N '59. (MIRA 13:2)

(Refrigerator cars) (Railroads--Equipment and supplies)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATALASOV, Stepan Fedorovich; KOMAROV, N.S., prof., red.; KHITROV, P.A., tekhn.red.

[Refrigerated railroad transportation] Zheleznodorozhnyi khladotransport. Izd.2, ispr. i dop. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia, 1960. 235 p. (MIRA 13:7)

(Refrigerator cars)

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MATALASOV, S., kand.tekhn.nauk

Selecting the optimum thickness for ice mound covers. Khol. tekh. 37 no.1:32-34 Ja-F '60. (MIRA 13:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta.
(Ice--Storage)

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MATALASOV, S.F., kand.tekhn.nauk

Transportation of perishable goods and expansion of the refrigeration transportation in the seven-year plan. Zhel.dor. transp. 42 no.2:22-27 F '60. (MIRA 13:5)
(Refrigerator cars)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

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DEMIBAS, Andrey Terent'yevich; POTAPOV, Vladimir Pavlovich; BABAK, L.G., inzh., retsenzent; SAMOYLOV, I.A., retsenzent; CHUMAGIN, A.I., inzh., retsenzent; GORDON, M.D., kand. tekhn. nauk, prepodavatel', retsenzent; DZHUMABAYEV, S.M., inzh., prepodavatel', retsenzent; MATALASOV, S.F., kand. tekhn. nauk, red.; MAKUNI, Ye.V., tekhn. red.

[Organization of freight and commercial operations]Organizatsiia gruzovoi i kommercheskoi raboty. Izd.2., perer. i dop. Moskva, Transzheldorizdat, 1961. 253 p. (MIRA 15:10)

1. Kafedra "Organizatsiya gruzovoy i kommercheskoy raboty" Tashkentskogo instituta inzhenerov zheleznodorozhnogo transporta (for Gordon, Dzhumabayev).
(Railroads—Management) (Railroads—Freight)

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MATALASOV, S.F., kand.tekhn.nauk

Freezing of bulk freight in transportation. Vest. TSNII MPS 21 no.1:43-49 '62. (MIRA 15:2)
(Railroads--Freight--Cold weather conditions)

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MALAKHOV, K.N.; MATALASOV, S.F.

Practices of freight and commercial operations on the railroads of Czechoslovakia. Zhel.dor.transp. 44 no.1:85-89 Ja '62. (MIRA 14:12)

1. Glavnyy inzhener Glavnogo gruzovogo upravleniya Ministerstva putey soobshcheniya (for Malakhov). 2. Rukovoditel' sektora otdeleniya gruzovoy raboty Vsesoyuznogo nauchno-issledovatel'skogo instituta zheleznodorozhenogo transporta Ministerstva putey soobshcheniya (for Matalasov).
(Czechoslovakia--Railroads--Freight)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

POTAPOV, V.N.; MATALASOV, S.F., kand.tekhn.nauk; MALAKHOV, K.N.

New design requirements for freight cars. Zhel.dor.transp. 44 no.8:28-32 Ag '62. (MIRA 15:8)

1. Nachal'nik Glavnogo gruzovogo upravleniya Ministerstva putey soobshcheniya (for Potapov). 2. Glavnyy inzh. Glavnogo gruzovogo upravleniya Ministerstva putey soobshcheniya (for Malakhov).
(Railroads--Freight cars--Design and construction)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

VINOKUROV, A.D., inzh.; DYUBKO, A.P., inzh.; LEVSHIN, B.S., inzh.; L'VITSIN, N.F., inzh.; RESHETIN, I.S., inzh.; KHUDYAKOVSKIY, Yu.K., inzh.; SHAPOVALENKO, M.M., inzh.; SHATSKAYA, E.P., inzh.; MATALASOV, S.F., kand. tekhn.nauk, retsenzent; SHISHLYKOV, Ye.S., inzh., red.; KHITROVA, N.A., tekhn. red.

[Manual on the transportation of perishable goods] Spravochnik po perevozke skoroportiashchikhsia gruzov. [By] A.D. Vinokurov i dr. Moskva, Transzheldorizdat, 1963. 323 p. (MIRA 16:10)

(Railroads--Freight) (Refrigerator cars)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATALASOV , S.F., kand.tekhn.nauk

Heat calculations for refrigerator cars. Vest. TSNII MPS 22 no.8: 34-35 '63. (MIRA 17:2)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

NATALASOV, S.F., kand. tekhn. nauk; NOSKOV, Yu.A., inzh.; Prinimali uchastiye: RAMODIN, V.N., inzh.; SUGAK, P.A., kand. tekhn. nauk; CHINAREV, S.S., inzh.; KURITSYN, V.I.; YAKUBOV, M.A.; VAVILOV, G.S., starshiy mekhanik; OVCHINNIKOV, Yu.P., starshiy mekhanik; DEVICHINSKIY, Yu.V., starshiy laborant; GOL'DENTUL, A.B., inzh.; VORGE'YEVA, T.M., starshiy tekhnik

[Transportation of goods subject to freezing; problem in the theory of freezing and the mechanization of loosening operations.] Perevozki smerzaiushchiksia gruzov; voprosy teorii smerzaniia i mekhanizatsii rykhleniia. Moskva, Transport, 1964, 132 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no.273). (MIRA 17:9)

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NOSKOV, Yu.A.; MATALASOV, S.F.; [illegible], V.I.

Equipment for the loosening-up of bulk loads frozen together.
Metallurg [illegible] no.[illegible]:12-13 [illegible] '64. [illegible]

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

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NOSKOV, Yu.A.; MATALASOV, S.F.; CHERNYAYEV, V.I.

Mechanization of the unloading of frozen freights. [illegible]
40 no.12:93-[illegible] D '64.

1. Vsesoyuznyy nauchno-issledovatel'skiy inst tut zheleznodorozhnogo transporta Ministerstva putey sooobshcheniya i Vsesoyuznyy nauchno-issledovatel'skiy institut transportnogo stroitel'stva gosudarstvennogo proizvodstvennogo komiteta po transportnomu stroitel'stvu [illegible] SSSR.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATALASOV, S.E., kand. tekhn. nauk; NOSKOV, Yu.A., inzh.

Improving the transportation of freezable bulk freight. Chel. dor. transp. 47 no.1:27-29 Ja '65. MIRA 18:2

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATALEWSKI, Stefan

Freezing at the Polish seashore during the period 1948/1949-1957/1958. Przegl geofiz 6 no.1/2:33-35 '61.

1. Pantwowy Instytut Hydrologiczno-Meteorologiczny.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATALIK, A.A., kandidat tekhnicheskikh nauk, dotsent.

Special features in grinding processes. Trudy LIEI no.8:162-177 '54. (MIRA 9:9)
(Grinding and polishing)

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MATALIN, A. A., YAKHIN, A. B., MALOV, A. N., and KASHEPAVA, M. Ya.

"Technology of Precision Instrument Construction," Oborongiz, 1949

Translated TABCON W-13137, 1 Sep 50

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12-231. Technological Precision and Fineness of Machining. (In Russian) A. A. Matalin. *Stanki i Instrument* (Machine Tools and Equipment), v. 20, July 1949, p. 19-22

Analyzes surface-finish standards used by the Bureau of Standards and the U.S.S.R. Classification according to this standard and its relation to different types of material and methods of machining

METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATALIN, A. A.: SHOLINA, N. YE.

Measuring instruments

Errors in measuring and limits of practical use of the electrodynamic profile measuring instrument KV-4. Stanl. i instr., no. 10, 1951.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATALIN, A.A., kandidat tekhnicheskikh nauk, dotsent.

Technological design of precision tool parts. Trudy LIEI no.6: 187-202 '53. (MLRA 9:8)

(Machine tools)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATALIN, A.A., dotsent, kandidat tekhnicheskikh nauk.

Experience in working according to the standard of surface smoothness, and the tasks for its further improv ement. Standartizatsiia no.5:35-39 S-O '54. (MLRA 8:2)

1. Leningradskiy inzhenerno-ekonomicheskiy institut im. V.M. Molotova.
(Surfaces (Technology) — Standards)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATALIN, A.A.

USSR/ Engineering - Machining

Card 1/1 : Pub. 128 - 13/31

Authors : Matalin, A. A.

Title : The influence of machining on the resistance to wear of machine steel-components

Periodical : Vest. mash. 10, 57 - 62, Oct 54

Abstract : The editorial presents results of tests conducted by the V. M. Molotov Engineering-Economy Institute in Leningrad, to determine the influence of machining on the physical characteristics of steel surface layers and the resistance to wear of steel components. Five USSR references (1938 - 1953). Graphs.

Institution : ....

Submitted : ....

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATALIN, A.A., kandidat tekhnicheskikh nauk

Causes of residual stress formation. [Izd.] LONITOMASH no.34: 7-25 '54. (MLRA 8:10)

1. Leningradskiy inzhenerno-ekonomicheskiy institut imeni V.M.Molotova.

(Surfaces (Technology))

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATALIN, Andrey Aleksandrovich, kandidat tekhnicheskikh nauk, dotsent; TURCHANINOV, I.G., inzhener, retsenzent; RYSTSOVA, V.S., kandidat tekhnicheskikh nauk, redaktor; LEYKINA, T.L., redaktor izdatel'stva; SOKOLOVA, L.V., tekhnicheskiy redaktor

[Surface quality and service characteristics of machine parts] Kachestvo poverkhnosti i ekspluatatsionnye svoistva detalei mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 252 p. (MIRA 9:11)

(Metal cutting) (Surfaces (Technology))
(Mechanical Wear)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATALIN, A. A.:

Matalin, A. A.: "The quality and wear resistance of polished steel surfaces." Min Higher Education USSR. Leningrad Polytechnic Inst imeni M. I. Kalinin. Leningrad, 1956. (Dissertation for the Degree of Doctor in Technical Science)

SO: Knizhnaya letopis', No 27, 1956. Moscow. Pages 94-109; 111.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

BAT[illegible], A.A., kandidat tekhnicheskikh nauk, dotsent.

Modern trends in the development of mechanical engineering. [illegible]
LIBI no.1[illegible]-8 [illegible]. (Mechanical engineering)

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MATALIN, A.A.

MATALIN, A.A., kandidat tekhnicheskikh nauk, dotsent.

Investigating the temperatures in grinding steel pieces. Trudy [illegible] no.13:86-124 [illegible].

(Grinding and polishing) (Temperature)

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MATALIN, A. A.

Call Nr: TJ1185.S544

AUTHOR: Shevchenko, Nikolay A., Prof., Dr. of Technical Sciences

TITLE: Geometrical Parameters of the Tool Cutting Edge and the Cross-sectional Area of Cut (Geometricheskiye parametry rezhushchey fromki instrumentov i secheniya sreza)

PUB. DATA: Gosudarstvennoye nauchno-tekhnicheskoye izdatel'stvo mashinostroitel'noy literatury, Moscow, 1957, 140 pp., 5500 copies

ORIG. AGENCY: None given

EDITORS: Editor: Brushteyn, B. Ye., Candidate of Technical Sciences; Managing Ed., Publishing House: Beyzel'man, R. D., Engineer; Editor of Publishing House: Morozova, M.N.; Tech. Ed.: Matveyeva, Ye.N.; Corrector: Semenova, D.E., Reviewer: Matalin, A.A., Candidate of Technical Sciences

PURPOSE: This book is designed for engineers and scientific workers in the field of metal cutting

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Geometrical Parameters of the Tool Cutting Edge (Cont.)

COVERAGE: The book discusses the principles of determining and generalizing the geometrical parameters of cutting tools for different methods of metalworking as well as the changes occurring in these parameters during the cutting process, which depend on the settings of the tool in relation to the workpiece. A generalized equation for determining the elements of the cross-sectional areas of the cut is presented and exact equations are derived for particular cases of metalworking. The author believes that up to now these basic problems of the investigation of the metal-cutting processes have been neglected or examined from erroneous viewpoints. The book stresses that the generally accepted concepts of the geometrical factors of the metalcutting process substantially differ from reality. This fact does not appear in the absolute values or the final results of mathematical calculation so much as in the determination of the factors actually influencing the process of chip formations. This, however, is the most important factor for a scientific understanding of the phenomena occurring in metal cutting.

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Parameters of the Tool Cutting Edge (Cont.)

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MATALIN, A.A.

MATALIN, A.A.

Smoothness and wear resistance of surfaces subjected to grinding. Trudy Sem. po kach. poverkh. no.3:186-201 '57. (MLRA 10:11)
(Surfaces (Technology)) (Grinding and polishing)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

MATALIN, A.A

AMOSOV, Ivan Sergeyevich, kand.tekhn.nauk dots.; SKRAGAN, Vasiliy Aleksandrovich, kand.tekhn.nauk dots.; MATALIN, A.A., kand.tekhn.nauk dots., retsenzent; BORODULINA, I.A., red.izd-va; POL'SKAYA, R.G., tekhn. red.

[Precision, vibrations and smooth surface finishing in lathework] Tochnost', vibratsii i chistota poverkhnosti pri tokarnoi obrabotke. Izd. 2-oe, perer. i dop. Pod obshchei red. M.A.Anserova. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1958. 88 p. (MIRA 11:5)
(Bibliotechka tokaria-novatora, no.9)
(Turning)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

SOV/122-58-7-22/31

AUTHOR: Matalin, A.A., Doctor of Technical Sciences

TITLE: Investigation Into the Economy of Fine Grinding (Issledovaniye ekonomichnosti tonkogo shlifovaniya)

PERIODICAL: Vestnik Mashinostroyeniya, 1958, Nr 7, pp 67-68 (USSR)

ABSTRACT: High-class surface finish (class 10 to 11 standard) can be obtained with standard surface grinding machines by dressing the grinding wheels (type 46SM or 60SM) using a very low rate of feed, i.e. 0.010 mm/rev instead of the usual 0.40 to 0.50 mm/rev of the grinding wheel. Tests were made, grinding shafts of normalized .45 carbon steel, 50 mm dia and 300 mm long. These had been turned previously to a class 5 finish with 0.30 mm allowance for grinding. Grinding was carried out with wheel speed 30 m/sec, work speed 40-45 m/min; traverse was varied from 75 to 1 000 mm/min. Cross feed was fixed at 0.01 mm per traverse. The grinding wheels were diamond-dressed with preliminary dressing with cuts 0.015 mm deep with 0.40 mm/rev feed and one final pass 0.010 mm deep with feed 0.010 mm/rev. Wheel dressing time for a 600 mm dia wheel, 67 mm wide, was 10 min. The results for shafts ground with 1 000 mm/min and with 150 mm/min feed are shown in Figure 1, where micro-roughness in microns is plotted

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SOV/122-58-7-22/31

Investigation Into the Economy of Fine Grinding

against the number of shafts ground with the same wheel. The time to achieve various degrees of surface finish (from class 8 to class 11) and the relative cost using fine grinding, is tabulated and plotted in Figure 2. It is pointed out that to obtain high-class finish (class 11) it is advantageous to grind the shafts first to class 7 or 8 accuracy, leaving an allowance of 0.02 to 0.04 mm for final fine grinding. Compared with normal grinding methods, it is claimed that this method, using wheels dressed at very low rates of feed, can give class 8 or class 9 accuracy in less than half normal time and cost (taking extra time for wheel dressing into account). There are 2 figures and 2 Soviet references.

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25(1) PHASE I BOOK EXPLOITATION SOV/1848

Matalin, Andrey Aleksandrovich, Doctor of Technical Sciences, Professor

Konstruktorskiye i tekhnologicheskiye bazy (Datum Lines and Surfaces for Design and Manufacture) 2nd ed., rev. and enl. Moscow, Mashgiz, 1959. 175 p. Errata slip inserted. 3,000 copies printed.

Reviewer: P.I. Bulovskiy, Candidate of Technical Sciences, Docent; Ed.: V.S. Rystsova, Candidate of Technical Sciences, Docent; Ed. of Publishing House: T.L. Leykina; Tech. Ed.: L. V. Sokolova; Managing Ed. for Literature on Machine-building Technology (Leningrad Division, Mashgiz): Ye. P. Naumov, Engineer.

PURPOSE: The book is intended for designers and process engineers and may be useful to students of mechanical engineering vtuzes.

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COVERAGE: The book discusses problems of datum lines and surfaces used in constructing, fabricating, and assembling precision products and gives recommendations for the most efficient way of putting linear dimensions on drawings. The book also contains the results of experimental investigations on the accuracy of setting parts in universal fixtures. Theoretical premises and conclusions are illustrated by examples of design and manufacture of precision instruments under conditions of large lot production and in medium and small lot production of parts for general machine and machine tool building. Industrial designers mentioned include A. P. Sokolovskiy, A.P. Znamenskiy, A.I. Kashirin, A.B. Yakhin, B.S. Balakshin, V.M. Kovan; and in the field of building and measurements V.A. Brazhnikov, I.B. Plotkin, V.P. Puzanova, and S.V. Grum-Grzhimaylo. There are no references.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

PHASE I BOOK EXPLOITATION SOV/3501

Leningrad. Inzhenerno-ekonomicheskiy institut

Chistovaya obrabotka i sostoyaniye obrabotannoy poverkhnosti (Finishing Operations and Surface Roughness) [Leningrad] Izd-vo Leningr. univ-ta, 1960. 268 p. (Series: Its: Trudy, vyp. 30) 1,825 copies printed.

Ed. (Title page): A.A. Matalin, Professor; Ed. (Inside book): G.M. Aron; Tech. Ed.: S.D. Vodolagina.

PURPOSE: This collection of articles is intended for technical personnel in the machine-building industry and for students in schools of higher technical education.

COVERAGE: The collection contains articles on the problems of developing methods for mechanical machining (such as grinding and superfinishing with strain hardening, roll burnishing, fine grinding, etc.) which would serve to increase the life of machine parts exposed to friction and wear, and thereby insure high productivity and economy. Methods for determining residual stresses (only in macrostresses and microstresses) are discussed in detail. Also considered are the possibility of using hydraulically actuated slide rests in lot production, the use of the group machining method, and an attachment for program control of an existing lathe which would not necessitate modernization of the lathe. A description of advanced production methods and work planning used in plants of the German Democratic Republic is presented. No personalities are mentioned. References accompany most of the articles.

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VK/wrc/gmp
11-16-60

MATALIN, A.A.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001032820002-3

S/123/61/000/020/012/035
A004/A101

AUTHORS: Matalin, A. A., Rystsova, V. S.

TITLE: Labor consumption and economy of precision finish machining

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 20, 1961, 5-6, abstract 20B20 ("Tr. Leningr. inzh. ekon. in-t. Labor. prom-ekon. issled. Lensovnarkhoza". 1960, no. 1, 94 pages, illustrated)

TEXT: The authors present a generalization of the investigation results of the attainable accuracy, roughness of the machined surface, labor consumption and technological net costs of machining steel parts by the following methods: 1) external cylindrical grinding using fine wheel dressing; 2) external cylindrical grinding with graphite wheels; 3) external and internal high-precision grinding using smoothing-down ("vykhazhivaniye"); semi-mechanical lapping of cylindrical surfaces by split cast-iron bushes; 5) super-finish; 6) surface grinding with fine wheel dressing for high accuracy classes; 7) semi-mechanical and manual lapping of surfaces. Based on the investigation results, standards have been developed which make it possible to determine the labor consumption and cost price of finish machining immediately from the drawing of

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the part without developing the technological process and without standardization rating. The authors describe methods of determining expedient conditions of labor consumption and machining costs and the specific features of each method. In addition they present the machining conditions depending on the accuracy and finish, data on the labor consumption and technological machining costs and also a comparison of the labor consumption and machining economy for various methods. By investigations it was found that, when the parts are machined according to the 1st and 2nd classes of accuracy, the methods of finish machining can be arranged in the order of growing labor consumption and technological costs in the following sequence: 1. Machining according to the 10th class of surface finish: grinding with fine wheel dressing; grinding with graphite wheels; super-finish; precision grinding by "smoothing-down". 2. Machining according to the 11th class of surface finish: grinding with graphite wheels; grinding with fine wheel dressing or super-finish; semi-mechanical lapping; 3. Machining according to the 12th class of surface finish: grinding with graphite wheels, super-finish. The developed standards can be used for the selection of the most suitable version of mechanical working and for the development of the technological design of new parts. There are 4 figures.

[Abstracter's note: Complete translation] I. Brozgol'

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