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AUTHOR: [illegible], N.P., inzhener; BALAKHIN, B.S., doktor tekhnicheskikh nauk, professor; BARYLOV, G.I., inzhener; BEYZEL'MAN, R.D., inzhener; BERDICHEVSKIY, Ya. G., inzhener; BOEKOV, A.A., inzhener; KALININ, M.A., kandidat tekhnicheskikh nauk; KOVAN, V.M., doktor tekhnicheskikh nauk; professor; KORSAKOV, V.S., doktor tekhnicheskikh nauk; KOSILOVA, A.G., kandidat tekhnicheskikh nauk; KUDRYAVTSEV, N.T., doktor khimicheskikh nauk; professor; KURYSHEVA, Ye.S., inzhener; LAKHTIN, Yu.M., doktor tekhnicheskikh nauk, professor; NAYERMAN, M.S., inzhener; NOVKOV, M.P., kandidat tekhnicheskikh nauk, PARIY_ SKIY, M.S., inzhener; PEREPONOV, M.N., inzhener, POPILOV, L.Ya., inzhener; POPOV, V.A., kandidat tekhnicheskikh nauk; SAVERIN, M.M., doktor tekhnicheskikh nauk, professor; SASOV, V.V., kandiat tekhnicheskikh nauk; SATEL', E.A., doktor tekhnicheskikh nauk, professor; SOKOLOVSKIY, A.P., doktor tekhnicheskikh nauk, professor, (deceased) STANKEVICH, V.G., inzhener; FRUMIN, Yu.L., inzhener; KHRAMOY, M.I., inzhener, TSEYTLIN, L.B., inzhener; SHUKHOV, Yu.V., kandidat tekhnicheskikh nauk; BABKIN, S.I., kandidat tekhnicheskikh nauk; VOLKOV, S.I., kandidat tekhnicheskikh nauk; GORODETSKIY, I.Ye., doktor tekhnichekikh nauk, professor; GOROSHKIN, A.K., inzhener; DOSCHATOV, V.V., kandidat tekhnicheskikh nauk; ZAMALIN, V.S., inzhener; ISAYEV, A.I., doktor tekhnicheskikh nauk; professor; KEDROV, S.M., Kandidat tekhnicheskikh nauk; MALOV, A.N., kandidat tekhnicheskikh nauk; MARDANYAN, M.Ye., inzhener; PANCHENKO, K.P., kandidat tekhnicheskikh nauk; SEKRETEV, D.M., inzhener; STAYEV, K.P., kandidat tekhnicheskikh nauk; SYROVATCHENKO, P.V., inzhener; TAURIT, G.E., inzhener; EL'YASHEVA, M.A., kandidat tekhnicheskikh, nauk.

(Continued on next card)

ANTIPOV, K.F. ---(continued) Card 2.

GRANOVSKIY, G.I., redaktor; [illegible]

redaktor; [illegible]

[deceased]; SOKOLOVA, T.F., [illegible]

[Machine builder's manual] [illegible]
v dvukh tomakh, red.sovet V.N. [illegible]
i dr. Moskva, Gos.nauchno-[illegible]
Vol. 1. (Pod red. A.G.Kosilov[illegible]
Mal'tsev) 1951. 634 p.
(Machinery industry)

ZUBOK, V.N., inzhener, redaktor; UMNYAGIN, M.G., inzhener, redaktor; KASSATSIER, M.S. inzhener, redaktor; SHIFRIN, S.M., redaktor; TEMKIN, A.V., redaktor; TIKHONOV, A. Ya., tekhnicheskiy redaktor.

[Experience in introducing advanced technology in factories engaged in heavy machine building] Opyt vnedreniia peredovoi tekhnologii na zavodakh tiazhelogo mashinostroeniia. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1955.306 p. (MLRA 9:4)

1.Moscpw. Vsesoiuznyy proyektno-tekhnologicheskiy institut.
(Machinery--Construction)

PIKKEL', Bentsion Yakovlevich; BUKMISTROV, P.I., kandidat tekhnicheskikh nauk, retsenzent; ZUROK, V.N., inzhener, retsenzent; KASSATSIER, M.S., inzhener, redaktor [deceased]; TIKHONOV, A.Ya., tekhnicheskiy redaktor

[Technology of hoisting and transporting machine building] Tekhnologiia pod"emno-transportnogo mashinostroeniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 379 p. (MLRA 10:2)
(Hoisting machinery) (Machinery industry)

IVANOV, Vasiliy Vasil'yevich; ZUBOK, V.N., inzhener, retsenzent; VOROB'YEV, V.N., inzhener, redaktor; TIKHONOV, A.Ya., tekhnicheskiy redaktor

[Mechanical milling of parts for steam turbines] Mekhanicheskaia obrabotka detalei parovykh turbin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 392 p. (MLRA 10:1)
(Steam turbines)

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AUTHOR: [illegible] inzhener; BARANSHIN, B.S., doktor tekhnicheskikh nauk, professor; BARYLOV, G.I., inzhener; BEYZEL'MAN, R.D., inzhener; BERDICHEVSKIY, Ya.G., inzhener; BOBKOV, A.A., inzhener; KALININ, M.A., kandidat tekhnicheskikh nauk; KOVAN, V.M., doktor tekhnicheskikh nauk, professor; KORSAKOV, V.S., doktor tekhnicheskikh nauk; KOSILOVA, A.G., kandidat tekhnicheskikh nauk; KUDRYAVTSEV, N.T., doktor khimicheskikh nauk, professor; KURYELEVA, Ye.S., inzhener; LAKHTIN, Yu.M., doktor tekhnicheskikh nauk, professor; MAYERMAN, M.S., inzhener; NOVKOV, M.P., kandidat tekhnicheskikh nauk; PARIY-SKIY, M.S., inzhener; PEREPONOV, M.N., inzhener, POPILOV, L.Ya., inzhener; POPOV, V.A., kandidat tekhnicheskikh nauk, SAVERIN, M.M., doktor tekhnicheskikh nauk, professor; SASOV, V.V., kandidat tekhnicheskikh nauk; SATEL' E.A., doktor tekhnicheskikh nauk, professor, SOKOLOVSKIY, A.P., doktor tekhnicheskikh nauk, professor, (deceased) STANKEVICH, V.G., inzhener; FRUMIN, Yu.L., inzhener; KHRAMOY, M.I., inzhener, TSEYTLIN, L.B., inzhener; SHUKHOV, Yu.V., kandidat tekhnicheskikh nauk; BABKIN, S.I., kandidat tekhnicheskikh nauk; VOLKOV, S.I., kandidat tekhnicheskikh nauk; GORODETSKIY, I.Ye., doktor tekhnicheskikh nauk, professor, GOROSHKIN, A.K., inzhener; DOSCHATOV, V.V., kandidat tekhnicheskikh nauk; ZAMALIN, V.S., inzhener; ISAYEV, A.I., doktor tekhnicheskikh nauk; professor; KEDROV, S.M., kandidat tekhnicheskikh nauk; MALOV, A.N., kandidat tekhnicheskikh nauk; MARDANYAN, M.Ye., inzhener, PANCHENKO, K.P., kandidat tekhnicheskikh nauk; SEKRETEV, D.M., inzhener; STAYEV, K.P., kandidat tekhnicheskikh nauk; SYROVATCHENKO, P.V., inzhener; TAURIT, G.E., inzhener; EL'YASHEVA, M.A., kandidat tekhnicheskikh nauk.

(Continued on next card)

. ANTIPOV, K.F. ---(continued) Card 2.

GRANOVSKIY, G.I., redaktor; DE[illegible], F., redaktor; GRANENKO, D.V., red[illegible] [deceased]; SOKOLOVA, T.F., te[illegible]

[Machine builder's manual] Spra[illegible] v dvukh tomakh, red.sovet V.M.[illegible] i dr. Moskva, Gos.nauchno-te[illegible] Vol. 1. (Pod red. A.G.Kosilov[illegible] Valova) 1951. 584 p.
(Machinery industry)

ANTIPOV, K.F., inzh.; BALAKSHIN, B.S., prof., doktor tekhn.nauk; BARYLOV, G.I., inzh.; BEYZEL'MAN, R.D., inzh.; BERDICHEVSKIY, Ya.G., inzh.; BOBKOV, A.A., inzh.; KALININ, M.A., kand.tekhn.nauk; KOVAN, V.M., prof., doktor tekhn.nauk; KORSAKOV, V.S., doktor tekhn.nauk; KOSILOVA, A.G., kand.tekhn.nauk; KUDRYAVTSEV, N.T., prof., doktor khim.nauk; KURYSHEVA, Ye.S., inzh.; LAKHTIN, Yu.M., prof., doktor tekhn.nauk; NAYERMAN, M.S., inzh.; NOVIKOV, M.P., kand.tekhn.nauk; PARIYSKIY, M.S., inzh.; PEREPONOV, M.N., inzh.; POPILOV, L.Ya., inzh.; POPOV, V.A., kand.tekhn.nauk; SAVERIN, M.M., prof., doktor tekhn.nauk; SASOV, V.V., kand.tekhn.nauk; SATEL', E.A., prof., doktor tekhn.nauk; SOKOLOVSKIY, A.P., prof., doktor tekhn.nauk [deceased]; STANKEVICH, V.G., inzh.; FRUMIN, Yu.L., inzh.; KHRAMOY, M.I., inzh.; TSEYTLIN, L.B., inzh.; SHUKHOV, Yu.V., kand.tekhn.nauk; MARKUS, M.Ye., inzh., red. [deceased]; GRANOVSKIY, G.I., red.; DEM'YANYUK, F.S., red.; ZUBOK, V.N., red.; MALOV, A.N., red.; NOVIKOV, M.P., red.; CHARNKO, D.V., red.; KARGANOV, V.G., inzh., red. graficheskikh rabot; SOKOLOVA, T.F., tekhn.red.

[Manual of a machinery designer and constructor; in two volumes] Spravochnik tekhnologa-mashinostroitelia; v dvukh tomakh. Glav. red. V.M.Kovan. Chleny red.soveta B.S.Balakshin i dr. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry. Vol.1. Pod red. A.G.Kosilovoi. 1958. 660 p. (MIRA 13:1)
(Mechanical engineering--Handbooks, manuals, etc.)

ZUBOK, V.N.

Specialization in the machinery industry. Vest.mash. 41 no.11:69-73 N '61. (MIRA 14:11)
(Machinery industry)

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ACCESSION NR: AP4032579 S/0190/64/006/004/0758/0765

AUTHORS: Khardi, D.; Varga, Y.; Nitrai, K.; Tsaylik, I.; Zubonyai, L.

TITLE: Synthesis, polymerization, and copolymerization of vinyl thioacetate

SOURCE: Vysokomolek. soyedin., v. 6, no. 4, 1964, 758-765

TOPIC TAGS: vinyl thioacetate, vinyl thioacetate synthesis, vinyl thioacetate polymerization, vinyl thioacetate copolymerization, vinylsuccinimide copolymer, vinylphthalimide copolymer, vinylcarbazone copolymer, acetoxyethyl thioacetate pyrolysis, chain transfer constant, monomer reactivity ratio

ABSTRACT: The vinyl thioacetate monomer was obtained by pyrolysis of 2-acetoxyethyl thioacetate in a current of CO_2 at a temperature of 490C. Its polymerization was conducted in the presence of dinitrile of isobutyric acid in an atmosphere of nitrogen. The kinetic measurements were carried out by the dilatometric technique, and the molecular weights were determined by cryoscopy. The copolymerization with N-vinylsuccinimide, N-vinylphthalimide, and N-vinylcarbazone was conducted in sealed ampules at 60C. It was found that the polymerization rate of vinyl thioac-

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ACCESSION NR: AP4032579

etate was proportional to the 0.75 power of the initiator concentration and that the brutto activation energy was 25.45 kcal/mole. Since the median polymerization coefficient was not significantly affected by the concentration of the initiator, it was concluded that the chain transfer constant had to be high. An enhancing effect on the reactivity of the corresponding monomer was produced by replacing oxygen with sulfur. All of the copolymers were soluble in benzene and contained nitrogen. By reacting hydrazine hydrate with the vinyl thioacetate-vinyl succinimide and vinyl thioacetate-vinylphthalimide copolymers, the authors obtained polymers containing free SH and NH_2 groups which were rapidly oxidized by air. Orig. art. has: 7 charts, 2 tables, and 3 formulas.

ASSOCIATION: Nauchno-issledovatel'skiy institut plastomassovoy promy* shlennosti, Budapest (Scientific Research Institute of Plastic Materials); Budapeshtskiy politekhnicheskiy institut (Budapest Polytechnical Institute)

SUBMITTED: 21Oct63 DATE ACQ: 11May64 ENCL: 00
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HARDY, Gyula; VARGA, Jozsef; NYITRAI, Karoly; CZAJLIK, Istvan; ZUBONYAI, Laszlo

Synthesis, polymerization and copolymerization of vinyl-thioacetate. Magy kem folyoir 70 no. 4:174-179 Ap '64.

1. Research Institute of the Plastics Industry, Budapest and Department of the Plastics and Rubber Industries, Budapest University of Technical Sciences.

ZUBOR, Istvan

Conditions for receiving operating premiums in railroad transportation.
Magy vasut 8 no.7:5 3 Ap '64.

ZUBOR, Istvan

National conference of railroad innovators and inventors.
Kozl tud sz 12 no.1:34-35 Ja '62.

1. Vsutas Szakszervezet Kozgazdasagi Osztalymnak vezetoje

ZUBOR, Istvan

More workers should participate in the management. Vasut 14 no.12:10-11 D '64.

1. Head, Economics Division of the Trade Union of Railroad Workers, Budapest.

ADAM, Gyorgy; MESZAROS, Istvan; ZUBOR, Ludmilla

Function of the cerebral hemispheres in connection with symmetrical afferent stimuli in the renal pelvis. Kiserletes orvostud 9 no.5-6: 624-628 Oct-Dec 58.

1. Budapesti Orvostudomanyi Egyetem Elettani Intezete.

(REFLEX, CONDITIONED
interoceptive kidney pelvis reflexes in demonstration of symmetrical analysis & differentiation of symmetrical afferent impulses from kidney pelvis by cerebral hemispheres in dogs (Hun))

(KIDNEY PELVIS, innerv.
symmetrical analysis & differentiation of symmetrical afferent impulses from kidney pelvis by cerebral hemispheres in dogs, demonstration by interoceptive reflexes (Hun))

(BRAIN, physiol.
same)

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ZUBOR, L.

ADAM, G.; MESZAROS, I.; ZUBOR, L.

On the joint function of the cerebral hemispheres in connection with renal pelvic and ureteral symmetric afferent impulses. Acta physiol. hung. 12 no.4:335-339 1957.

1. Institute of Physiology, Medical University, Budapest.

(BRAIN, physiol.
joint funct. of cerebral hemispheres in connection with symmetric afferent impulses from kidney pelvis & ureters of dogs)
(KIDNEY PELVIS, innerv.
same)
(URETERS, innerv.
same)

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ZUCOR, I.

Amateur magnetophone head with an iron-core coil; from material at the Amateur Exhibit. p. 159. RADIOTECHNIKA. Budapest. Vol. 5, No. 7/8, July/Aug. 1955

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL. 5, No. 6 June 1956

T

USSR/Human and Animal Physiology. Nervous System.
Higher Nervous System. Behavior.

Abs Jour: Ref Zhur-Biol., No 20, 1958, 93647.

Author : Adam, G., Zubor, I.N., Mesarosh, I.
Inst : AS USSR
Title : Teamwork Between the Cerebral Cortex in Connection with the Symmetrical Interoceptive Conditioned Reflexes in the Presence of Kidney Irritation.

Orig Pub: V sb.: Probl. fiziol. tsentr. nervn. sistemy. M.-L., AN SSSR, 1957, 13-16.

Abstract: In dogs with a fistula in the salivary glands and with an exposed ureter, interoceptive conditioned reflexes (ICR) were developed under reinforced feeding. The stimulation of the mechano-receptors of one kidney pelvis served as conditioning agent by means of an injection

Card : 1/2

USSR/Virology - Rickettsias.

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67005

Author : Balalaeva, N.M., Zubor, L.P.
Inst :
Title : The Study of the Biological Properties of Rickettsia Mooseri After Prolonged Cultivation in the Organism of Body Lice. Communication II. The Oxidation Property of Rickettsia Mooseri in the Presence of Glutamic Acid.

Orig Pub : Zh. mikrobiol., epidemiol, i immunobiologii, 1957, No 8, 14-16.

Abstract : Fermentative activity (FA) of R. mooseri (oxygen uptake) cultivated in the organism of body lice was studied and was compared with that of R. prowazekii under the same conditions of cultivation. The study was made according to Warburg's manometric method (the technique is described). It was shown that R. mooseri and R. prowazekii were consuming oxygen when glutamic acid served as the

SUBJ: [illegible]

"[illegible] cavity of [illegible]."

Vestnik vereroloqii i dermatoloqii (Bulletin of Venerology Dermatology), Vol 1, January-February 1957 (Bimonthly), Moscow.

MATVIYENKO, I., inzh.; ZUBOV, A., insh.

Suggestions for efficiency improvements at grain-procurement stations of Kazakhstan. Muk.-elev. prom. 25 no.11:15-18 N '59. (MIRA 13:3)

1. Ministerstvo khleboproduktov Kazakhskoy SSR.
(Kazakhstan--Grain elevators)

ZUBOV, A.

For the good of the workers. Prom.koop. 13 no.6:16-17 Je '59.
(MIRA 12:9)

1. Zamestitel' predsedatelya ispolkoma Kuybyshevskogo oblastnogo Soveta deputatov trudyashchikhsya.
(Kuybyshev Province--Service industries)

SHERSHEN', L., kand. tekhn. nauk; TITOV, A.; ZUBOV, A.; SOLOMONOV, S.

Opinions of the leaders of the economic councils and special industrial designers bureaus. Tekh. est. 2 no.7:4-6 Jl '65. (MIRA 18:8)

1. Predsedatel' Tekhniko-ekonomicheskogo soveta Leningradskogo soveta narodnogo khozyaystva (for Shershen'). 2. Nachal'nik Spetsial'nogo khudozhestvenno-konstruktorskogo byuro Leningradskogo soveta narodnogo khozyaystva (for Titov). 3. Zamestitel' predsedatelya Leningradskogo soveta narodnogo khozyaystva (for Zubov). 4. Glavnyy inzh. Spetsial'nogo khudozhestvenno-konstruktorskogo byuro Leningradskogo soveta narodnogo khozyaystva (for Solomonov).

ZUBOV, A.A., nauchnyy sotrudnik

Use of a mentor plant in melon breeding. Trudy TSGL 7:190-196 '61. (MIRA 15:10)

(Melon breeding)

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ZUBOV, A. A.

"Poryadok reduktsii bugorkov i preobrazovaniye uzora koronki postoyannykh nizhnikh molyarov cheloveka pri perekhodye ot pyatibugorkovogo tipa k trekhbugorkovomu."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences, Moscow, 3-10 Aug 64.

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ZUBOV, Aleksandr Aleksandrovich; ROMASHOVA, V.D., red.; BELICHENKO, R.K., mlad. red.

[Man settles his planet] Chelovek zaseliaet svoiu planetu. Moskva, Gos.izd-vo geogr. lit-ry, 1963. 173 p.
(MIRA 17:5)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065530003-7"

ZUBOV, Aleksandr Aleksandrovich; KOSTINSKIY, D.N., red.; PORUVA, V.I., mladshiy red.; GLEYKH, D.A., tekhn.red.

[The people of Tierra del Fuego] Liudi Ognennoi Zemli. Moskva, Gos.izd-vo geogr.lit-ry, 1961. 38 p. (MIRA 14:7)
(Tierra del Fuego—Description and travel)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065530003-7"

BOCHVAR, A.A., akademik, obshchiy red.; VINOGRADOV, A.P., akademik, obshchiy red.; YEMEL'YANOV, V.S.; ZEFIROV, A.P., doktor tekhn. nauk, obshchiy red.; ZUBOV, A.I., red.; ZVEREV, G.L., red.; PEREVERZEV, V.V., red.; PCHELINTSEVA, G.M., red.; MAZEL', Ye.I., tekhn.red.

[Proceedings of the Second International Conference on the Peaceful Uses of Atomic Energy, Geneva, 1958] Trudy Vtoroi mezhdunarodnoy konferentsii po mirnomu ispol'zovaniyu atomnoy energii, Zheneva, 1958. (Doklady sovetskikh uchenykh) Moskva, Izd-vo Glav.uprav.po ispol'zovaniiu atomnoi energ. pri Sovete Ministrov SSSR. Vol.3. [Nuclear fuel and reactor metals] IAdernoe goriuchee i reaktornye metally. 1959. 670 p. (MIRA 12:11)

1. International Conference on the Peaceful Uses of Atomic Energy, 2d, Geneva, 1958. 2. Chlen-korrespondent AN SSSR (for Yemel'yanov). (Nuclear fuels)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065530003-7"

ZUBOV, A.A., kand. sel'skokhoz. nauk

Change in the chemical composition, taste and consistency of melon flesh under the effect of mentor pumpkins. Agrobiologiia no.2:225-230 Mr-Ap '65. (MIRA 18:11)

1. TSentral'naya geneticheskaya laboratoriya imeni I.V. Michurina, g. Michurinsk.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065530003-7"

ZUBOV, A.A.

Fasciation of the pumpkin following the decapitation of stems. Bot.zhur. 50 no.2:237-240 F '65.
(MIRA 18:12)

1. TSentral'naya geneticheskaya laboratoriya imeni I.V. Michurina, g. Michurinsk. Submitted March 26, 1963.

ZUBOV, A.I.

Solid bitumens containing uranium. Geol. rud. mestorozh. no.5:6-24 S-O '60. (MIRA 13:10)

(Bitumen) (Uranium)

DARKOVSKIY, A K.; ZUBOV, A.I.; YAKIMOV, S.Ya., red.; KOGAN, V.V., tekhn. red.

[Fire prevention techniques in enterprises of the chemical industry] Protivopozharnaia tekhnika na predpriiatiiakh khimicheskoi promyshlennosti. Moskva, Gos.nauchno-tekhn.izd-vo khim.lit-ry, 1961. 243 p. (MIRA 14:12)

(Chemical industries--Safety measures)

FUBOV, A.N.

Chemical reception in crustaceans. Report No.2: Selective reactions of Gammarus oceanicus Segerstale and G. lacustris Sars. to water of different salinity. Trudy MMBI no.4:274-279 '62. (MIRA 15:11)

1. Laboratoriya sravnitel'noy fiziologii (zav. - E.Sh. Ayrapet'yants) Murmanskogo morskogo biologicheskogo instituta.
(Gammaridae) (Salinity)

ZUBOV, A.N.

Analysis of a saline stimulant by a lower crustacean (Daphnia pulex). Vop. srav. fiziol. anml. no. 1:123-136 '60. (MIRA 14:4)

1. The Higher Nervous Activity Physiological Laboratory, University of Leningrad.

(CRUSTACEA) (SALT—PHYSIOLOGICAL EFFECT)

ZULOV, A.N.

Chemoreception in crustaceans. Report No.1: Variations in the chemoreception of amphipods (Gammarus locusta and G. lacustris). Trudy IEBI no.2:245-252 '60. (MIRA 14:2)
(Amphipoda) (Salinity) (Adaptation (Biology))

ZUBOV, A.N.

Chemical reception in Crustacea. Report No.3: Effect of the adaptation to salinity on the analysis of chemical stimuli in Gammarus oceanicus (Segerstrole). Trudy MMBI no.5:126-193 '64. (MIRA 17:4)

1. Laboratoriya sravnitel'noy fiziologii (zav. - E.Sh.Ayrapet'yants) Murmanskogo morskogo biologicheskogo instituta.

ZUBOV, A.N.

Ways of adaptation to changes in the chemical conditions of the environment in crustaceans. Trudy MMBI no.3:61-82 '61. (MIRA 15:3)

1. Laboratoriya sravnitel'noy fiziologii (zav. E.Sh.Ayrapet'yants) Murmanskogo morskogo biologicheskogo instituta.
(Crustacea)(Adaptation(Biology))(Salinity)

ZUBOV, A.V., inzh.; KAZACHKIN, V.I., inzh.; MOROZOV, G.K., inzh.; NOVOKHATSKIY, I.N., inzh.

Our suggestions for improvement of the VL23 electric locomotive circuit. Elek.i tepl.tiaga 4 no.2:45 F '60. (MIRA 13:6)

1. Depo Orel.
(Electric locomotives--Electric equipment)

DYKHNE, S.V.; ZUBOV, A.Yu.

Assembly for the preliminary treatment of sugar-beet cossettes and crushed sugar cane intended for sugar extraction prior to the continuous diffusion (from "Zucker," no.7, 1960). Sakh.prom. 34 no.11:76-77 N '60. (MIRA 13:11)

(Sugar machinery)

ZUBOV, A.Yu.; DYKHNE, S.V.

Continuous-action sieve centrifugal (from "Zeitschrift für die Zucker-industries," no.6, 1960). Sakh.prom.35 no.3:76 Mr '61. (MIRA 14:3)

(Centrifuges)

ZUBOV, A.Yu.; DYKHNE, S.V.

Apparatus for the extraction of sugar from cossettes or from refined sugar cane (from "Zeitschrift fur die Zuckerindustrie," no.6, 1960). Sakh.prom. 35 no.4:73 Ap '61. (MIRA 14:3)
(Sugar machinery)

DYKHNE, S.V.; ZUBOV, A.Yu.

Device for extraction from substances of plant or animal origin, particularly from sugar-beet chips, crushed sugar cane, and woodpulp from ("Zucker," no.3, 1960). Sakh.prom. 34 no.9:77 S '60. (MIRA 13:9)

(Extraction apparatus)

DYKHNE, S.V.; ZUBOV, A.Yu.

Device for the extraction, decolorization, and washing of sugar-containing raw material (West German patent No.B 44095). Sakh.prom. 34 no.8:76 Ag '60. (MIRA 13:8)
(Sugar industry--Equipment and supplies)

DYKHNE, S.V.; ZUBOV, A.Yu.

Photometric control method and automatization of refinery massecuite evaporator operations. Sakh.prom. 33 no.10: 39-40 O '59. (MIRA 13:3)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennost.
(Sugar manufacture) (Automatic control)

KRAUS, E.G.; SOBOLEV, V.G.; ZUBOV, B.S.

Life of flexible shielded cables for cutter-loader drives.
Nauch. trudy KNIUI no.15:51-55 '64. (MIRA [illegible])

ZUBOV, B.S.; KRAUS, E.G.; DONIS, V.K.

Remote control communication line in a mine section cable system. Nauch. trudy KNIUI no.15:381-393 '64. (MIRA 18:8)

ZUIOV, V.S.

Propagation of electromagnetic waves in a multiwire cable line with "grounding strand armored" system. Vestn. svyazi KNIUI no.25:393-398 '64. (MIRA 18:8)

KRAUS, E.G.; ZUBOV, B.S.; SOBOLEV, V.G.

New flexible shielded cables and their use in Karaganda mines. Nauch. trudy KNIUI no. 11:110-124 '62. (MIRA 17:7)

ZUBOV, B.S. inzh.

Using the circuit of a grounded wire of a screened flexible mine cable as a telemechanical line of communication. Izv. vys. uchab. zav.; gor. zhur. 6 no.7:132-139 '63. (MIRA 16:9)

1. Moskovskiy institut radioelektroniki i gornoy elektromekhaniki. Rekomendovana kafedroy avtomatizirovannogo elektroprivoda i elektrifikatsii gornykh predpriyatiy Moskovskogo instituta radioelektroniki i gornoy elektromekhaniki.
(Electricity in mining)

L 35876-66 EWT(l)/EWP(e)/EWT(m)/T/EWP(t) IJP(c) RM/WH/WG

ACC NR: AP6023636 SOURCE CODE: UR/0386/66/004/001/0022/0026

AUTHOR: Akhmanov, S. A.; Venkin, G. V.; Zubov, B. V.; Khokhlov, R. V.

ORG: Physics Department of the Moscow State University im. M. V. Lomonosov (Fizicheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta)

TITLE: Generation of coherent radiation in the infrared band by nonlinear-optics methods

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu. Prilozheniye, v. 4, no. 1, 1966, 22-26

TOPIC TAGS: coherent light, ir radiation, ir source, laser application, electromagnetic mixing, semiconductor crystal, nonlinear effect

ABSTRACT: The authors report experimental results offering evidence that sufficiently intense sources of coherent infrared radiation, at least in the 2 - 5 μ range, can be produced by using the effect of optical mixing in nonlinear media. Radiation from a Q-switched ruby laser (6943 Å) was mixed with radiation of the first Stokes component of stimulated Raman scattering in cyclohexane (8657 Å) and n-heptane (8677 Å) in an $LiNbO_3$ crystal (Fig. 1). This produced at the output of the crystal radiation pulses with wavelengths 4.5 and 3.47 μ respectively, with power not less than 1 - 10 W. The use of the $LiNbO_3$ crystal as the mixer eliminated some of the difficulties hitherto encountered in this field. The conditions for synchronized mixing in a nonlinear crystal are derived and the angles between the beam direction and the crystal axis,

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ACC NR: AP6023636

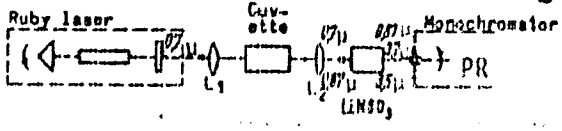


Fig. 1. Block diagram of experimental setup. L_1, L_2 - lenses (7 and 10 cm focal length), PR - photoresistor

required for the synchronization, are calculated. It is estimated that the potential output of such a setup is not less than 500 W once the adverse effect of the multi-domain structure of the $LiNbO_3$ crystal used in the experiment is eliminated. Better results can be expected by using for the mixed oscillations spectral lines obtained from a tunable parametric light generator, which would permit operation in the 100 - 150 cm^{-1} range. The authors thank A. S. Bebchuk and Yu. I. Bolov'yova for supplying the crystals, V. I. Pchelkin for help with the experiment, and A. G. Yershov and V. V. Fadeyev for a discussion. Orig. art. has: 3 figures and 4 formulas. [02]

SUB CODE: 20/ SUBM DATE: 03May66/ ORIG REF: 001/ OTH REF: 004/
ATD PRESS: 5037

Card 2/2

2 4 5 (

USSR/Genral Problems. A-

Abs Jour : Ref Zhur - Khimiya, No 10, 1957, 33379

Author : Zubov, F.I.
Inst :
Title : Unpublished Outline of Chemical History by F.I. Gize.

Orig Pub : Tr. in-ta istoriyi yestestvozn. i tekhn. AN USSR, 1956, 12, 360-364.

Abstract : A translation (from latin) of a part of an introductory lecture of an unpublished course of organic chemistry by F.I. Gize (1781-1821) is given. The manuscript is in the library of the Tartu University.

Card 1/1

SHMELEV, I.A.; ZUBOV, F.P.

Oil- and gas-gas potentials of Mesozoic sediments in the northwestern slope of the Fergana Valley (Naryn monocline). Trudy VNIGNI no.35:102-104 '61. (MIRA 16:7)

(Fergana--Petroleum geology)
(Fergana--Gas, Natural--Geology)

SHMELEV, I.A.; ZUBOV, F.P.

Outlook for oil and gas in the Mesozoic sediments of the northeastern margin of the Fergana Valley. Geol.nefti i gaza 5 no.9:25-28 S '61. (MIRA 14:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologorazvedochnyy neftyanoy institut i Neftepromyslovoye upravleniye Kirgizneft'.
(Fergana--Petroleum geology)
(Fergana--Gas, Natural--Geology)

YAREMA, V.D., inzh.; MARTYNCHUK, S.A., inzh.; ZUBOV, B.A., inzh.; SMIRNOV, L.N., inzh.

Completing 131.2 meters of shaft in one month. Shakht. stroi. 8 no.8: 18-20 Ag '64. (MIRA 17:9)

1. Kombinat Karagandashakhtostroy (for Yarema). 2. Stroitel'noye upravleniye Karagandashakhtoprokhodka (for Smirnov).

ZELIKOVSKIY, Z.I., kand.tekhn.nauk; ZUBOV, G.G., inzh.

Measurement under mass production conditions of the power and flux of incandescent lamps. Svetotekhnika 7 no.12:18-22 D '61. (MIRA 14:12)

1. Nauchno-issledovatel'skiy institut elektropromyshlennosti, g. Kishinev, i L'vovskiy elektrolampovyy zavod.
(Electric lamps, Incandescent)

ZUBOV, D.S.

Median and lateral cysts and fistulae of the neck. Klin. khir. no.2:73-74 '65. (MIRA 18:10)

1. Kafedra fakul'tetskoy khirurgii Donetskogo meditsinskogo instituta imeni Gor'kogo.

ZELIKOVSKIY, Z.I., kand. tekhn. nauk; ZUBOV, G.G., inzh.; SERNIY, Ye.A., inzh.; KONZELO, A.S., inzh.

AIL-1M device for checking the parameters of incandescent lamps. Energ. i elektrotekh. prom. no.4:39-40 O-D '65.

(MIRA 19:1)

L 2387[illegible]

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065530003-7"

ACC NR: AP6009853 SOURCE CODE: UR/0413/66/000/004/0048/0048

AUTHOR: Traube, L. V.; Zubov, G. G.; Lebedev, [illegible] N.; Khir, [illegible]

[illegible]

[illegible] ... Tovarnyye znak... [illegible]

TOPIC TAGS: electron gun, vacuum tube

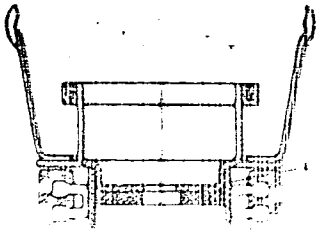
ABSTRACT: This Author's Certificate introduces: 1. An electron gun with a bipotential focusing lens. The gun consists of a cathode assembly and modulator with an ele[illegible] ... focusing and anode electrodes ... form of cylinders with the same diame[illegible] ... [illegible]

UDC: 621.3.032.269.1

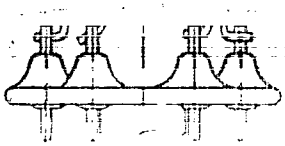
Card 1/2

L 23874-66

ACC NR: AP6004853



1--modulator, 2--accelerating electrode



SUBM DATE: 20Dec65 ORIG REF: 000 OTH REF: 000

Card 2/2

ZUBOV, I.

Evaluation of promising oil and gas reserves in major regions of the U.S.S.R. Geol.nefti 2 no.12:69 D '58. (MIRA 12:2)
(Petroleum geology) (Gas, Natural--Geology)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065530003-7"

DERYABIN, S.A., inzhener; ZUBOV, I.I., inzhener; DMITRIYEVSKAYA, M.V., inzhener.

Continuous hydrogenation of vegetable oils in column apparatus under pressure. Masl.-zhir.prom. 23 no.6:22-25 '57. (MLRA 10:7)

1. Giprozhir (for Deryabin). 2. Zavod "Steol" (for Zubov and Dmitriyevskaya).
(Hydrogenation) (Oils and fats)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065530003-7"

POLUSHKIN, Konstantin Petrovich; ZUBOV, I.N., red.; ZABRODINA, A.A., tekhn. red.

[Efficient installation of turbine-generator units] Ratsional'nyi montazh krupnykh gidroagregatov. Moskva, Gos. energ.ind-vo, 1957. 81 p. (MIRA 11:4)

(Hydraulic turbines)

CA

ZUBOV, I.[P.]

27

Refining of "dark" oils for hydrogenation. I. Zubov. *Maslobolno Zhirovoe Delo* 12, 248-9(1936). - The difficulties of hydrogenation of "dark" oils were entirely eliminated in the lab. and factory production by the methods of refining. Linseed oil was neutralized with 10-12°Bé. NaOH. After washing with hot water, drying, stirring in the presence of 1% askonite with an air current for 20-30 min. and filtering, the oil was hydrogenated as usual, giving fat mixts., m. 45-8°. Control hydrogenation without refining with askonite gave non-solidifying fat mixts. Because askonite is commercially unavailable, other methods of refining were developed. A mixt. of 7.5 l. of dark linseed oil at 70° was stirred with 100 l. of 5% H_2SO_4 for about 1 hr. After settling and withdrawing of the sediment, the oil was treated 1st with 12°Bé. and then with 8°Bé. NaOH, washed, dried, reworked with 0.5% kieselguhr and filtered. The oil was hydrogenated, giving fat mixts. m. 39.4-40.5°. Rapeseed oil treated as above with askonite gave neg. results. Rapeseed oil, acidity 2.3%, I no. 107.3, refined with H_2SO_4 as above gave fat mixts., m. 38.3-46.4°. Since the treatment of rapeseed oil with NaOH gave a fine, difficultly settling soapstock, the hydration was modified with equally good results by using water in place of dil. H_2SO_4. The oil at 35-50° was stirred with 3% water for 40-50 min. and then treated as above.

Chas. Blanc

ZUBOV, I.P.

Oil and gas prospecting in Central Asia. Geol.nefti i gaza 3 no.1:13-17 Ja '59. (MIRA 12:4)
(Soviet Central Asia--Petroleum geology)
(Soviet Central Asia--Gas, Natural--Geology)

ZUBOV, I. P.

F

4870. ANDIZHAN OIL FIELD. Zubov, I.P. and Khatorov, Yu. V. (Neftyanoe Khozyaistvo (Oil Econ.), 1948, (12), 15-21). Oil was first obtained from this field in commercial quantities in 1937. The authors review available geological data and conclude that after further exploration it will become one of the leading fields in the East of the U.S.S.R. (L).

AVROV, V.Ya.; BLINNIKOV, I.A.; BROD, I.O.[deceased]; BUYALOV, N.I.; VASIL'YEV, V.G.; DMITRIYEV, Ye.Ya.; YELIN, N.D.; YEROFEYEV, N.S.; ZUBOV, I.P.; KALININ, N.A.; KUDRYASHOVA, N.M.; MAKSIMOV, S.P.; L'VOV, M.S.; MIRCHINK, M.F.; OVCHINNIKOVA, T.G.; SIMAKOV, S.N.; TROFIMUK, A.A.; TKHOSTOV, B.A.; FEDOTOVA, M.I., ved. red.

[Predicting gas potential of the U.S.S.R.] Prognoz gazonosnosti SSSR. Leningrad, Gostoptekhizdat, 1963. 175 p.
(MIRA 17:4)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065530003-7"

GAPRINDASHVILI, G. A.; EMINSKIY, V. V.; DIKENSHTEYN, G. Kh.; ZHUKOVSKIY, L. G.; ZUBOV, I. P.; IMASHEV, N. U.; MASHRYKOV, K. K.; SEMENKOVICH, V. V.

"Oil- and gas deposits in mesozoic rocks of the Epi-Hercynian Platform in Middle Asia."

report submitted for 22nd Sess, Intl Geological Cong, New Delhi, 14-22 Dec 1964.

AVROV, V.Ya.; BLINNIKOV, I.A.; BUYALOV, N.I.; VASIL'YEV, V.G.; ZUBOV, I.P.; DIKENSHTEYN, G.Kh.; KALININ, N.A.; MAKSIMOV, S.P.; SIMAKOV, S.N.

Reconnaissance map of oil and gas reserves of the U.S.S.R. Geol. nefti i gaza 7 no.6:1-8 Je '63. (MIRA 16:9)

1. Gosudarstvennyy geologicheskiy komitet SSSR; Vsesoyuznyy nauchno-issledovatel'skiy geologorazvedochnyy neftyanoy institut, Moskva; Vsesoyuznyy nauchno-issledovatel'skiy institut prirodnykh gazov i Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologorazvedochnyy institut.

VASIL'YEV, V.G.; ZUBOV, I.P.; TKHOSTOV, B.A.

Principal results of prospecting for oil and gas in the U.S.S.R. in 1962. Geol. nefti i gaza 7 no.3:1-9 Mr '63. (MIRA 16:4)

(Prospecting)

POLUSHKIN, Konstantin Petrovich; MURZIN, A.P., retsenzent; ZUBOV, I.N., red.; SOBOLEVA, Ye.M., tekhn. red.

[Installation of hydraulic turbine-generator units] Montazh gidroagregatov. Moskva, Gosenergoizdat, 1963. 534 p. (MIRA 17:2)

POLUSHKIN, Nikolay Petrovich; BARKOV, N.K., retsenzent; ZUBOV, I.N., red.; SOBOLEVA, Ye.M., tekhn.red.

[Assembly, adjustment, and testing of automatic speed regulators for the hydraulic turbines] Montazh, naladka i ispytanie avtomaticheskikh reguliatorov skorosti gidroturbin. Moskva, Gos.energ.izd-vo, 1959. 201 p. (MIRA 13:2)
(Hydraulic turbines)

RABOTNOV, Boris Aleksandrovich, inzh.; RODZIKHOVSKIY, Boris Mikhaylovich, inzh.; ZUBOV, I.N., red.; SOBOLEVA, Ye.M., tekhn.red.

[Assembling and testing of high-pressure pipe lines at hydroelectric power stations] Montazh i ispytanie vysokonapornykh truboprovodov gidroelektrostantsii. Moskva, Gos.energ.izd-vo, 1959. 99 p. (MIRA 12:12)
(Hydroelectric power stations)

ZUBOV, I.P.; YENIKEYEV, P.N.; GRATSIANOVA, O.P.

Present status of and trends in oil and gas prospecting. Geol. nefti i gaza 3 no.8:1-7 Ag '59. (MIRA 12:11)

1. Ministerstvo geologii i okhrany nedr SSSR.
(Petroleum geology) (Gas, Natural--Geology)

"APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065530003-7"

SVERSHKOV, Mikhail Fedorovich; ZUBOV, L.P., kand. geol.-miner. nauk, red.; YUNGANS, S.M., ved.red.; VOROB'YEVA, L.V., tekhn. red.

[Geology, and oil and gas potentials of Orenburg Province] Geologicheskoe stroenie i neftegazonosnost' Orenburgskoi oblasti. Moskva, Gostoptekhizdat, 1961. 227 p. (MIRA 15:6)
(Orenburg Province--Petroleum geology)
(Orenburg Province--Gas, Natural--Geology)

GAR'KOVETS, V.G.; DIKENSHTEYN, G.Kh.; YENIKEYEV, P.N.; ZHUKOVSKIY, L.G.; ZUBOV, I.P.; IL'IN, V.D.; KAYESH, Yu.V.; TAL'-VIRSKIY, B.B.

Trends in geologic prospecting for oil and gas in the Uzbek S.S.R. Trudy VNIGNI no.35:7-26 '61. (MIRA 16:7)

(Uzbekistan--Petroleum geology)
(Uzbekistan--Gas, Natural--Geology)

GAR'KOVETS, V.G.; DIKENSHTEYN, G.Kh.; YENIKEYEV, P.N.; ZHUKOVSKIY, L.G.; ZUBOV, I.P.; IL'IN, V.D.; KAYESH, Yu.V.; TAL'-VIRSKIY, B.B.

Problem of prospecting for oil in western Uzbekistan. Geol. nefti i gaza 5 no.7:7-12 Jl '61. (MIRA 14:9)

1. Ministerstvo geologii i okrany nedr SSSR, Glavnoye geologo-razvedochnoye upravleniye Uzbekskoy SSR i Vsesoyuznyy nauchno-issledovatel'skiy geologorazvedochnyy neftyanoy institut.

(Uzbekistan--Petroleum geology)
(Uzbekistan--Gas, Natural--Geology)

ZUBOV, Ivan Petrovich, inzh.; SHTEYNBOK, G.Yu., inzh., ved. red.; TOLCHINSKIY, Ye.M., inzh., red.; SOROKIN, T.M., tekhn.red.

[Stability of the thermoelectromotive force in chromel-alumel thermocouples in a 300 - 1000° temperature range]Stabil'nost' T.E.D.S.khromel'-aliumelevykh termopar v intervale 300 - 1000. Moskva, Filial Vses. in-ta nauchn. tekhn. informatsii, 1957. 32 p. (Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt. Tema 34. No.P-57-20/5)
(Thermocouples) (Chromel) (Alumel) (MIRA 16:3)

Vladimir Aleksandrovich; YEREMENKO, Nikolay Andreyevich; ZAYTSEV, Nikolay Sergeyevich; ZUBOV, Ivan Petrovich; KOSYGIN, Yuriy Aleksandrovich; PUSTIL'NIKOV, Mark Romanovich; ROSTOVTSEV, Nikolay Nikitich; SLAVIN, Vladimir Il'ich; KHAIN, Viktor Yefimovich; KHALTURIN, Dmitriy Sergeyevich; CHERVINSKAYA, Marina Vladimirovna; SHCHERIK, Yevgeniya Aleksandrovna; EZDRIN, Mikhail Borisovich; KOSYGIN, Yu.A., red.; SHOROKHOVA, L.I., ved.red.; MUKHINA, E.A., tekhn.red.

[Tectonics of petroleum provinces] Tektonika neftenosnykh oblastei. Moskva, Gos.nauchno-tekhn. izd-vo neft.i gorno-toplivnoi literatury. Vol.2 [Regional tectonics of petroleum provinces of the U.S.S.R.] Regional'naia tektonika neftenosnykh oblastei SSSR. 1958. 613 p.
(MIRA 11:12)

1. Chlen-korrespondent AN SSSR (for Kosygin)
(Petroleum geology)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065530003-7"