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

PAJEWSKI, K.; STARZYNSKA, M.; NIESPODZIEWANSKI, Z.

"Calcium Plumbate, a New Rust-Preventing Coloring", Biuletyn, p. 21A, (INZYNIERIA I BUDOWNICTWO, Vol. 11, No. 8, Aug. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5, May 1955, Uncl.

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PAJEWSKI, K.

PAJEWSKI, K.

V. Kisielev and A. Abashkina's Production of Lacquers, Varnishes, and Paints; a book review.

p. 152 (Wiadomosci Chemiczne) Vol. 11, no. 2, Feb. 1957, Wroclaw, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

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PAJEWSKI, W.

The inhibitive effect of gases on the oxidizing or reducing effects of ultrasonic energy. P. Doman. *Proc. Polish Conf. Ultrasonics, 2nd*, 1956, 17–19(Pub. 1957)(in English).—The potential of the Pt electrode in 0.1*N* $K_4Fe(CN)_6$ was increased and in $K_3Fe(CN)_6$ decreased, by 10–25 mv. after 6 min. irradiation by an 800-kc. 15-w./sq. cm. generator. The effect is attributed to σ-ionization. Intermolecular forces and acoustic properties of liquids. Franciszek Kuczera (Wyższa Szkoła Rolnl, Olsztyn). *Ibid.* 55–8 (in English).—By substitution of a Lennard-Jones (6-*n*) intermol. potential in the Kudriavtsev equation for the velocity of sound propagation, an equation was obtained by which the exponent *n* was calcd. from exptl. data and found between 12 and 18 for 30 liquids (cf. *C.A.* 52, 15994*a*). Hence the relative thermal coeff., *α*, was related to that of thermal expansion, *β*, by the equation $\alpha = (n/6)\beta$, which was verified, again with $14 \leq n \leq 18$. Determination of electric, piezo electric, and elastic constants of barium titanate ceramics. Wincenty Pajewski (Polska Akad. Nauk, Warsaw). *Ibid.* 71–[illegible].—Math. Compliance, dielec. const. and piezoelec. tensors are theoretically considered and relations between various matrix elements are derived. Producing suspensions by means of ultrasonics. A. Piotrowska, M. Górska, and J. Zieniuk (Inst. Chem. Ogólnej, Warsaw). *Ibid.* 77–82(in English).—A few expts. on carbon black-water and $MnCO_3$-rape oil systems are described. Luminescence and oxidizing action of ultrasonic waves in water in the presence of rare gases. R. O. Prudhomme (Inst. Pasteur, Paris). *Ibid.* 83–6(in French).—Water, degassed and satd. with He, Ne, Kr, Xe, air, O, or N, was exposed for 30 min. to the action of 960-kc. ultrasonic waves, (6 w./sq. cm.). Luminescence and formation of H_2O_2 were observed. O plays no essential role. Effect of ultrasonic waves on

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621.315.612.4.002

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Pajewski W. Technological Problems of Dielectric Ceramics of Very High Dielectric Constant.

„Zagadnienia technologii ceramiki dielektrycznej o bardzo dużym E" (Prace Inst. Tele- i Radiot. No. 3), Warszawa, 1958, ITR, 39 pp. 24 figs., 2 tabs.

A discussion of the problem of the synthesis of raw materials used for the production of ceramics having very high dielectric constant. Special consideration is given to the synthesis of barium titanate from technical titanium oxide and barium carbonate. The influence of various impurities on properties of barium titanate used as initial raw material is stated. An investigation was made of the influence of impurities such as silicon, strontium, magnesium, natrium, aluminium, calcium etc. The quality of the raw material was examined by indirect method, using specimens of ceramics made of this raw material; the properties of these were examined by means of X-ray apparatus, of microscope and by dielectrical measurements. Next were studied the conditions of obtaining ceramics with satisfactory dielectrical and mechanical properties. Special consideration is given to the reproducibility of the results obtained. Quality of ceramics is influenced not only by raw materials used, but also by chemical composition and by the method of preparing the mixture. In some cases,

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Pajewski W. Technological Problems of Dielectric Ceramics...

for instance, mixing of oxides of appropriate metals proved most useful, while in other cases, mixing of ready made titanates was more advantageous. An examination was made of a number of solid solutions of barium titanate with stannates and titannates of magnesium, barium, bismuth, lead and calcium. The results of these investigations made it possible to find the composition of dielectric material having determined dielectric characteristics.

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PAJEWSKI, W.

8

5655 621.315.612.4.08 : 537.228.1 : 621.396.611.21.08

Pajewski, W. — Measurement of Piezoelectric and Elastic Constants of Titanate Ceramics.

„Pomiary współczynników piezoelektryczności i sprężystości ceramiki tytanianowej". (Prace Inst. Tele- i Radiot. No. 3), Warszawa, 1957, Inst. Tele- i Radiotechn., 22 pp., 5 figs.

Parametere are here specified defining piezoelectric and elastic properties of piezoelectric ceramics. In view of the somewhat inadequate treatment of this subject in technical literature, not suitable for practical application, a method of measuring these parameters is presented. The piezoelectric constant is determined on a vibrating bar polarized in the direction of the vibrations. Formulae are given for the equivalent circuit of a bar vibrating thus, allowance being made for the fact that electric conditions are in this case different from those of a bar vibrating perpendicularly to the direction of polarization. Thickness vibrations of plates are used for determining the elastic constant. This makes measurements of parameters possible, most essential in the research over properties of piezoelectric ceramics. The method described has been verified experimentally in the course of work on the technology of such ceramics.

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PAJewski, W.

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3817

Pajewski W. Titanate Ceramics. 621.315.612.4 : 537.228.1

POL. „Ceramika tytanianowa". (Prace Przem. Inst. Telekom. No. 12), PIT
Warszawa, 1954, PWT, 6 pp., 7 figs., 3 tabs.

Research work with a view to obtaining titanate ceramics with high dielectric constant (ε = 1000...6000) has been conducted at the Industrial Telecommunication Institute (PIT). The object was to achieve high dielectric constant while keeping dielectric loss to a minimum. The article briefly presents the results obtained, the influence of various factors affecting the dielectric constant and the dielectric loss. The investigations led to the conclusion that in the majority of cases the decrease of dielectric loss involves decrease of the dielectric constant. The article is concluded with a review of technical data concerning the piezo-electric ceramics obtained, which may find wide application in the design of ultrasonic transducers.

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PAJEWSKI, W.

Titanate ceramics. p.14. (SPRAWOZDANIA Z POSIEDZEN, Warszawa, Vol. 5, No. 12, 1954)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955, Uncl.

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

PAJEWSKI, W.

"Ferroelectric materials and their applications." p. 36.
(PRACE, Vol. 5, No. 13/14. 1954. Warszawa, Poland)

SO: Monthly List of East European Accessions. (EEAL). LC. Vol. 4, No. 4,
April 1955. Uncl.

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1392 537.228.1 : 548.5 : 621.396.611.21

Pajewski W. Controlling of Thermal Frequency Factor of Round Shaped Quartz Crystal Plates, AT and BT Cut, by Means of Grinding the Edges.

„Regulowanie współczynnika termicznego częstotliwości okrągłych płytek kwarcowych cięcia AT i BT przez szlifowanie krawędzi". (Prace Państw. Inst. Telekom.), Warszawa, 1950, PIT, 4 pp., 2 figs.

Adaptation of the method for spectrograph ISP—22. Influence of copper content on the analytic results. Optimal analytic conditions. The advantages of the proposed method

Description of a method to obtain zero thermal frequency factor in wide temperature range of round shaped plates, AT and BT cut, by means of grinding edges. A quantity of piezoelectric oscillators has been produced with such a low thermal frequency factor, that thermostatic control was not necessary.

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PTA

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537.228.1 : 548.5 : 621.396.611.21

1393
Pajewski, W. **Growing of Piezoelectric Crystals.**
„Hodowanie kryształów piezoelektrycznych". (Prace Państw. Inst. Telekom.), Warszawa, 1950, PIT, 4 pp., 4 figs.

This article gives a method of growing piezoelectric crystals, using thermostat of proper design. Results and observations obtained are discussed.

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1394 537.228.1 : 548.1 : 621.398.611.21.08

Pajewski W. Determination of X and Y Axes of Quartz Crystals by Means of Shock Wave Pattern

„Wyznaczanie osi X i Y kryształów kwarcu przy pomocy figur udarowych". (Prace Państw. Inst. Telekom.), Warszawa, 1950. PIT, 2 pp., 3 figs.

A new method, developed in the State Institute of Telecommunications, of determining X and Y axes of quartz crystals, based upon observation of wave pattern appearing on grinded and polished surfaces, struck with a steel ball, vertically to axis Z. Accuracy of determination of X axis by this method is of the order of one degree.

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ACC NR: AP6027200 SOURCE CODE: CZ/0055/66/016/005/0423/0430

36
B

AUTHOR: Pajewski, W.

ORG: Institute of Telegraph and Radio Engineering, Warsaw

TITLE: Highly stable quartz properties

SOURCE: Chekhoslovatskiy fizicheskiy zhurnal, v. 16, no. 5, 1966, 423-430

TOPIC TAGS: quartz, piezoelectric crystal, resonator, electric parameter

ABSTRACT: The article deals with some problems concerning the development and technology of laboratory production of highly stable quartz piezoelectric resonators. The results of investigating the effect of technology on the electric parameters and on the aging of quartz are given. Orig. art. has: 12 figures and 4 formulas. [Based on author's abstract] [NT]

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PAJEWSKI, W.

POLAND/Electricity - Dielectrics G-2

Abs Jour : Ref Zhur - Fizika, No 3, 1957, No 6973

Author : Pajewski, W.
Title : Ferroelectric Materials and Their Application

Orig Pub : Prace Przemysl Inst. telekomun., 1954, 5, No 13-14, 36-40

Abstract : Survey. Bibliography, 33 titles.

Card : 1/1

PAJEWSKI, W.

POLAND/Electricity - Semiconductors

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R00123

Abs Jour : Referat Zhur - Fizika, No 5, 1957, 12131

Author : Pajewski, W.
Inst :
Title : Titanate Ceramics.

Orig Pub : Prace. Przemysl. Inst. telekomun., 1954, 5, No 12, 14-19

Abstract : Investigations were performed in the laboratories of the Commercial Institute for Communication on the study of a titanate ceramic, having very dielectric constants ($\varepsilon = 10^3 - 6 \times 10^3$). The purpose of the work was to obtain a material with a maximum ε and minimum losses. The methods for obtaining a ceramic and the influence of various factors on ε and tan δ are indicated. It is shown that a reduction in tan δ takes place almost always in conjunction with a reduction in the value of ε. In conclusion, the author describes properties of the resultant piezoelectric ceramics, which can have wide

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PAJEWSKI WINCENTY

POLAND/Electricity - Dielectrics G-2

Abs Jour : Ref Zhur - Fizika, No 2, 1958, No 3668

Author : Peikara Arkadiusz, Pajewski Wincenty
Inst : Not Given
Title : Stable Dielectrics: Development of Research and Application

Orig Pub : Zesz. probl. nauki polsk., 1957, No 8, 143-176; diskus., 389-390

Abstract : No abstract

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PAJEWSKI, Wincenty, doc.

Overtone piezoelectric oscillators (15-120 Mc/s). Prace Inst teletechn 8 no.1:27-48 '64.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJEWSKI, Wincenty, doc.

Searching for ceramic molding materials for piezoelectric resonators.
Prace Inst teletechn 5 no.4:19-40 '61.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJEWSKI, Wincenty, doc.

Piezoelectric quartz oscillators for frequency stabilization of higher class generators. Prace Inst telétechn 6 no.1:3-18 '62.

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A225/A026

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AUTHOR: Pajewski, Wincenty, Docent

TITLE: The Technological Problems in Growing Quartz Crystals

PERIODICAL: Przegląd Telekomunikacyjny, 1960, No. 7, pp. 199-203

TEXT: A few technological problems are presented, which are encountered when growing quartz crystals on larger than laboratory scale. The autoclave in which the crystals are grown must be perfectly air-tight, resistant to corrosion, and must maintain a constant internal pressure of about 1200 atm at a temperature of about 400°C (higher, about 410-420°C, at the bottom where quartz fragments or quartzite are deposited in a dissolving solution, lower - about 380-390°C - in its higher part where crystals are grown around the crystal seeds). The locking devices of three different autoclaves are shown: of that used by the Bell Laboratories (Fig. 2: here, the lid sides are welded to the cylinder of the autoclave); by the Instytut Tele- i Radiotechniczny (Telecommunication and Radio Engineering Institute) in Warsaw (Fig. 3: a piston is pulled initially by a screw against a gasket, later by the pressure building up inside), and by the Crystallographic Institute of the Soviet Academy of Sciences (Fig. 4: locked also by

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The Technological Problems in Growing Quartz Crystals

the internal pressure on a piston resting on a copper gasket). Comparatively the easiest one to open is the Soviet model. The Polish model is heated by a chromium-nickel electric heater embedded in fire-clay and placed at the bottom of the autoclave. The heat is controlled by a FeKo thermocouple connected to a thermostat. It supplies temperatures up to 650°C regulated by the thermostat so as to obtain a temperature of about 400°C in the autoclave. FeKo thermocouples placed in various parts of the autoclave allow to register exact temperatures and to maintain them at the necessary level within 5°C (as shown on Fig. 5). According to Walker (Ref. 9) the solution used should be a watery solution (0.5-1 N) of NaOH. The Polish Institute experimented also with $NaCO_3$, but the crystals obtained were less pure. A proper selection of the seed laminae may determine the direction of the crystal's growth. Figure 6 shows the speed of crystal growth in various directions according to Bechman and Hal, while Figure 7 shows the laminae used as crystal seeds by the Bell Laboratories, by General Electric and Brush. Twin-crystals may be grown from laminae cut from twin crystals, but unlike to nature - the tension in both parts will always be different. To pre-

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PAJEWSKI, WINCENTY

35

PHASE I BOOK EXPLOITATION POL/5981

Symposium on Electroacoustic Transducers. Krynica, 1958

Proceedings of the Symposium on Electroacoustic Transducers [held in] Krynica, 17-26 September, 1958. Warsaw, Panstwowe Wydawnictwo Naukowe, 1961. 442 p. Errata slip inserted. 630 copies printed.

Sponsoring Agency: Polish Academy of Sciences. Institute of Basic Technical Problems.

Ed. in Chief: Janusz Kacprowski, Doctor of Sciences; Editing Committee: Ignacy Malecki, Professor, Doctor of Sciences; Wincenty Pajewski, Doctor; and Jerzy Wehr, Master of Sciences; Secretary: Juliusz Mierzejewski.

PURPOSE: This book is intended for physicists and acoustical engineers.

COVERAGE: The book is a collection of detailed research papers constituting the proceedings of a conference held in Krynica from 17 to 26 September 1958 under the auspices of the Institute of Technical Problems, Polish Academy of Sciences.

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Symposium on Electroacoustic Transducers POL/5981

The following basic problems are treated: 1) theoretical research on energy transformation processes; 2) experimental development of new types of transducers; 3) electroacoustic measurements; 4) technology of piezoelectric and magnetostrictive materials; 5) construction of transducers for technical needs; and 6) design of acoustical transducer systems. No personalities are mentioned. References (if any) follow the individual articles.

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

S/274/63/000/001/009/020
D469/D308

AUTHOR: Pajewski, Wincenty

TITLE: Piezoelectric quartz oscillators used for frequency stabilization in high quality signal generators

PERIODICAL: Referativnyy zhurnal, Radiotekhnika i elektrosvyaz', no. 1, 1963, 32, abstract 1B237 (Prace Inst. Tele- i radiotechn., 1962, 6, no. 1, 3-18 (Pol.: summaries in Eng., Rus., Fr. and Ger.))

TEXT: The author considers causes affecting the frequency stability of generators stabilized by quartz crystals, as well as methods of increasing the frequency stability of piezoelectric quartz oscillators. The results discussed concern quartz crystals with Y, DT and AT cuts. It is established that AT cut crystals maintain highest frequency stability at their fundamental and harmonic frequencies. The aim of these investigations is to develop high stability quartz resonators for uses as frequency standards.
[Abstracter's note: Complete translation]

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which comprises ... operating from 220 V ...

channels being ...

< 5%, and an audio bandwidth extending ... to 2·1 kc/s. The first carrier F_1 is employed to actuate an automatic gain control circuit in the re-

... achieved.

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PAJGRT, M.

Telephone receiver with a single side band for carrier links in high-tension lines. p. 268.
SLABOPROUDY OBZOR, Prague, Vol. 15, no. 6, June 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6, June 1956, Uncl.

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

PAJGRT, M.

Dlouhy, M. Design problems of unserviced transmitting stations; for a multi-channel telephone system with 12 or 24 channels on symmetric coilless cables. p. 57. SLABOPROUDY OBZOR, Praha, Vol. 16, no. 2, Feb. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

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

PAIGRT, M.

CZECH

621.395.64 : 621.395.44

3425. **Problems in the design of unattended repeater stations** (for the carrier telephony system with 12 or 24 channels, by symmetrical cables without coil loading). M. PAIGRT AND M. DLOUHÝ. *Sdělovací Obzor*, 10; *No.* 2, 57–67 (1959) In Czech.

Layout and equipment of a repeater station are discussed from the point of view of the requirements recommended by the C.C.I.F., particular attention being paid to the problem of its uninterrupted operation and the measures against valve and power supply failure. It is thought that the reliability of a repeater station can be substantially increased by employing special valves and by providing an emergency rotary convertor (~220 V), which will feed the equipment from a battery. Methods of fault-finding in and control of the unattended repeaters are reviewed and compared. The paper contains a large number of diagrams and photographs, and 21 references.

R. S. SIDOROWICZ

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PAJGRT, M.

Pajgrt, M; Dlouhy, M. Design problems of unserviced transmitting stations; for a multichannel telephone ststem with 12 or 24 channels on symmetric coilless cables. p. 57.

SO: Monthly List of the East European Accession, (EEAL), LC. Vol. 4, no. 10, Oct. 1955. Uncl.

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

PAJGRT, M.

"Nonlinear distortion of one-phase telecommunication equipment." p. 135

SDELOVACI TECHNIKA. Praha, Czechoslovakia, Vol. 3, No. 5, May, 1955

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September, 1959
Unclas

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PAJGRT, M.

Multiplex wide-band feedback amplifiers. p. 63.

Vol. 17, no. 2, Feb. 1956
RUDY
Praha, Czechoslovakia

Source: East European Accession List. Library of Congress
Vol. 5, No. 8, August 1956

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PAJGRT, M.

Multiplex wide-band feedback amplifiers. (Conclusion) p. 134.
SLABOPROUDY BOZOR, Prague, Vol. 17, no. 3, March 1956.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6, June 1956, Uncl.

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PAJGRT, M.

Amplifiers with gain correcters.

P. 206, (Sdelovaci Technika) Vol. 5, no. 7, July 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

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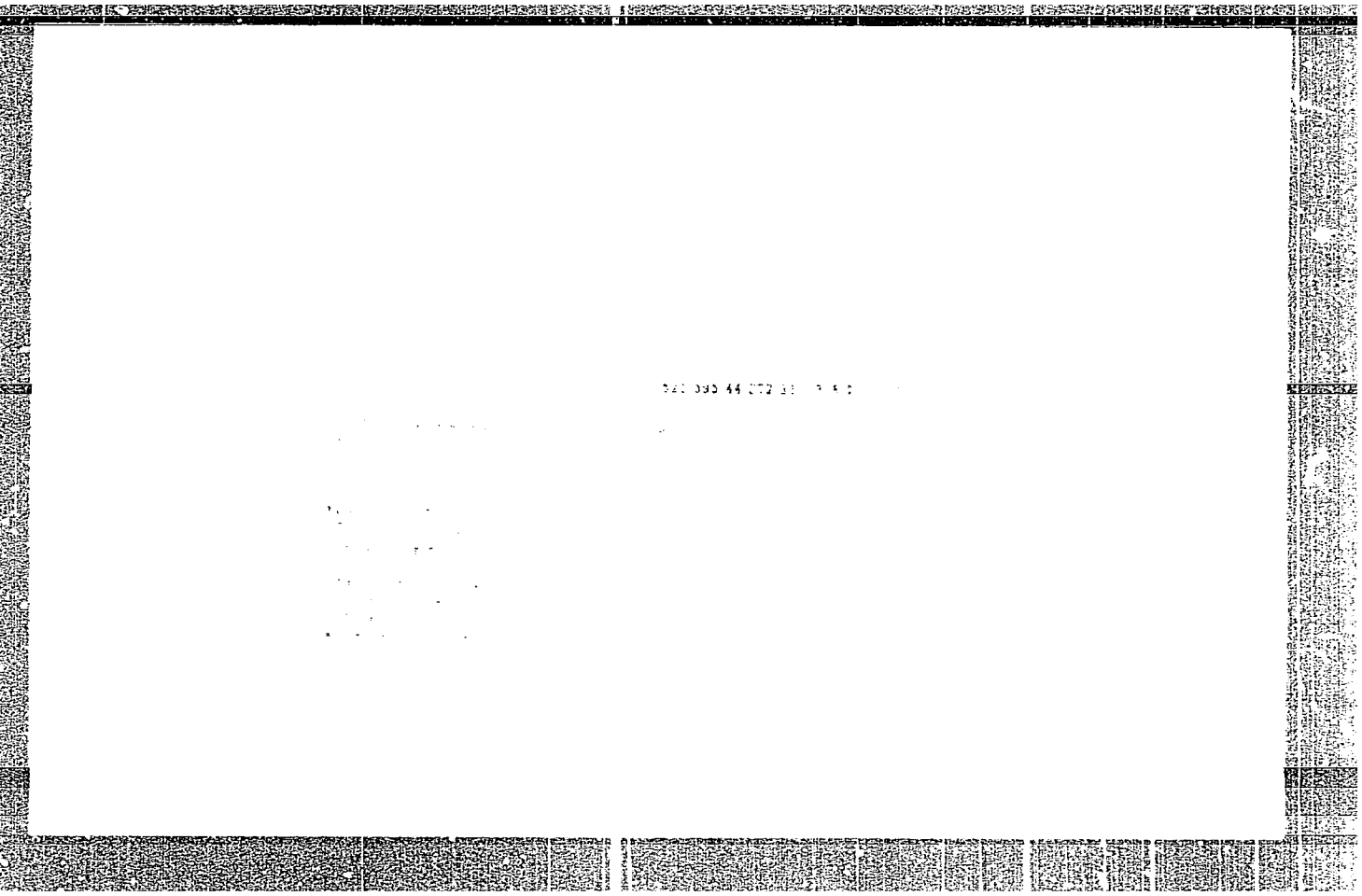

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PAJGRT, M.

TECHNOLOGY

periodicals: SDELOVACI TECHNIKA Vol. 6, no. 9, Sept. 1958

PAJGRI, M. A design for power stages of class A amplifiers. p. 328.

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

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

PAJGRT, O.

Drying and steaming woollen tissues. p. 67.

TEXTIL. (Ministerstvo lehkeho prumyslu) Praha, Czechoslovakia. Vol. 14, no. 2, Feb. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 10, Oct. 1959. Uncl.

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

PAJGRT, M.

Measuring the stability of feedback transistor repeators. p. 542.

SLABOPROUDY OBZOR (Ministerstvo vacobenibe strojirenstri, Ministerstvo speju a Ceskoslovenska vedecke-technicka spolecnost, sekce elektrotechnika) Praha, Czechoslovakia, Vol. 20, no. 9, Sept. 1959

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

Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJGRT, M.

Measurements of the stability of transistor amplifiers. p. 372.

SDELOVACI TECHNIKA. (Ministerstvo strojirenstvi) Praha, Czechoslovakia.
Vol. 7, no. 10, Oct. 1959.

Monthly List of East European accession, (EEAI), LC, Vol. 8, No. 12, Dec. 1959
Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAIGRT, M[illegible]ind.

Multiple-feedback systems. Slaboproudy obzor 24 no.5:313-314 My '63.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJGRT, Miloslav

Z/039/60/021/01/011/040
E140/E135

AUTHOR: Miloslav Pajgrt (Engineer)

TITLE: Wideband Transistor Amplifiers in Telephone Technique

PERIODICAL: Slaboproudý Obzor, 1960, Vol 21, Nr 1, pp 41-43

ABSTRACT: The article gives a brief review of the state of transistor cable amplifiers in test operation in the Soviet Union for the last two years. After a brief general discussion of the problem according to the recommendations of CCIT three types of Soviet amplifiers are described.
Type VKUS-24 (Fig 3): transmitted band 12 — 108 kc/s, gain > 4 Np. The amplifiers are placed directly in the widened lead envelope of the cable and have operated for more than 12 months without fault.
Type K-24P (Figs. 2 and 4): band 12 to 108 kc/s, gain 4.8 — 4.3 Np, noise background referred to input - 14.8 Np, at 0 Np output level the second harmonic is attenuated by > 8.5 Np and third harmonic > 10 Np. The power supply for this amplifier is described in some detail.

Card 1/2

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

PAJGRT, Miloslav, inz.

Designing transistorized R.F. amplifiers. Slaboproudy obzor 21 no.12: 714-719 D '60. (EEAI 10:3)

1. Vyzkumny ustav telekomunikaci, Praha.
(Transistors) (Amplifiers)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJGRT, Miloslav, inz.

An example of designing a push-pull amplifier with OC30 transistors. Sdel tech 9 no.8:286-288 Ag '61.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

26676 Z/014/61/000/008/001/007
E192/E382

9.2520

AUTHOR: Pajgrt, Miloslav, Engineer

TITLE: An Example of the Design of a Push-pull Amplifier with OC30 Transistors

PERIODICAL: Sdělovací technika, 1961, No. 8, pp. 286 - 288

TEXT: The design approach is based on the formulae available from literature (Ref. 1 - R.F. Shea - Principles of Transistor Circuits, Czech. translations, SNTL, Prague, 1958; Ref. 2 - J. Budinsky - Low-frequency transistor amplifiers, SNTL, Prague, 1959).
The circuit of the amplifier to be designed is illustrated in Fig. 1. The main criterion for the design is the determination of the optimum operating point for the transistors such that the output power will be a maximum. The suitable operating point for the transistors can be set by the variable resistor R_1. Further, it is possible to include a means of thermal stabilisation of the collector current by connecting a thermistor R_3 into the circuit. First, it is assumed that

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PAJGRT, Miloslav

6... SLOVAKIA

Auth... PAJGRT, Miloslav, Dr, Research Institute for Telecommunications (Vyskumny ustav telekomunikacii), Prague.

Title: "An Example of Designing a Push-Pull Amplifier with OC 30 Transistors."

Source: Prague, Slaboproud technika, Vol IX, No 8, 1961, pp 285-288.

Abstract: To find the maximum output power of the transistor, the author uses a graphic method. He illustrates two cases of amplifiers--classes A and B--and compares with the transistor amplifier. The most important part, on decreasing the output power, has an increased ambient temperature and allows a reduced voltage of the DC source. Comparing the maximum output powers of class A or B amplifiers with OC 30 transistors, the author derives a ratio of 1:4.63

1/2

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CZECHOSLOVAKIA

Source: Prague, Sdelovaci technika, Vol IX, No 8, 1961, pp 286-288.

(larger), but a comparison of the proper coefficients of power amplification results in a ratio of 8.3:1 (smaller).

2/2

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PAJGRT, Miloslav, inz.

Substitute dipole tunnel-diodes. Slaboproudy obzor 22 no.12:770-771 D '61.

(Diodes)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJGRT, Miloslav, inz.

Determining the admittance parameters of radio frequency transistors by the means of substitute two-pole networks. Sdel tech 10 no.2: 55-56 F '62.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJGRT, Miloslav, inz.

Frequency dependence of the Ye parameters of the 11401 type transistor. Slaboproudy obzor 22 no.3:145-148 Mr '61. (EEAI 10:6)

1. Vyzkumny ustav telekomunikaci, Praha.
(Transistors)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJGRT, Miloslav, inz.

Broad-band transistorized amplifier. Slaboproudy obzor 24 no.1:43 Ja '63.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJGRT, Miloslav, inz.

Note on the feedback loop disconnecting in amplifiers.
Sdel tech 11 no.2:41-42 F '63.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJGRT, Miloslav, inz.

Admittance parameters of the OC613 transistor in the frequency band up to 50 MHz. Slaboproudy obzor 24 no.2:108-109 F '63.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJGRT, Miloslav, inz.

A broad-band amplifier with OC872 transistors for the sixty-channel telephone system. Slaboproudy obzor 24 no.3:173 Mr '63.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJGRT, Miloslav, inz.

Requirements on intermediate amplifiers of multichannel systems from the viewpoint of basic and intermodulation noises. Slaboproudy obzor 24 no.6:340-342 Je '63.

1. Vyzkumny ustav telekomunikaci, Praha.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJGRT, Miloslav, inz.

Influence of the feedback on nonlinear distortion in transistorized amplifiers. Slaboproudy obzor 24 no.10:586-590 O '63.

1. Vyzkumny ustav telekomunikaci.

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

PAJGRT, Miloslav, inz.

Effect of the small thermal inertia of mesa transistors on the frequency response of their Y parameters. Slaboproudy obzor 24 no.11:677-678 N'63.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

ACCESSION NR: AP4038993 Z/0014/64/000/005/0173/0175

AUTHOR: Pajgrt, Miloslav (Engineer); Vojta, Ludomir (Engineer)

TITLE: Some little-known properties of high-frequency power transistors

SOURCE: Sdelovaci technika, no. 5, 1964, 173-175

TOPIC TAGS: communications engineering, HF amplifier, amplifier circuit, transistorized amplifier, HF transistorized amplifier, transistor, solid state physics, solid state circuitry, network analysis, circuit theory, network synthesis, HF power transistor, power transistor

ABSTRACT: High-frequency power transistors are finding an ever-increasing use. Their technical parameters, which are put out by the manufacturers, are directed toward the requirements of pulse engineering. In addition to the limiting values for current, voltage, collector losses, frequencies f_α or f_β and direct current transfer characteristics which are generally given for a low frequency transistor, there are additional requirements for a short switch-over period and low saturation resistance. When the HF power transistor is to be used in HF amplifier circuits, some other data, which is dependent upon frequency, must also be known. The power gain A_v and input impedance Z_{input} must especially be known. A much better index

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ACCESSION NR: AP4038993

than the outoff frequencies f_α, f_β and f_T could be the frequency f_{v10}, with which the class A power gain of the amplifier is $A_v = 10$. The relationship of the transistor's power gain to frequency is given by the equation

$$|A_v| = \frac{U_2}{U_1} \cdot \frac{I_2}{I_1} = A_u \cdot A_i \qquad (1)$$

The relationship of the gain A_v, and input Z_{input} and output Z_{output} impedances to collector current in a 10B10-10R transistor were measured at a frequency of 500 cycles and voltage of $U_{CE} = 8$ V. Results are plotted on a curve. The properties of this type of transistor are in marked contrast to electron tubes with comparable power. This includes the very low input impedance in the transistor, the nonlinear relationship of all of the transistor's impedance parameters and excess phase shift of the transistor's transmission factor. Three new and heretofore unpublished values are given. This is the outoff frequency f_{v10}, the outoff frequency f_n, and the deviation $\Delta\varphi$ from the minimum phase of the transistor's transmission factor. Orig. art. has: 11 figures, 1 table and 7 equations.

ASSOCIATION: none

Card 2/3

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

ACCESSION NR: AP4038993

SUBMITTED: 00 DATE ACQ: 09Jun64 ENCL: 00

SUB CODE: EC, GP NO REF SOV: 000 OTHER: 006

Card 3/3

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

PAJGRT, Miloslav, inz.

Protection of transistor amplifiers from overvoltage.
Slaboproudy obzor 25 no.4:236-237 Ap '64.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJGRT, Miloslav, inz.

Attenuator pad with semiconductor diodes. Sdel tech 12 no.7: 260-261 Jl '64.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJGRT, Miloslav, inz.

Measurement of amplifier stability without disconnecting the feedback loop. Sdel tech 13 no.1:15-16 Ja '65.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

L 10471-66

ACC NR: AP6003701 SOURCE CODE: CZ/0039/65/026/001/0044/0047

30 B

AUTHOR: Pajgrt, Miloslav--Payert, M. (Engineer)

ORG: Telecommunications Research Institute, Prague (Vyzkumny ustav telekomunikaci)

TITLE: Bridge-type feedback in transistorized amplifiers 25

SOURCE: Slaboproudy obzor, v. 26, no. 1, 1965, 44-47

TOPIC TAGS: transistorized amplifier, amplifier design, circuit design, electronic feedback

ABSTRACT: Simplified formulas are presented to facilitate and speed up the computation of bridge circuits at the input and output of amplifiers. Unlike in the case of tube amplifiers, the influence of the internal feedback of the transistors is also taken into consideration. As an example a circuit diagram is presented in which the input bridge is formed with the aid of the winding of the output transformer, whereby the input transformer is excluded from the feedback circuit and thus cannot deteriorate the stability of the amplifier. Orig. art. has: 4 figures and 8 formulas. [JPRS]

SUB CODE: 09 / SUBM DATE: 08May64 / ORIG REF: 004 / OTH REF: 001

UDC: 621.396.645.5

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

PAJGRT, Miloslav, inz.

Bridge feedback of transistor amplifiers. Slaboproudy obzor 26 no.1:44-47 Ja '65.

1. Research Institute of Telecommunication, Prague. Submitted May 8, 1964.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJGRT, O. (Czechoslovakia)

Special finishing methods for polyester fiber containing fabrics. Magy textil 16 no.9:418-421 S '64.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJGRT, O.

Drying and steaming woolen tissues. p. 349.

TESTIL (Ministerstvo lehkeho prumyslu)
Praha, Czechoslovakia, Vol. 14, no. 9, Sept. 1959.

Monthly List of East Eurcpean Accessions (EEAI), Vol. 9, no. 1, Jan. 1960

Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Application, Part 4. - Dyeing and Chemical Treatment of Textile Materials. H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 72699.

Author : Oldrich Pajgrt.
Inst :
Title : Elution of Oilers and Treatment of Goods of Coarse Wool.

Orig Pub: Textil, 1956, 11, No 3, 84-85.

Abstract: Description and results of studies of Czechoslovak oilers, oil D1 [90% of white mineral oil and 10% of emulsifier (E)]; oil D1H (same composition with the addition of 2% of a wetting agent); oil D2 (80% of mineral oil, 12% of fatty and sulfo acids and 8% of E). Sulfonate of "Makhagon" of the composition NaO_3S (R')$CHCH_2CH_2CH(COONa)CH_2$, where R' is an alkyl

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

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Application. Part 4. - Dyeing and Chemical Treatment of Textile Materials. H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 72699.

containing, for example, 14 C atoms, is used as an E. The experiments of oiler elimination by the action of Retardon A (a condensation product of degraded proteins and acid chlorides of higher fatty alcohols) produced positive results, and it was found that the oil DlH is eluted worse than the oil Dl.

Card : 2/2

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

H-34

77100

COUNTRY : Czechoslovakia
CATEGORY :

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

AUTHOR : Pajgrt, O. and Plisek, L.
INST. : Not given
TITLE : Imparting Permanent Pleats and Creases to Wool-Containing Fabrics

ORIG. PUB. : Textil (CSR), 13, No 12, 467-469 (1958)

ABSTRACT : Experiments have shown that permanent creases can be produced in pure wool and blended wool fabrics (with 30-60% viscose staple fiber) by treating the pleats before pressing with 0.5-1% of a solution of 30% thioglycolic acid, containing 0.1-0.2% of wetting agent and adjusted to a pH of 7 by the addition of CH_3COOH.

I. Fodiman

CARD: 1/1

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJIC, D.

A proposal for the construction of future freight cars. p. 18.

ZELEZNICE. (Zeleznicki institut GDJZ) Beograd, Yugoslavia.
Vol. 15, no. 6, June 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959.

Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJIC, S.

"Small Rehna; impressions of the competition in West Germany," Narodna Krila, Geograd, Vol 6, No 5, July/Aug. (i.e. Sept./Oct.) 1953, p. 30.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJIC, S.

"Forming parachute units." p. 3. (Aero Svet. Vol. 3, no. 33, Feb. 1953. Beograd.)

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954. Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJIC, V.

Technique of operating a train on various inclinations of track. p. 29.

Periodical: ZELEZNICE.

Vol. 15, no. 2, Feb. 1959.

TECHNOLOGY

SO: Monthly List of East European Accessions (EEAI) LC

Vol. 8, no. 4
April 1959, Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJIC, V.

"A method for calculating the costs of train traction."

p. 16 (Zeleznice) Vol. 13, no. 11, Nov. 1957
Belgrade, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJIC, V.

Low speeds on rails and their effect on the consumption of coal. p. 90.
ZELEZNICE. Vol. 11, No. 3, March, 1955. Belgrad.

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4, No. 12, Dec. 1955.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJIC, Vojislav M., inz.

Expenses of train traction depending on the conditions of railroad superstructure. Zeleznice Jug 15 no.8:1-8 Ag '59.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJK, A.
HAKS SAMEC, Akad. Znanosti Umetnosti Ljubljani, Kem. Lab., Kem. Studije
1947, 52-75

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJKANOVIC, D.

Will the speed of trains be increased in view of the fact that the Yugoslav railroad tracks are being thoroughly repaired and so readied for greater speeds? Zeleznice Jug 20 no.5:50-51 My '64

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJKANOVIC, D.

Reconstruction of the cylinders of vacuum brakes. p. 37.

ZELEZNICE. (Zeleznicki institut GDJZ) Beograd, Yugoslavia.
Vo. 15 , no. 7, July 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 9,
Sept. 1959

Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJKANOVIC, Dejan

Is the computation of brakes of 0.76 m. gauge loaded freight cars correct? Zeleznice Jug 20 no. 2:43-45 '64.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJKIC, Radisa Lj., dipl. ek (Beograd)

Greater possibilities of applying glass fibers. Kem ind 12 no.9:683-686 S '63.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJKIC, Radisa, dipl. ekonomista (Beograd)

More varieties in the production of lighting ware. Kem ind 13 no. 6:423-425 Je '64.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJKOVIC, M.

Climatic characteristics of southwestern Montenegro. p. 15.

GLASNIK. (Srpsko geografsko drustvo.) Beograd, Yugoslavia.
Vol. 38, no. 1, 1958.

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

Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

GABRIEL,J., MUDr.; FAJKRTOVA, B., MUDr.; MOSNIG,A., MUDr.; ROSIVAL,V., MUDr.

(a the possibility of differentiated care under modern conditions. Cesk. zdrav. 13 no.2:93-99 F'65.

1. Katedra organizace zdravotnictvi lekarske fakulty Karlovy University v Hradci Kralove - Fakultni nemocnice Krajskeho ustavu narodniho zdravi v Hradci Kralove.

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

PAJKRATOVÁ, Blanka

PAJKRATOVA, Blanka, MUDr

Bolen test in diagnosis of malignant neoplasms. Cas. lek. cesk. 93 no.28:773-775 9 July 54.

1. Z chirurgicke kliniky VLA v Hradci Kralove
(NEOPLASMS, diagnosis
*Bolen test)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJL, Z.

A laboratory viscosimeter for measurements in vessels used for chemical reactions.

p. 106 (Chemicky Prumysl. Vol. 7, no. 2, Feb. 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJNIK, Ludvik

The "Steambloc" boiler for oil heating. Masinogradnja 5 no.2:35 Jl '62.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJNIK, Ludvik, tehn.

Domestic harbor hoisting machines. Masinogradnja 5 no.2:31-32 Jl '62.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJOMA, A.; VAHENOMM, K.

Some peculiarities in the cultivation of improved vegetable varieties. p. 134.

SOTSIALISTLIK POLLUMAJANDUS. (Pollumajanduse Ministeerium) Tallinn, Estonia. Vol. 13, no. 3, March 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 11, November 1959.

Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJOMA, A.

Experiences in using microelements in growing vegetables. p. 182.

SOTSIALISTLIK POLLUMAJANDUS. Tallinn, Hungary. Vol. 13, no. 4, Apr. 1958.

Vol. 8 12 Dec.

Monthly List of East European Accessions (EEAI), LC, No. 4, ~~July~~ 1959.
Uncl.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJOR, Geza, dr.

Results of control examinations of the educational institutions of Vas county. Nepegeszsegugy 37 no.9:234-239 Sept 56.

1. Allami kozegeszegugyi felugyelo.
(SCHOOLS
in Hungary, hygienic cond. in a county (Hun))

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012387

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

PAJOR, Geza, dr.

Epidemic of dysentery in Repceszentgyorgy. Nepegeszsegugy 42 no.6: 181-184 Je '61.

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