

GOTSDINER, S.G.; GRODETSKIY, I.A.; KATSEN, I.Ye.; KRASNYANSKIY, A.I.;
POSEL'SKIY, P.P.; SOROKIN, N.H., inzhener, redaktor; TIKHONOVICH,
B.Z., inzhener, redaktor; KHITROV, P.A., tekhnicheskij redaktor

[Advanced engineering methods in excavation work in connection with
railroad construction] Peredovaya tekhnologiya proizvodstva zem-
lianykh rabot pri stroitel'stve zheleznykh dorog. Moskva, Gos.
transp.zhel-dor. izd-vo, 1956. 150 p. (MLRA 9:10)

(Excavating machinery)

(Railroads--Earthwork)

KATTSEN, I. Ya.

STRAMOUS, M.F., kand.tekhn.nauk; KATTSEN, I. Ya., inzh., nauchnyy red.;
GUROV, Yu.S., red.izdatel'stva; STEPANOVA, E.S., tekhn.red.

[Practices of repairing excavating and transport machinery]
Opyt remonta zemleroiinykh i transportnykh mashin. Moskva,
Gos.izd-vo lit-ry po stroit.i arkhitekt., 1957. 135 p. (MIRA 11:1)
(Excavating machinery--Maintenance and repair)
(Motortrucks--Maintenance and repair)
(Tractors--Maintenance and repair)

STRAMOUS, Mikhail Fedorovich; KATSEEN, I.Ye., inzh., red.; SERGEYEVA,
A.I., red.; BOBROVA, Ye.N., tekhn, red.

[Maintenance and repair of machinery in railroad construction]
Remont mashin na zheleznodorozhnom stroitel'stve. Izd.2. Moskva,
Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshchenia,
1960. 323 p. (MIRA 14:1)

(Railroads--Maintenance and repair)

(Railroads--Equipment and supplies)

KATSEB, D.

Growth of the production of retroviral-like particles in the United States. Nefteler, I. refleksia. no.10:..7-18 '66.

(MUM 17:12)

KATTSIN, V.V. (Ulan-Ude, Buriat-Mongol'skaya ASSR, Komsomol'skaya ul. ,
d.22, kv.13)

Protected movable table for radiotherapy manipulations [with summary
in English]. Vop.onk. 2 no.5:606-609 '56. (MIRA 10:2)

1. Iz Respublikanskogo onkolog. dispansera (glavn. vrach - T.T.
Pogodayeva) Buriat-Mongol'skoy ASSR.
(RADIOTHERAPY, apparatus and instruments
movable screening table)

KATTSIN, V.V.

Protective chambers used in the therapeutic use of radioactive preparations. Vopr. onk. 6 no. 11:104-106 N '60. (MIRA 14:1)
(RADIATION PROTECTION)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000721210003-5"

USSR / General Problems of Pathology: Tumors.
Comparative Oncology. Human Tumors.
Abs Jour : Ref. Zhur-Biologiya, No 3, 1959, 13658
Author : Kattsin, V. V.
Inst :
Title : Paget-Type Carcinoma of the Mammary Gland in a Man.

Orig Pub : Vopr. onkologii, 1957, 3, No. 6, 747-749

Abstract : A description is given of a rare case of Paget-type mammary gland (MG) carcinoma in a 44-year-old man. The disease developed gradually; for 18 years the patient was treated for eczema. There was no improvement. Biopsy showed the presence of a basocellular carcinoma of the left MG. Radical amputation of the affected MG with subsequent roentgenotherapy was performed. After surgery, the patient was discharged in good condition.

Card 1/1 *Republic Oncology Dispensary, Buryat-Mongol ASSR*

ACC NR: AP6035715

(A,N)

SOURCE CODE: UR/0413/66/000/019/0066/0066

INVENTOR: Kattsorke, E.

ORG: none

TITLE: Control device for the suction valves of a piston compressor and metering pump. Class 27, No. 186616

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 19, 1966, 66

TOPIC TAGS: axial compressor, pump, valve, high pressure valve, compressor design

ABSTRACT: An Author Certificate has been issued for a control device for the suction valves of a reciprocating compressor and metering pump with discharge during the compression stroke controlled by by-passing a part of the cylinder's charge through a spring-stressed suction valve kept open while by-passing. The device uses in its drive system an electromagnet acting on the valve and excitable during the closing of the distributor's working contacts. The working contacts are provided with a permanent magnet and are adjusted according to the last phase of by-pass to assure only a short-duration excitation of the electromagnet at the by-pass end. The spring acts axially in the valve's opening direction and holds it open during the suction and by-pass operations. Orig. art. has: 1 figure.

Cord 1/2

UDC: 621.512-543.6

ACC NR: AP6035715

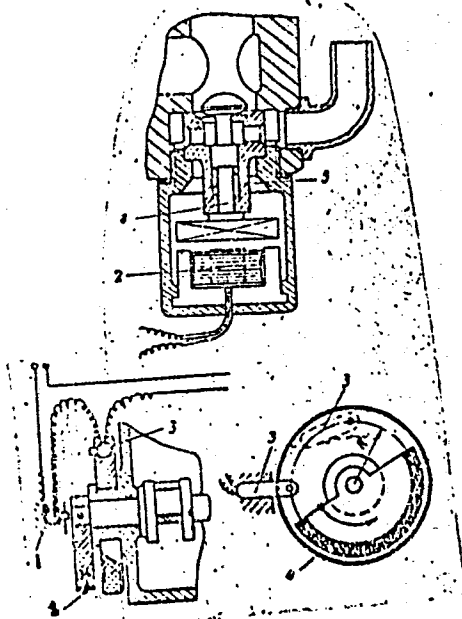


Fig. 1.

1 - Suction valve; 2 - electromagnet;
3 - working contacts; 4 - permanent
magnet; 5 - spring.

SUB CODE: 13/ SUBM DATE: 11Oct61/

Card 2/2

KATUGIN, N., starshiy prepodavatel'

Teacher, educator, and friend. Pozh.delo 5 no.4:19 AP '59.
(MIRA 12:5)

1. Leningradskoye pozharo-tekhnicheskoye uchilishche.
(Fire prevention--Study and teaching)

KATUGIN, Nikolay Mikhaylovich; LOGINOV, Fedor Loginovich; TERESHENKOV,
Nikolay Kuz'mich; RUBIN, A.S., red.; BOBYLEVA, L.V., red.izd-va;
SHLIKHT, A.A., tekhn.red.

[Fire prevention measures in units of national economy] Proti-
vopozharnyi rezhim na ob"ektakh narodnogo khoziaistva. Moskva,
Izd-vo M-va kommun.khoz.RSFSR, 1959. 64 p. (MIRA 13:1)
(Fire prevention)

SOV/137-59-7-16154

Translation from: Referativnyy zhurnal, Metallurgiya, 1959, Nr 7, p 273 (USSR)

AUTHOR: Katugin, S.A.

TITLE: Technical Progress in Metallurgical Production at the Nevskiy Machine-building Plant imeni V.I. Lenin

PERIODICAL: Tr. Nevsk. machinostr. z-da, 1958, Nr 4, pp 5 - 22

ABSTRACT: Information is given on the history of development of the Nevskiy Machinebuilding Plant imeni V.I. Lenin from 1857 to 1957. Achievements in steampipe, gas-pipe and hydroturbine building are described as well as progresses in the production of gasblowers, compressors, air-blowers and in other fields of machinebuilding. The plant developed: casting of large-size structures of "20KhML" and "Kh25N12T" steel: castings, forged and punched pieces of "1Kh18N9T", "Kh18N12M2T", "EI268", "EI400" and other steel grades; castings of high-chromium cast iron (27 - 30% Cr). Mold and core mixtures of sand and water glass are being used, considerably reducing the desiccation time (up to seconds or several minutes).

A.G. ✓

Card 1/1

DESNITSKIY, Vladimir Porfir'yevich [deceased]; Prinsipali uchastiye:
KATUGIN, S.A.; GROMOVA, K.P., tekhnolog; DESNITSKAYA, T.K.;
SOKOLOV, A.N., dots., kand. tekhn. nauk, retsenzent;
LEVANDOVSKIY, S.N., inzh., red.; BORODULINA, I.A., red. izd-
va; POL'SKAYA, R.G., tekhn. red.

[Making alloyed steel castings for the manufacture of heavy
electric machinery] Proizvodstvo legirovannykh stal'nykh ot-
livok dlia energomashinostroeniia. Moskva, Gos.nauchno-tekhn.
izd-vo mashinostroit.lit-ry, 1961. 196 p. (MIRA 15:1)

1. Glavnyy metallurg Nevskogo mashinostroitel'nogo zavoda im.
Lenina (for Katugin).
 2. Nevskiy mashinostroitel'nyy zavod im.
Lenina (for Gromova).
- (Steel castings) (Electric machinery industry)

KATUKOV, G.P.

46702

Granovskiy, V.L., Luk'yanov, S.Yu., Spivak, G.V. and

Sivitskiy, I.G.

24.2.59

Report on the Second All-Union Conference on Gas

Electronics

PERIODICAL: Radiotekhnika i elektronika, 1959, Vol. 4, No. 8.

ABSTRACT: The conference was organized by the A.S. USSR, the

Ministry of Higher Education and Moscow State University.

Topics discussed: "Methods of Reducing the Energy Lost in the

Process of a Breakdown", "Microdischarges and

Pre-breakdown Currents Between Metal Electrodes in High

Vacuum", "Investigation of the

Processes of Initiation and Development of a High-voltage

Discharge in Vacuum", "The Character-

istics of Ignition in High-vacuum in Magnetic Fields",

"The Motion of Micro-particles of

Material during the pre-breakdown stage in vacuum",

"The Motion of Micro-particles of

Material during the pre-breakdown stage in vacuum",

"The Motion of Micro-particles of

Material during the pre-breakdown stage in vacuum",

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"The Motion of Micro-particles of

Material during the pre-breakdown stage in vacuum",

KATUKOV, M., marshal bronetankovykh voyesk, dvazhdy Geroi Sovetskogo Soyuza

Seven memorable hours. Voen. znan. 41 no.9:5 3 '65.

(MIRA 18:10)

KATUKOV, M., dvashdy geroy sovetskogo soyuza

Raising the class level of tank drivers and mechanics. Voen.
vest. 39 no. 1:31-36 Ja '60. (MIRA 14:2)

1. Marshal szonetankovykh voysiz.
(Tanks (Military science))

KATUKOV, M., marshal bronetankovykh voysk, dvazhdy Geroy Sovetskogo Soyuz

Great victory; on the 17th anniversary of the defeat of fascist
Germany by the Soviet Union. Komm.Vooruzh.Sil 2 no.8:19-25 Ap
'62. (MIRA 15:3)

(World War, 1939-1945)

KATUKOV, Mikhail Yefimovich, marshal bronetankovykh voysk, dvazhdy Geroy
Sovetskogo Soyuza

From the Vistula to the Oder. Voen. znan. 41 no.1:6 Ja '65.
(MIRA 18:2)

KVEK, German Germanovich; ZHENKO, Kira Aleksandrovna; KATULIN, Konstantin
Aleksandrovich; KUMRYAVTSEV, D.S., retsenzents; BAKUN, N.K., retsen-
zent [deceased]; BIRYUKOV, I.D., retsenzents; BAVSTRUKA, N.F., red.;
AKSENOVA, I.I., red.; MEDVEDEV, L.Ya., tekhn.red.

[Manufacture of gobelin fabrics] Proizvodstvo gobelenovykh tkani.
Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po legkoi promyshl., 1959.
133 p. (MIRA 13:3)
(Jacquard weaving) (Gobelin tapestry)

S/051/62/012/002/003/020
E032/E514

AUTHORS: Striganov, A.R., Katulin, V.A. and Yeliseyev, V.V.

TITLE: Properties of isotopic shift in the spectrum of samarium

PERIODICAL: Optika i spektroskopiya, v.12, no.2, 1962, 171-177

TEXT: The authors report new experimental results on the isotopic shift in the spectrum of samarium. In distinction to other workers they have used separated isotopes. A hollow cathode discharge tube was employed as the source of light and the working gas was argon at a pressure of 0.5 mm Hg. The high resolution instrument was a Fabry-Perot interferometer with multi-layer dielectric mirrors (reflection coefficient = 90%). The samarium specimens (even-even isotopes) were taken in the form of Sm_2O_3 . Three isotope samples were prepared from them by mixing. The samples were then converted into SmCl_3 and dissolved in distilled water. The water solution was introduced into the hollow aluminium cathode and was evaporated therein. The isotopic structure was examined with the ИЗА-2 (IZA-2) comparator in 8-12 orders. In each case three spectrograms were obtained

Card 1/2

Properties of isotopic shift ...

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E032/E514

with different separations between interferometer plates. A numerical table is given summarizing the data for 59 lines of SmI. For 56 of these the full isotopic structure is now reported for the first time. 31 of the lines have a negative shift and the remainder a positive one. It is shown that effects associated with changes in the deformation parameter and the amplitude of nuclear surface vibrations are responsible for the observed departure from the equidistant disposition of the components of the even-even samarium isotopes. It is also reported that lines with negative and positive shifts are shifted in somewhat different ways (lines with positive shift have shifts which are on the average greater than those of the negative shift lines). This is ascribed to the dependence of the relative isotopic shift on the properties of the atomic electrons. There are 2 figures and 7 tables.

SUBMITTED: March 1, 1961

Card 2/2

KATULIN, V.A.; MALKEVICH, M.S.; MALKOV, I.P.; ROZENBERG, G.V.; YURKOVA, I.I.

Air-borne device for measuring the radiation balance and some
results of atmospheric sounding. Trudy GGO no.166:282-294 '64.
(MIRA 17:11)

BELINKIN, A.A.; BUKANOV, V.A.; ZOTIKOV, S.L.; KATULIN, V.A.; SHVACHKINA,
A.F.

Substitution of plastic materials for metals. Med. prom. 15 no.1:
54-55 Ja '61. (MIRA 14:1)

1. Leningradskiy ordena Lenina mediko-instrumental'nyy zavod
"Krasnogvardeyets."
(DRUG INDUSTRY)

L 52042-22

AUTHOR

UR/0000/61,000-11

Card 1/2

layer 1-3 in above both regions. A slight decrease in the downwelling flux was

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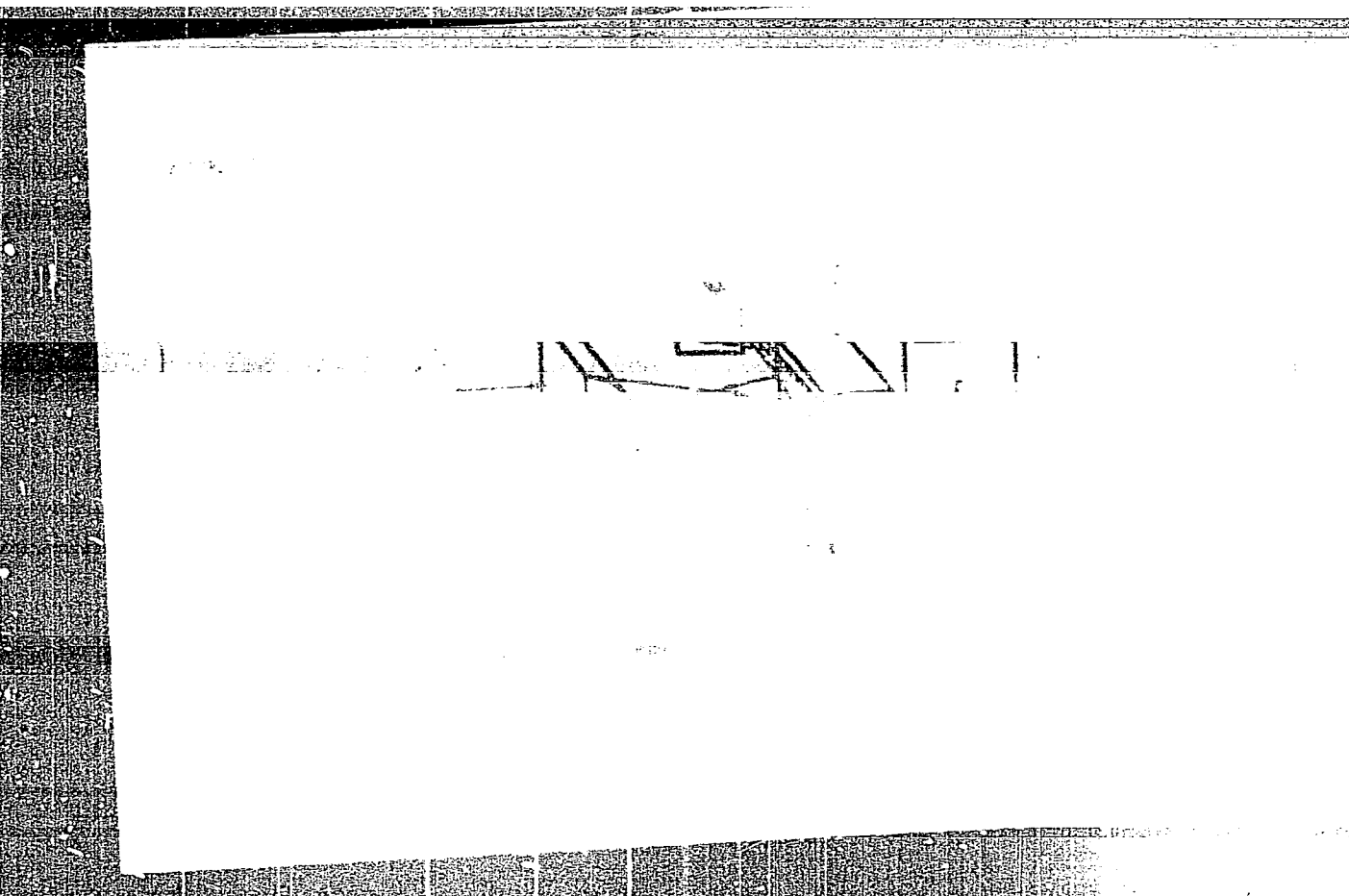
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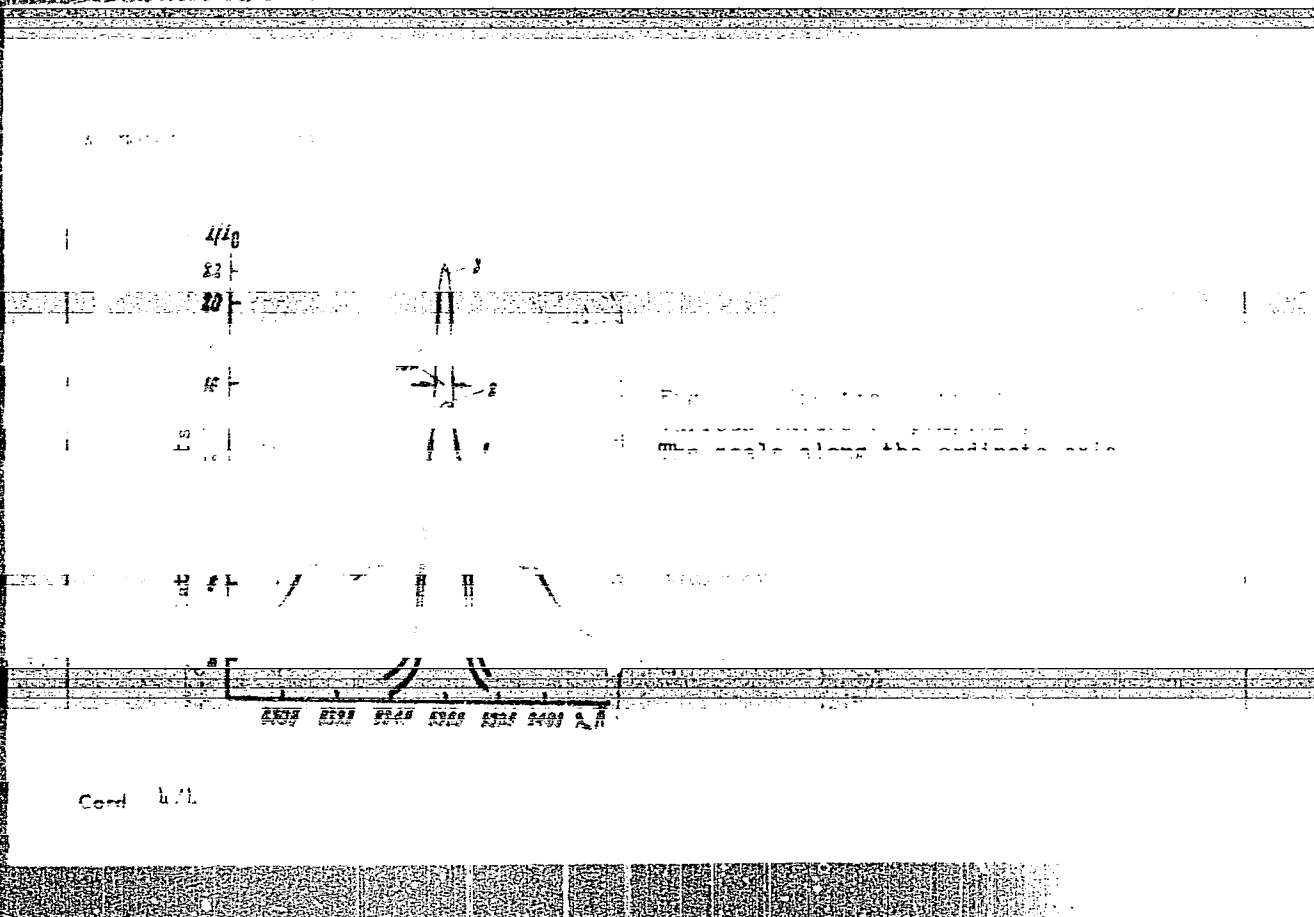
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L 9460-66 FBD/EWT(1)/EWP(e)/EWT(m)/EEC(k)-2/T/EWP(t)/EWP(k)/EWP(b)/EWA(m)-2/EWA(r)
 ACC NR: AP6000868 SCTB/IJP(c) WG/JD SOURCE CODE: UR/0181/65/007/012/3639/36
 AUTHOR: Basov, N. G.; Grasyuk, A. Z.; Zubarev, I. G.; Katulin, V. A. 44 74
 ORG: Physics Institute im. P. N. Lebedev, Academy of Sciences SSSR (Fizicheskiy
 institut Akademii nauk SSSR) 44 15
 TITLE: Laser action in CdS due to optical excitation by radiation from a ruby laser 44 15
 SOURCE: Fizika tverdogo tela, v. 7, no. 12, 1965, 3639-3640 25, 44 17
 TOPIC TAGS: laser, semiconductor laser, ruby laser, nonlinear optics, two photon
 absorption
 ABSTRACT: Laser action is reported in CdS excited by a ruby laser at 77K. Since the
 energy of photons of incident radiation ($\lambda = 1.78 \mu$) is smaller than the width of the
 forbidden gap (2.5 eV), two-photon absorption was responsible for laser action. A
 5 x 3 x 3 mm sample forming a Fabry-Perot cavity was excited by radiation from a 1-J
 ruby laser (pulse duration ~50 nsec). The emission spectrum from CdS at various
 pump densities (see Fig. 1) is similar to that of electron-beam-pumped CdS. The
 broadening of the oscillation line with higher pump power was attributed to an in-
 crease in the number of modes; however, a resolving power of 1 Å did not make it pos-
 sible to observe the change in the number of modes.

Cord 1/2

L 9460-66

ACC NR: AP6000868

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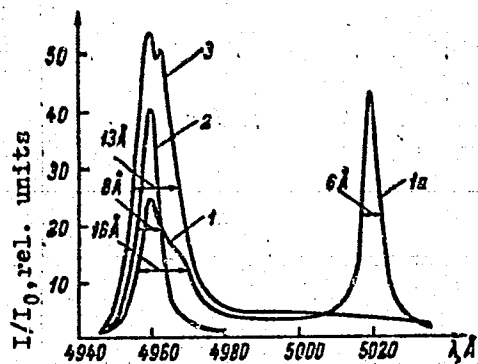


Fig. 1. The emission spectrum of CdS excited by a ruby laser. The pump power density: 1 and 1a - 60; 2 - 80; 3 - 600 Mw/cm². The vertical scale is different for different curves.

sible to observe the different modes. At 100 Mw/cm² emission occurred throughout the thickness of the crystal. Orig. art. has: 1 figure and 1 table. [CS]

SUB CODE: 20 SUBM DATE: 15May65/ ORIG REF: 004/ ATD PRESS: 4156

Card 2/2 (1)

L 9460-66

ACC NR: AP6000868

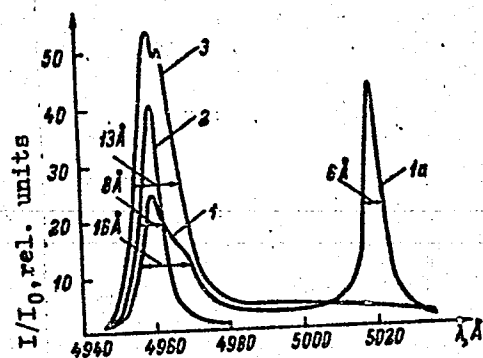


Fig. 1. The emission spectrum of CdS excited by a ruby laser. The pump power density: 1 and 1a - 60; 2 - 80; 3 - 600 Mw/cm². The vertical scale is different for different curves.

sible to observe the different modes. At 100 Mw/cm² emission occurred throughout the thickness of the crystal. Orig. art. has: 1 figure and 1 table. [CS]

SUB CODE: 20

SUBM DATE: 15May65/

ORIG REF: 004/

ATD PRESS: 4156

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TOPIC 1000
lated emission of the pumped laser.

Irradiation was performed on the (110) plane. The emission of the laser at 6943 Å, and the exciting radiation (6943 Å) and the emission of an

Card 2/3

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ASSOCIATION: Fizicheskii Institut
(Physics Institute, Academy of Sciences, USSR)

NO 181

L 22769-66 FBD/EWT(1)/EEC(k)-2/T/EWP(k)/EWA(h) IJP(c) WG

ACC NR: AP6010975

SOURCE CODE: UR/0056/66/050/003/0551/0559

AUTHOR: Basov, N. G.; Grasyuk, A. Z.; Zubarev, I. G.; Katulin, V. A.; Krokhin, O. N.

ORG: Physics Institute im. P. N. Lebedev, Academy of Sciences SSSR (Fizicheskiy institut Akademii nauk SSSR)

TITLE: Two-photon optically excited semiconductor laser 25, 44

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 50, no. 3, 1966, 551-559

TOPIC TAGS: laser, semiconductor laser, nonlinear optics, two photon absorption, optical excitation

ABSTRACT: The present paper is an expanded version of an earlier article on a two-photon optically excited GaAs laser (Zhurnal eksperimental'noy i teoreticheskoy fiziki, pis'ma v redaktsiyu, v. 1, no. 4, 1965, p. 29; (see ATD PRESS, v. 4, no. 15, 1965, p. 9)). It is pointed out that in calculating the coefficients of two-photon absorption in CdC, R. Braunstein and N. Ockman (Physical Review, v. 134, no. 2A, 1964, p. 499) neglected the interband states in the valence band and the interference term in the matrix elements, and thus arrived at incorrect results. Since a formula derived by L. V. Keldysh (Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 47, 1964, p. 1945) for the probability of multiphoton absorption gives a lower value than the experimentally obtained data for two-photon absorption, formulas are derived for the probability and the coefficient of two-photon absorption in GaAs, using the perturba-

Card 1/2

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ACC NR: AP6010975

tion theory and taking into account the band structure parameters of GaAs. In addition, expressions are also obtained for the dependence of the excitation intensity on the penetration depth of the exciting radiation into the semiconductor and the external coherent quantum yield and its dependence on the internal losses in the laser and on the length of the cavity. The calculated data are found to be in good agreement with the experimental results. Orig. art. has: 18 formulas and 7 figures. [C3]

SUB CODE: 20/ SUBM DATE: 06Oct65/ ORIG REF: 007/ OTH REF: 004/ ATD PRESS: 4229

Card 2/2 *da*

1 29358-66 EEC(k)-2/EWP(k)/EWT(l)/EWT(m)/FED/ETC(f)/T/EWP(e)/EWP(t)/ETI IJP(c)
 ACC NR: AP6018574 SOURCE CODE: UR/0181/66/008/006/1953/1954
 RDW/HG/WH/JD
 AUTHOR: Grasyuk, A. Z.; Yefimkov, V. P. Zubarev, I. G.; Katulin, V. A.;
 Mentser, A. N. 69
 66B
 ORG: Physics Institute im. P. N. Lebedev, AN SSSR, Moscow (Fizicheskii
 institut AN SSSR); Moscow Institute of Steel and Alloys (Moskovskiy
 institut stali i splavov)
 TITLE: CdSe semiconductor laser with two-photon optical excitation
 SOURCE: Fizika tverdogo tela, v. 8, no. 6, 1966, 1953-1954
 TOPIC TAGS: laser, semiconductor, semiconductor laser, cadmium
 selenide
 ABSTRACT: Laser action is reported in CdSe excited with a Q-switched
 neodymium-doped glass laser. Since the energy of the exciting radia-
 tion $h\nu = 1.17$ eV is smaller than the width of the forbidden band in
 CdSe ($\Delta = 1.88$ eV at 77K) the stimulated emission was attributed to
 two-photon absorption. The $8 \times 4 \times 2$ mm sample was cooled to 77K. The
 exciting radiation was incident on the 8×4 mm face of the sample per-
 pendicular to the Fabry-Perot cavity. The emission observed is shown
 in Fig. 1. The peak occurred at $6972 \text{ \AA}$ ($h\nu = 1.78$ eV). At an excita-
 tion density of 1 Mw/cm^2 the halfwidth of the spontaneous emission was
 Cord 1/2

L 29358-66

ACC NR: AP6018574

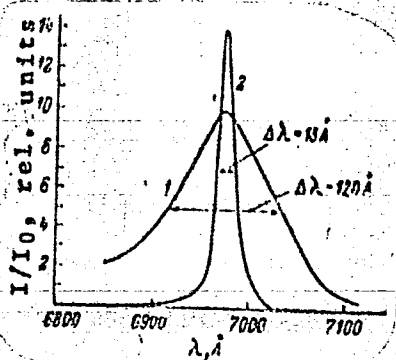


Fig. 1. The emission spectrum of CdSe at an intensity of exciting radiation of 1 Mw/cm^2 (1) and 7 Mw/cm^2 (2)

120 Å. Generation occurred at a density of exciting radiation of 7 Mw/cm^2 (the halfwidth narrowed down to 18 Å, the intensity of emission increased by two orders of magnitude, and directivity was $1-2^\circ$). The external quantum efficiency with regard to the energy of the exciting light penetrating the sample was 0.5%. A second harmonic of the exciting radiation at 5300 Å was observed when the pump light was parallel to the c-axis of the sample. The threshold intensity for excitation of CdSe was three times smaller than in optically pumped CdAs. An attempt to attain laser action in CdSe by ruby laser pumping was unsuccessful. Orig. art. has: 1 figure. [CS]

SUB CODE: 20/ SUBM DATE: 03Jan66/ ORIG REF: 003/ ATD PRESS: 5010
Cord 2/2 CC

KATULSKA, C.

Journal of Science of
Food and Agriculture
April 1954
Agriculture and Horticulture.

(2)
Root branching of apple seedlings without transplanting.
W. Szasylowski and C. Katulska (*Rozm. nauk Roln.*, 1953, 66, A,
N. 3, 107--116).—Soaking apple seeds in solutions of growth
substances (optimum K indolylbutyrate 40—250, K naphthylacetate
20—125 mg. per l.) increased the branching of roots sufficiently to
render unnecessary the transplanting of seedlings.

A. G. POLLARD.

KATUL'SKAYA, V.V.

AUTHOR: VIDRO, L.I., KATUL'SKAYA, V.V. 32-6-35/54
TITLE: The Use of Polymethylmetacrylate for the Production of the Standards for Difference of Paths of Rays. (Ispol'zovaniye polimetilmetakrilata dlya izgotovleniya etalonov raznosti choda, Russian).
PERIODICAL: Zavodskaya Laboratoriya, 1957, Vol 23, Nr 6, pp 745 - 746 (U.S.S.R.)
ABSTRACT: In order to determine the stresses in transparent models the standards and models are investigated simultaneously in the polariscope, and in the case of the coincidence of colors the amount of stress is measured. In practice, the reciprocal dependence between the radiation shift index of the polymethylmetacrylate (polarimeter "PMP") and the wavelength (SENARMON's compensator) was measured. By means of a light filter several narrow parts of the spectrum are limited. Mica plates $\frac{1}{4}$ were introduced in SENARMON's compensator for violet, green, and red parts of the spectrum for the purpose of accurate measurement. Within the structural boundaries the double radiation shift remains constant. By means of the aforementioned mica plates which are wedge-shaped, and which were introduced into the polariscope, an uninterrupted scale of interference colors was obtained, as the difference of radiation is a direct function of the thickness of the wedges. The difference

Card 1/2

BEZJAK, Branko, Dr.; KATUNARIC, Dusko, dr.

Internal forms of tularemia. Lijec. vjes. 78 no.5-6:209-
219 May-June 56.

1. Iz Klinike za zarazne bolesti i Zavoda za rentgenologiju
Opće bolnice dr. Stojanovica u Zagrebu.
(TULAREMIA, manifest.
internal, case reports (Ser))

KATUNARIC, Dusko, dr.

The frequency and diagnostic difficulties in ulcer of the anterior wall of the stomach. Lijec. vjes. 81 no.9-10:647-662 '59.

1. Iz Zavoda za rentgenologiju Opce bolnice "Dra M. Stojanovica" u Zagrebu.
(PEPTIC ULCER)

RAKULJIC, Ivan, dr.; KATUNARIC, Dasko, dr.

Alkaptonuria. Lijec. vjes. 81 no.11:839-846 '59.

1. Iz Internog odjela Opce bolnice "dra O. Novosela" i iz Zavoda
za rentgenologiju Opce bolnice "dra. M. Stojanovica" U Zagrebu.
(ALKAPTONURIA case reports)

KATUNARIC, D.; SUMANOVIC, Z.; SKARICA, R.

A technic for the percutaneous abdominal aortography. Acta chir. iugosl. 7(8) no.3:247-252 '60.

1. Zavod za rentgenologiju (predstojnik prof. dr. S.Kadrnka) i Kirurški odjel (predstojnik dr. D.Riessner) Opće bolnice "Dr. M.Stojanovic" u Zagrebu.
(ANGIOGRAPHY)

KACIC, Popovic, MEYER, 06/13/2000, CIA-RDP86-00513R000721210003-5"

APPROVED FOR RELEASE, 06/13/2000, KATUNARIC, Dusko; SLIJEPCEVIC, Adica

The appearance of foam in pyelography. Rad. med. fak. Zagreb 8 no.2: 203-214 '60.

(PYELOGRAPHY compl)

EPSTEYN, S., inzhener; KATUNIN, A., inzhener.

Using heat-resistant concrete for lining tunnel cars. Stroim. mat 3
no. 3:33 Nr '57. (Concrete) (Kilns) (MIRA 10:4)

KATUNIN, A.T., kand. tekhn. nauk

Main considerations in the classification of the spans of
metal bridges according to load capacity. Sbor. trud.
LITZHT no. 228:6-32 '64. (MIRA 18:12)

6 (4)

SOV/107-59-3-34/52

AUTHOR: Levin, L., Katunin, G., Kotov. B.

TITLE: The Radio Receiver "Syurpriz" (Radiopriyemnik "Syurpriz")

PERIODICAL: Radio, 1959, Nr 3, pp 40 - 42, p 1 of centerfold,
p 4 of cover (USSR)

ABSTRACT: Radio engineers of the Saratov Industrial-Economical Rayon have designed a pocket-size radio receiver "Syurpriz". Production of this receiver has already started. It is a superheterodyne with seven P-14 transistors and printed circuits. The polystyrene case is 150 x 80 x 32 mm, but does not have adequate mechanical strength, especially at the loudspeaker openings and at the tuning dial. The total weight of the radio is 520 g. Power is provided by four alkaline cadmium-nickel batteries of type KNP-0.42 with a capacity of 0.3 - 0.4 amp-h. The batteries may be charged from a 127/220 v ac network by means

Card 1/3

SOV/107-59-3-34/52

The Radio Receiver "Syurpriz"

of a special rectifier consisting of two MLT-2 resistors and one JG-Ts27 diode. At a nominal output of 0.1 watt, 20-40 milliamps are required. The receiver works on long waves (150 - 415 kc) and on medium waves (520 - 1600 kc). A built-in ferrite antenna, consisting of ferrite rod F-600, provides a sensitivity of not less than 10 mv/m for the long wave range and 7 mv/m for the medium wave range. There is also a jack for an external antenna. The adjacent-channel selectivity is 10 db. The receiver has automatic gain control and an efficiency factor of 34 %. The P-14 transistor of the converter is especially selected since the frequency to be generated by it must not be lower than 2.1 mc. Experience showed that it is possible to find one transistor which meets this requirement among seven P-14 transistors. The two-stage IF amplifier works with a frequency of 465 kc. The detector stage contains one

Card 2/3

KATUNIN, P.I., dotsent

Polyclinical service must be improved for the republic's children.
Zdrav.Turk. 2 no.6:3-7 N-D '58. (MIRA 16:3)
(TURKMENISTAN--CHILDREN--HOSPITALS)

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721210003-5

ACC NR: AP6024736

AUTHOR: Vashkov, V. I.; Dremova, V. P.; Starkov, A. V.; Volkova, A. P.;
Sinderova, M. V.; Katunina, V. I.; Larionova, V. D.; Yerina, K. M.

ORG: Central Disinfection Institute, Moscow (Tsentral'nyy dezinfektsionnyy institut)

TITLE: Insecticidal properties of the various forms of DDVP and perspectives of
their application for disinfestation

SOURCE: Zhurnal mikrobiologii, epidemiologii, i immunobiologii, no. 7, 1966, 24-29

TOPIC TAGS: insecticide, aerosol, DDVP, insect ~~pest~~

ABSTRACT: Preparations of DDVP (0,0-dimethyl 0-2,2-dichlorovinyl phosphate) can be
used for the immediate extermination of flies and domestic insects (bugs,
cockroaches, fleas), in the form of 0.5-0.3% aqueous solutions. A
minimal amount, assuring 100% destruction of flies, fleas, and bugs on
finished surfaces (glass, wood) is 0.05-0.5 g. for cockroaches 1-2 g.
per 1 m² (see Tables 1 and 2). Residual action at 18-20° lasts no
longer than 5-7 days. To exterminate fly larvae in their substrate,
a 0.2%-0.5% aqueous solution can be used at a standard flow rate of
the pressure fluid (1-2 liters of solution for materials up to 30 cm
thick. Bait for flies and cockroaches can be prepared from aqueous

Card 1/2

UDC: 616.981.452-092.9-097.3

1. SKVORTSOV, S. O.; KATUNIN, V. Kh.; (Engs.)
2. USSR (600)
4. Solvents
7. Continuous method for producing methyl alcohol solvents. Der. i lesokhim. prom
1 no. 3 1952.
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

KATUNIN, V. Kh.; GOL'DSHTEYN, A. Ya.; Engs.

Acetic Acid

Ways to economize on auxiliary chemicals in the production of esters of acetic acid and methanol. Der. i lesokhim. prom. 2, No. 4, 1953.

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

KATUNIN, V. Kh.

KATUNIN, V. Kh. -- "A Study of the Process of Pyrolysis of Wood with a Solid Heat Container under Laboratory Conditions." Min Higher Education USSR. Leningrad Order of Lenin Forestry Engineering Academy imeni S.M. Kirov. Leningrad, 1956
(Dissertation for the Degree of Candidate of Technical Science.)

SO: Knizhnaya Letopis', No. 9, 1956

KATUNIN, V.Kh.

Use of froth apparatus for the recovery of low-boiling wood chemicals.
Sbor. trud. TSNILKHI no.12:126-129 '57. (MIRA 13:10)
(Wood distillation)

KATUNIN, V.Kh.

Wood pyrolysis with a solid heat-carrying agent. Gidrolis.
i lesokhim. prom. 10 no.3:4-6 '57.

(MLRA 10:5)

1. TSentral'nyy nauchno-issledovatel'skiy lesokhimicheskiy
institut.

(Pyrolysis) (Wood distillation)

KATUNIN, V.Kh.; GULYAYEV, B.N.

Recovery of low-boiling products of wood pyrolysis in froth apparatus.
Gidroliz.i lesokhim.prom. 10 no.4:8-10 '57. (MIRA 10:7)

1. TSentral'nyy nauchno-issledovatel'skiy lesokhimicheskiy institut.
(Wood distillation) (Absorption)

KATUNIN, V.Kh.; FILIPPOV, B.N.; TOKISHIN, G.F.

New apparatus for the absorption of valuable wood chemistry products. *Gidroliz. i lesokhim.prom.* 12 no.1:12-14 '59.
(MIRA 12:2)

1. Tsentral'nyy nauchno-issledovatel'skiy lesokhimicheskiy institut (for Katunin). 2. Amzinskiy lesokhimicheskiy zavod (for Filippov, Tokishin).
(Wood--Chemistry) (Scrubber (Chemical technology))

KATUNIN, V.Kh.; FILIPPOV, B.N.

Condensation of products of the thermal decomposition of wood
from a vapor-gas mixture in froth condensation apparatus. Gidroliz.i
lesokhim.prom. 12 no.3:5-7 '59. (MIRA 12:6)

1. Tsentral'nyy nauchno-issledovatel'skiy lesokhimicheskiy institut
(for Katunin). 2. Amzinskiy lesokhimicheskiy zavod (for Filippov).
(Cooling towers) (Wood distillation)

KATUNIN, V.Kh.;SHLYAPNIKOVA, A.Y.

Condensation of tar fog in the froth apparatus. Gidroliz. i lesokhim.
prom. 12 no.7:10-11 '59 (MIRA 13:3)

1. Tsentral'nyy nauchno-issledovatel'skiy lesokhimicheskiy institut.
(Wood-using industries--Equipment and supplies)
(Gas purification)

KATUNIN, V.Kh., kand.tekhn.nauk; ASEYEVA, Z.G.

Sorption of formaldehyde and methanol in a froth column.

Khim. prom. no. 6:513-514 S '60.

(MIRA 13:11)

(Formaldehyde) (Methyl alcohol) (Plate towers)

GORDON, L.V.; UVAROV, I.P.; KATUNIN, V.Kh.; SHUTOV, A.F.; KAMINER, B.B.;
FOMENKO, L.A.

Distillation and coking of wood tars with a solid heat
carrier. Gidroliz.i lesokhim.prom. 13 no.3:3-4 '60.
(MIRA 13:7)

1. Tsentral'nyy nauchno-issledovatel'skiy lesokhimicheskiy
institut (for Katunin). 2. Gosudarstvennyy nauchno-tekhnicheskiy
komitet Soveta ministrov RSFSR (for Shutov). 3. Vsesoyuznyy
nauchno-issledovatel'skiy institut po pererabotke nefi i gaza
(for Fomenko).

(Wood tar) (Distillation)

KATUNIN, V.Kh.; PENKINA, V.I.

Isomerization of maleic acid in the presence of thiourea.
Zhur. prikl. khim. 36 no.10:2261-2265 0 '63.

(MIRA 17:1)

1. Nauchno-issledovatel'skiy institut organicheskikh polu-
produktov i krasiteley.

KATUNINA, L.P., Cand Med Sci -- (diss) "On the morphology
of the ^{popliteal} artery ~~under the knee~~." Ashkhabad, 1958, 11 pp
(Turkmen ~~State~~ State Med Inst im I.V. Stalin) 200 copies
(KL, 23-58, 111)

- 133 -

APPROVED FOR RELEASE: 06/13/2000

CIA-RDP86-00513R000721210003-5"

COUNTRY : USSR
CATEGORY : General and Specialized Zoology. Insects. Fruit and
Olive Pests
ARG. JOUR. : RZhBiol., No. 22 1958, No. 100095
AUTHOR : Katunina, L.
INST. : Moscow Agricultural Academy imeni K.A. Timiryazev
TITLE : A New Pest of Fruit Crops - the Leafhopper Cicada
Cubalus P.
ORIG. PUB. : Zh. stud. nauchno-issled. rabot. Mosk. S.-kh. Akad. im.
K.A. Timiryazeva, 1957 (1958), No. 7, 99-102
ABSTRACT : No abstract.

CARD: 1/1

39

ALFEROVA, L.A.; KATUNINA, V.I.

Technology of the processing of wood powder. Sbor.trud. TSNILKHI
no.13:39-45 '59.

(MIRA 13:10)

(Wood--Chemistry)

ALFEROVA, L.A.; KATUNINA, V.I.

Preparation of acids from wood powder. Gidroliz.i lesokhim.
prom. 13 no.4:9-10 '60. (MIRA 13:7)

1. Tsentral'nyy nauchno-issledovatel'skiy lesokhimicheskiy
institut.
(Wood--Chemistry) (Acetic acid) (Acids, Organic)

ALFEROVA, L.A.; KATUNINA, V.I.

Technology of the processing of gray calcium acetate. Sbor.
trud.TSNILKHI no.14:17-25 '61. (MIRA 16:4)
(Calcium acetate) (Wood distillation)

KATUNKIN, A.P., inzh.

Attachment to gantry cranes with a capacity of 30 tons for
lifting cylinders of TP-230-B boilers weighing 57 t. Energ.
stoi. no.4:46-47 '59. (MIRA 13:8)

1. Upravleniye "Sibenergmontazh".
(Boilers) (Cranes, derricks, etc.)

KATUNSKIY, Arseniy Mikhaylovich; TARASENKOV, Vladimir Petrovich;
COLIKOV, V.V., inzh.-podpolkovnik, red.

[Operation of tanks; a manual for a tank crew] Ekspluata-
tsia tankov; posobie tankovomu ekipazhu. Moskva, Voen-
izdat, 1964. 142 p. (MIRA 17:5)

L 24512-65 EWT(d)/EWT(m)/EWP(w)/EWA(d) EM

ACCESSION NR AM5002712

BOOK EXPLOITATION

Katunskiy, Arseniy Mikhaylovich

Driving tanks (Vozhdeniye tankov), Moscow, Voenizdat M-va obor. 60
117 p. illus. 9,000 copies printed.

TOP SECRET

Approved for Release by NSA on 09-11-2013 pursuant to E.O. 13526

- Ch. I. General principles of tank movement -- 1
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Ch. VI. Surmounting tank traps and obstacles -- 55
Ch. VII. Driving tanks at night -- 72
Ch. VIII. Conditions for increasing the speed of tank driving -- 80
Ch. VIII. Driving tanks in a marsh -- 88
Ch. I. Combat driving of tanks -- 94

Card 1/2

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SUBMITTED: 03Apr64

NO REP SOV: 000

ST. CODE: MS

OTIAP: 000

Card 2/2

KATUNSKIY, A.Ya.; MICHANI, A.; FEDINA, L.; KHAYUTIN, V.M.

Electrophysiological analysis of the formation of vasomotor
reflexes. Trudy Inst.norm.i pat.fiziol. AMN SSSR 7:51-52
'65.

(MIRA 18:6)

1. Laboratoriya b'ofiziki serdechno-sosudistoy sistemy (zav. -
doktor med.nauk V.M.Khayutin) Instituta normal'noy i
patologicheskoy fiziologii AMN SSSR.

9.2550
6.9000

SOV/58-59-12-28013

Translation from: Referativnyy zhurnal. Fizika, 1959, Nr 12, p 217 (USSR)

AUTHOR: Katuntsev, V.D.

TITLE: On the Suppression of ⁸Pulse Noises²⁵ by Means of a Non-Linear Conversion of the Signal and Disturbances in the High-Frequency Channel of the Receiver

PERIODICAL: Tr. Gor'kovsk. politekhn. in-ta, 1958, Vol 14, Nr 5, pp 25 - 44

ABSTRACT: The method for suppressing pulse noises in the HF channel of a radio receiver is described. The general idea of the method consists in the fact that during the occurrence of the pulse noise the receiver is cut off at a high frequency without a break in the constant component. During the occurrence of the noise no signal or noise is admitted into the HF circuits of the receiver, in which damped oscillations will proceed. Therefore, a trough is always formed in the envelope curve of the output voltage, due to occurring noise, with a depth, depending on its duration. Circuit systems consisting of three block units are investigated:

Card 1/2

1) The RON circuit consists of a detuned filter, a maximum limiter,

SOV/58-59-12-28013

On the Suppression of Pulse Noises by Means of a Non-Linear Conversion of the Signal and Disturbances in the High-Frequency Channel of the Receiver

a tuned filter; 2) the DON circuit differs from the RON in that the first filter consists of two narrow-band filters; 3) the ShOU circuit consists of a wide-band block unit, a limiter and a narrow-band block unit. It is shown that the investigated RON and DON circuits ensure a considerable gain in noise-proof feature. The increase in noise-proof feature is hereby achieved by an insignificantly more complex arrangement of the receiver. The noise-proof gain of the RON, DON and ShOU circuits is about the same, however, in the RON and DON circuits this gain is achieved without increasing the pass-band width of the filter, standing in front of the limiter, which is the case on the ShOU circuit.

Card 2/2

9.3271 (1040)

27765
S/058/61/000/007/072/086
A001/A101

AUTHOR: Katuntsev, V.D.

TITLE: The limiter with the following threshold in the system: detuned filter, limiter, tuned filter

PERIODICAL: Referativnyy zhurnal, Fizika, no. 7, 1961, 323, abstract 7Zh298 ("Tr. Gor'kovsk. politekhn. in-ta", 1960, v. 16, no. 2, 69 - 73)

TEXT: The author considers a system in which the level of limiting, at small modulation depth of desired signal, can be reduced without origination of nonlinear distortions. A lower level of limiting of interferences makes it possible to decrease the magnitude of detuning of the first filter without impairing the interference resistance of the system. In order to change the level of signal limiting, a controlling voltage (U_0) is fed to the limiter; this voltage is obtained by means of a twofold detecting of an amplitude-modulated signal. The notion of controlling ring, proposed by M.S. Neyman, is used to estimate the stability of the system. Unstable operation of the system can set in when the circuit of the controlling ring is closed. However, the system which is correctly adjusted does not self-excite. 4

[Abstracter's note: Complete translation] A. Afromeyev

Card 1/1

KATUNTSEV, V.D., inzh.

Limiter with tracking threshold in a system with a detuned
filter, limiter, and tuned filter. Trudy GPI 16 no.2:69-73
'60. (MIRA 16 :9)

6,4460

S/194/61/000/006/062/077
D201/D302

AUTHOR: Katuntsev, V.D.

TITLE: Threshold following limiter in the detuned filter-limiter-tuned filter system

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 6, 1961, 8, abstract 6 I38 (Tr. Gor'kovsk. politekhn. in-ta, 1960, 16, no. 2, 69-73)

TEXT: The analysis of a performance of the system consisting of series connected detuned filter, a threshold following limiter and a tuned filter is given. The limiting level has to follow the envelope of maximum values of amplitude which varies in accordance with the changes of modulation depth. The voltage required to control the threshold of limiting may be obtained from push-pull detection of the peak amplitude of the signal voltage. The purpose of the system analyzed is the elimination of pulse interference in radio reception. Its operation is described by a non-linear inte-

Card 1/2

✓
B

Threshold following limiter...

S/194/61/000/006/062/077
D201/D302

gro-differential equation, whose exact solution cannot, in its general form, be obtained. The method used in the work of approximate integration made it possible to analyze the problems of non-linear distortions and of the stability of the system. It is shown that the threshold following limiter makes it possible to decrease the detuning of the first filter without reducing the interference-killing properties of the system. A correctly adjusted circuit does not go into oscillations and does not introduce non-linear distortions of the signal. The threshold following limiting is obtained by only a slight complication of circuitry. 1 figure. 2 references. [Abstracter's note: Complete translation]

VB

Card 2/2

KATUNTSEV, V. D., Cand. Tech. Sci. (diss) "Dampening of Impulse Interference by Means of Non-Linear Transformation of Signal and of Interference in High-Fidelity Receiver," Leningrad, 1961, 8 pp. (Leningrad Higher Engr. Marine School) 150 copies (KL Supp 12-61, 267).

BAROCHINA, B.Ya.: KATUSHKIN, V.P.; MINSTER, V.Sh.; ABOVSKIY, B.TS.;
ALEKSANDROVICH, I.F.; ZERNOV, P.N.; SORINA, Ye.M.; DOLGOVA, I.M.;
POZIN, Z.S.; SMYKOV, B.A.

Recovery of carbon disulfide from the steam-air mixture from
centrifugal machines. Khim. volok. no.4:69-70, '64. (MIRA 18:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo
volokna (for Barochina, Katushkin, Minster). 2. Mogilevskiy zavod
iskusstvennogo volokna (for all except Barochina, Katushkin,
Minster).

KATUNTSEVA, N. M.

3-6-10/29

AUTHOR: Katuntseva, N.M.

TITLE: From the History of the Worker Faculties (Iz istorii rabochikh fakultetov)

PERIODICAL: Vestnik Vysshey Shkoly, 1957, # 6, pp 50-53 (USSR)

ABSTRACT:

During the first revolutionary years, when the question of proletarianizing the higher educational institutions became pressing, worker's faculties (rabfak) were established at the higher schools, the first one at the Moscow Institute of Commerce (now Institute of National Economy imeni Plekhanov - Institut narodnogo khozyaystva imeni Plekhanova) on 2 February 1919. Their object was to prepare, within a short time, factory workers and peasants for study at vuzes, who were to be 16 years or older. In 1932/33 there were 1025 of these schools in operation with 339,500 pupils. In 1938/39 there were only 47 rabfaks with 107,877 pupils, and as the cultural revolution in the USSR was accomplished, they ceased to exist. The experience gained from these schools is now being applied by Czechoslovakia, Poland, Bulgaria, German Democratic Republic and China. By 1955 the percentage of proletarian students in Chinese higher schools amounted to 30%. There are 3 Russian

Card 1/2

L 25834-66 EWT(m)

ACC NR: AT6012275

(A)

SOURCE CODE: UR/3166/65/000/004/0082/0086

AUTHORS: Katuntsevskiy, O. G.; Kuz'min, Ye. D.

ORG: Odessa Civil Engineering Institute (Odesskiy inzhenerno-stroitel'nyy institut)

TITLE: Influence of the duration of compression of cement-sand mixtures on the final strength of sand concrete

SOURCE: ASIA UkrSSR. Institut stroitel'nykh materialov i izdeliy. Stroitel'nyye materialy, detali i izdeliya, no. 4, 1965. Beton (Concretes), 82-86

TOPIC TAGS: cement, concrete, pressure effect

ABSTRACT: The effect of precompressing concrete mixtures on the final strength of the concrete was determined. The concrete mixtures consisted of 1:3 = portland cement M400:sand and 1:2.5 = water:cement. The specimens were compressed with an applied pressure of 10 kg/cm² for various periods of time, and the compression strength of the specimens was determined (see Fig. 1). It is concluded that precompression of cement-sand mixtures increases the final strength of the concrete. It is also suggested that the mechanism for the strength increase consists in the initial destruction of the relatively weak aluminate structure and subsequent formation of a strong crystalline skeleton.

Card 1/2

ACC NR: AT6012275

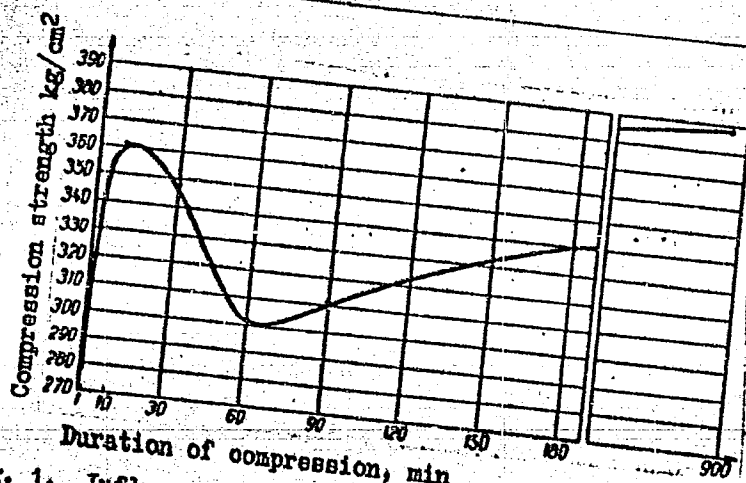


Fig. 1. Influence of the duration of compression of cement-sand mixtures on the final strength of the concrete.

Orig. art. has: 1 figure.

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 004

Card 2/2

KATURKIN, Ye.

Kak Preodolevat' inzhenernyye sgrazhdeniya (How to Overcome Engineering Obstacles) by M. SHEVCHUK and Ye. KATURKIN. Voenizdat, 1954, 80 pages, price 1 ruble, 25 kopecks. (Krasnaya Zvezda)

SO: Sum. No. 486, 10 May 1955

KATURKIN, Yo., inzh.-podpolkovnik

Defense against the indirect effect of a blast wave. Voen.-inzh.zhur.
102 no.4:26-29 Ap '58. (MIRA 11:4)
(Atomic warfare) (Military engineering)
(Attack and defense (Military science))

BELOKON', A., polkovnik, kand.voyennykh nauk; KATURKIN, Ye., inzh.-podpolkovnik,
kand.tekhn.nauk

Shelters from nuclear blast. Voen.znan. 36 no.6:37-38 Je '60.
(MIRA 13:6)

(Bomb sh'elters)

SHEVCHUK, Mikhail Konstantinovich, gvardii podpolkovnik; KATURKIN,
Yevgeniy Afanas'yevich, kand. tekhn. nauk, inzh.-podpolkovnik;
IVOLGIN, A.I., polkovnik, red.; SOKOLOVA, G.F., tekhn. red.

[How to overcome obstacles erected by the engineers] Kak preodo-
levat' inzhenernye zagrazhdeniia. Moskva, Voen.izd-vo M-va obor.
SSSR, 1961 182 p. (MIRA 15:2)
(Mines, Military) (Obstacles (Military science))

HOMMIK, K., kand. tekhn. nauk; KALJUMAE, H., inzh. gidrotekhn.;
 KASK, R., kand. sel'khoz. nauk; KATUS, A., inzh. lesnogo khoz.;
 KILDEMAA, K., kand. geogr. nauk; KURKUS, J., agronom; LIPPMAA, A.,
 inzh. gidrotekhn.; PANT, R., prepodavatel', agronom; RAIG, V.,
 inzh. gidrotekhn.; REMEL, A., inzh. melior.; TALPSEPP, E., kand.
 sel'khoz. nauk; SOOSAAR, V., inzh., lesnogo khoz.; STERNFELD, R.,
 inzh. stroit.; TOMINGAS, E., inzh. melior.; KARUS, G., red.;
 RAUD, M., red.; VANTRE, I., tekhn. red.

[Handbook for soil improvement] Maaparanduse kasiraamat. Tal-
 linn, Eesti riiklik kirjastus. Vol.1. [Fundamentals of soil
 improvement] Maaparanduse alused. 1962. 473 p. (MIRA 15:5)
 (Soils)

KATUS, Laszlo

Garibaldi and the Thousand of Marsala; on the one hundredth anniversary of the Italian Risorgimento. Elet tud 15 no.20:611-614 15 My '60.

1. Magyar Tudományos Akademia Történettudományi Intézetének tudományos munkatársa, Budapest.

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no.20:114-118 '60. (MIRA 15:10)

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India, December 1964. Izv. AN SSSR. Ser. geol. 30 no.6:141-142
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KATUSHENOK, T.A. (Leningrad, Petrogradskaya, Bol'shoy pr., 98, kv.37)

Use of a mixed intra-extrapleural pneumothorax in treating
cavitary pulmonary tuberculosis. Vest.khir. 87 no.11:62-67
N°61. (MIRA 15:11)

1. Iz khirurgicheskogo otdeleniya Leningradskogo nauchno-issledo-
vatel'skogo instituta tuberkuleza (nauchn. rukovod. - prof. I.S.
Kolesnikov, dir. - prof. A.D. Semenov).
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1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSING AND PROPERTIES INDEX																			
CA KATUSHEV, F. I.										19									
Emery paper or cloth. V. G. Kontor and F. I. Katushev. U.S.S.R. 65,114, Aug. 31, 1945. To alkyl resins used as binder in emery paper or cloth are added mineral pigments for the purpose of accelerating the drying process and improving the quality of the product. M. Hosh																			
ASB-51A METALLURGICAL LITERATURE CLASSIFICATION										BETTER LITERATURE									
FROM SYNOPTIC										FROM MONIST									
SYNOPTIC										MONIST									
SYNOPTIC										MONIST									

SOV/122-59-3-22/42

AUTHORS: Katushev, F.I. (Engineer), and Rutner, D.B.

TITLE: Protection of Machined Components by a Solution of Sodium Nitrite (Konservatsiya detaley rastvorom nitrita natriya)

PERIODICAL: Vestnik Mashinostroyeniya, 1959,³⁹ Nr 3, pp 69-71 (USSR)

ABSTRACT: The Gor'kiy Automobile Factory has evolved a process for protection of machined components from corrosion for periods of at least one year by using a 25 to 30% solution of sodium nitrite. The solution acts by deposition of sodium nitrite crystals onto the metal surface which attract moisture from the air; this moisture forms a passive film of solution which is renewed continuously by oxidation of the film. Thorough preliminary degreasing is essential: a wash first in a 1.5% caustic soda and 1% waterglass solution is followed by a second wash in 1 to 2% caustic soda, followed by a final wash in a 1 to 2% solution of trisodium phosphate. Time for each wash is 1½ minutes at 80 to 90°C. Small quantities of these solutions remaining on the treated parts are said to cause no corrosive action. The parts are then dipped slowly

Card 1/3

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Protection of Machined Components by a Solution of Sodium Nitrite
into a 30% solution of sodium nitrite which is at a temperature of 40 to 60°C, and held there for 2 to 3 minutes. To ensure safe protection for periods up to 2 or 3 years, the treated components should be wrapped in kraft paper which has been impregnated with a 10% solution of sodium nitrite. A semi-automatic line for treatment of steel or cast iron parts is illustrated diagrammatically. The treatment enables a considerable saving in the cost of the greases formerly used for protection and also enables expensive bitumenized paper to be replaced by the cheaper kraft paper. The film is rather weak and the parts require careful handling. The treatment cannot be used for non-ferrous metals. Extra protection can be given by dipping the treated parts in vaseline at 110 to 120°C. Before the treated components Card 2/3 are put into service they should be washed in a

SOV/122-59-3-22/42

Protection of Machined Components by a Solution of Sodium Nitrite

2% solution of sodium nitrite, dried, and then protected
by machine oil.

There is 1 figure.

Card 3/3

KUPRIYANOV, P.A.; BURMISTROV, M.I.; KATUSHEV, F.Kh.; MISHURA, Y.I.

Causes of unfavorable outcome in the surgical correction of some
congenital heart defects. Khirurgiia 36 no.7:3-9 Je '60.

(MIRA 13:12)

(HEART--SURGERY)

KATYUSHIN, M. [Katsiushyn, M.]

"The heart of a girl"; verse, by Danuta Bichel', Reviewed by
M. Katsiushyn. Rab. i sial. 37 no.7:20 J1 '61. (MIRA 15:2)
(Bichel', Danuta, 1938-)

S/868/62/000/000/002/003
A004/A126

AUTHOR: Katushkin, V.G.

TITLE: Fire-prevention measures in the production of perchlorovinyl resin
(chlorine resin)

SOURCE: Pozharnaya bezopasnost' novykh proizvodstv khimicheskoy promyshlen-
nosti; sbornik statey diplomantov. Ed. by V.A. Chekryzhov. Mos-
cow, Izd-vo M-va kommunal'nogo khozyaystva, RSFSR, 1962, 62 - 67

TEXT: After giving a description of the technological process of producing
perchlorovinyl resins, and of the main physico-chemical properties of chloroben-
zene, polyvinylchloride and perchlorovinyl resins, the author comments on the
inflammability of the various raw materials and semi-finished products and empha-
sizes the possibility of the formation of explosive concentrations in the course
of the production process. He comments on the possible causes of this formation
of explosive concentrations and then enumerates the fire-prevention measures
that have to be strictly adhered to. J

Card 1/1

GOLOULINA, G.P.; SHUGOL', S.Z.; KATUSHKIN, V.P.; KNYAZEV, M.N.

Remote control of the quality and quantity of tire casings
built at the Kirov Tire Factory. Kauch.i rez. 21 no.2:44-45
F '62. (MIRA 15:2)

1. Kirovskiy shinnyy zavod.
(Kirov (Kirov Province)---Tires, Rubber)