

L 32837-65 EWP(e)/EWT(1)/EWT(m)/EWP(b)/EWA(h) Pg-4/Feb WH

ACCESSION NR: AP5005581

S/0106/65/000/002/0042/0051

AUTHOR: Al'tshuller, G. B.; Shakulin, V. G.

TITLE: Using one quartz resonator for stabilization of several adjacent frequencies

SOURCE: Elektrosvyaz', no. 2, 1965, 42-51

TOPIC TAGS: quartz resonator, crystal frequency control, crystal controlled oscillator

ABSTRACT: Formulas are presented which permit determining the frequency deviation in a quartz oscillator for various values and both series and parallel connections of the control resistor. It is shown that the parameter $m = C/C_0$, where C and C_0 are effective and static capacitances of the quartz resonator, respectively, largely determines the frequency control. The parameter m increases with an increase in the electrode diameter and with a decrease in the

18
B

Card 1/2

L 32837-65

ACCESSION NR: AP5005581

convexity of the crystal plate: hence, flat-plate resonators, higher m (high-frequency AT cut), and operation at the fundamental crystal frequency are recommended for wider control bands. A transistorized (P403) oscillator with a AT-cut 13-Mc crystal was used for an experimental verification of the formulas. The frequency-control band is limited by the desirable frequency stability, the output-voltage reduction, and the hazard of spurious oscillations. Orig. art. has: 12 figures and 40 formulas.

ASSOCIATION: none

SUBMITTED: 23May64

ENCL: 00

SUB CODE: EC

NO REF SOV: 005

OTHER: 002

Card 2/2

SHAKULOV, R.S.; AYTEKHOZHIN, M.A.; SPIRIN, A.S.

Latent degradation of ribosomes. Biokhimiia 27 no.4:744-751
Jl-Ag '62. (MIRA 15:11)

1. Institute of Biochemistry, Academy of Sciences of the U.S.S.R.,
Moscow.

(NUCLEOPROTEINS)

BOGDANOV, A.A.; SHAKULOV, R.S.

The 19th Bach Lecture. Izv. AN SSSR Ser. biol. 28 no.4:637
Jl-Ag'63 (MIRA 16:11)

*

FEL'DMAN, I., dotsent; SHAKULOV, S., dotsent

Apply new construction principles in the building of shipping
centers. Sov. torg. 36 no.5:16-22 My '63. (MIRA 16:5)

1. Zaveduyushchiy kafedroy organizatsii i tekhniki trgovli
Moskovskogo instituta narodnogo khozyaystva imeni Plekhanova
(for Fel'dman).

(Shopping centers)

AKULOV, Leonid Sergeyevich; BEM-KAZAROV, Paylak Tigranovich; KAMINSKIY, Ya.A.;
MOVSHOVICH, I.L.; ORLOV, G.F.; PASHKOV, B.I.; POLOVNIKOV, A.P.;
CHERNOV, G.L.; SHAKULOV, S.A.; ISHKOVA, A.K., red.; LYUDSKOV, B.P.;
SUDAK, D.M., tekhn. red.

[Layout and equipment for commercial enterprises] Ustroistvo i
oborudovanie torgovykh predpriatii. Moskva, Gos. izd-vo torg.
lit-ry, 1958. 411 p. (MIRA 11:7)

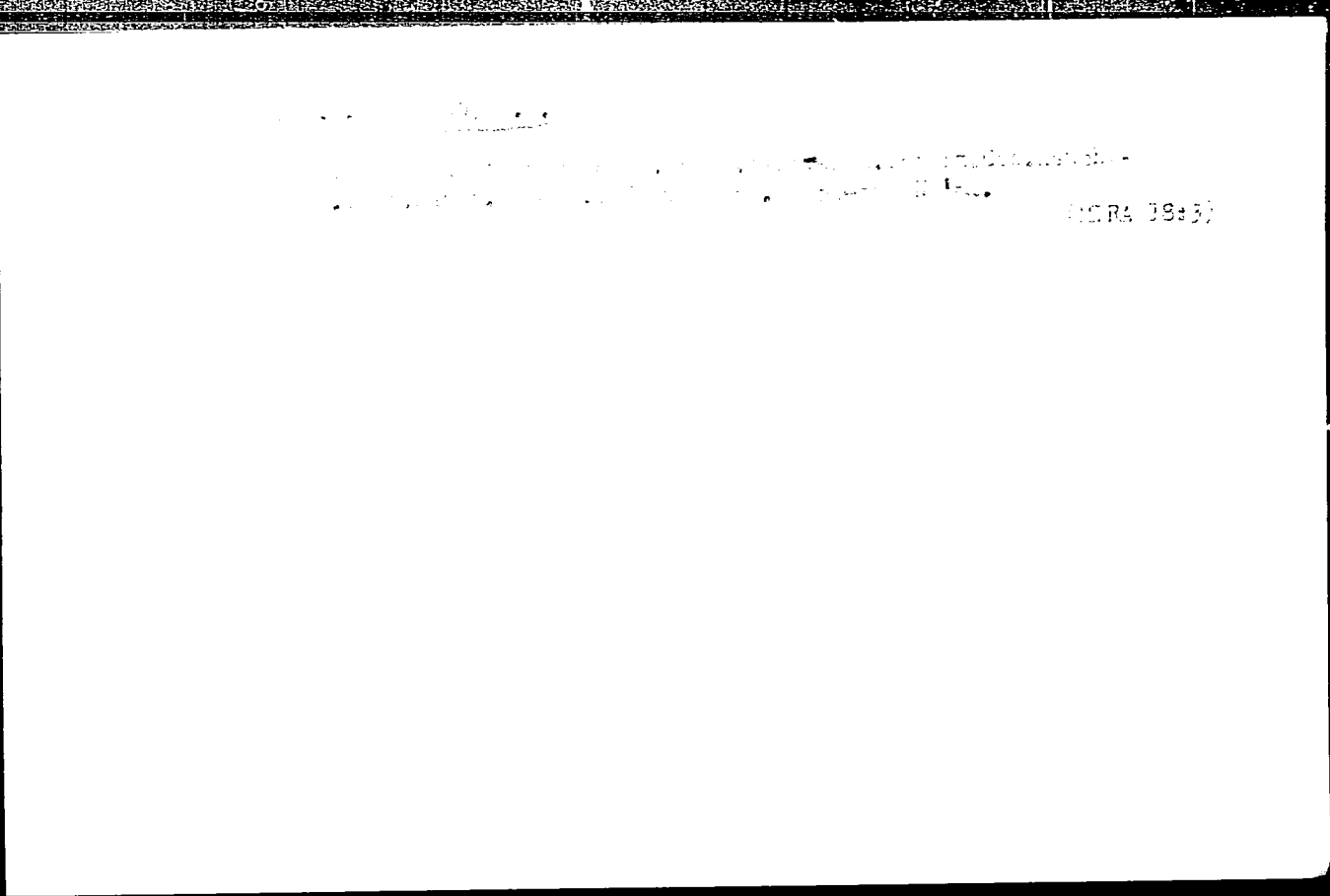
(Stores, Retail)

AZULOV, I.I.; BUKHARINOV, P.T.; FOMINENKO, Ya. A.; NOVOSVETSKAYA, I.B.;
ORLOV, G.F.; PASHKOV, B.I.; POLOVNIKOV, A.P.; SHKURINOV, G.L.;
SHARULOV, S.A.

Special assignments. See. top. no. 7:52 J1 '51.
(MIRA 11:7)
(Stores, Retail—Equipment and supplies)

DOROGAN, R.V.; SHAKUN, L.A.

Apparatus for analyzing the bioelectric activity of the brain.
Uch. zap. Kish. un. 39:75-79 '59. (MIRA 14:9)
(ELECTROENCEPHALOGRAPHY)



SHAKUN, M.I.; MASYUTIN, V.V.

Developed by the innovators of the First State Bearing
Plant. Mashinostroitel' no.11:18-20 '65.

(MIRA 18:11)

MASYUTIN, V.V.; SHAKUN, M.I.

Created by Moscow innovators. Mashinostroitel' no.2, 14-19
F '65. (MIRA 18:3)

SKAKUN, N.P.

Determination and recording of the tonus of the terminal apparatus
in the common bile duct in chronic experiments in dogs. *Biul. eksp.
biol.i med.* 57 no.5:122-125 My '64. (MIRA 18:2)

1. Kafedra farmakologii (zav. - prof. N.P.Skakun) Ternopol'skogo
meditsinskogo instituta. Submitted December 10, 1962.

SHAKUN, V.

ROSTOVTSEV, N.; DOBRYNIN, P.; TIKHOMIROV, V.; LOGACHEV, A.; SHAKUN, V.;
GRUDEV, D.; KUDRYAVTSEV, P.; MALEYEV, M.; SOKOV, N.; ~~KORNIKOV~~, V.;
TOLOKONNIKOV, A.; PUSTOVALOV, A.; RED'KIN, A.; BLOMKVIST, M.;
PETROV, N.; SHUBSKIY, I.; SEMENOV, S.; POPOV, G.; BRODOV, K.;
KORENEV, P.

Professor M.N. Iakovlev; obituary. Zhivotnovodstvo 19 no.12:90
D '57. (MIRA 10:12)
(Iakovlev, Mitrofan Nikolaevich, 1878-1957)

SHAKUN, V.P., zootekhnik

"Beef cattle farming in Kazakhstan." Reviewed by V.P.Shakun.
Zhivotnovodstvo 21 no.6:91-93 Je '59. (MIRA 12:8)
(Kazakhstan--Beef cattle)

RABINOVICH, D.M.; SHAKUN, V.V.; SHERMEYSTER, M.S.

Manufacture of rails with improved wear resistance. Metallurg
6 no.10:25-26 O '61. (MIRA 14:9)

1. Nizhe-Tagil'skiy metallurgicheskiy kombinat. 2. Nachal'nik
prokatnoy laboratorii Nizhne-Tagil'skogo metallurgicheskogo
kombinata (for Rabinovich). 3. Nachal'nik rel'sobalochnogo
stana Nizhne-Tagil'skogo metallurgicheskogo kombinata (for
Skakun). 4. Nachal'nik uchastka nagrevatel'nykh ustroystv
Nizhne-Tagil'skogo metallurgicheskogo kombinata (for Shermeyster).
(Rolling (Metalwork)) (Railroads—Rails)

GOFTARSH, R.V. (Leningrad); SHAKUNOV, A.I., glavnyy vrach; RAPOPORT, M.Yu.,
professor, nauchnyy rukovoditel'.

Primary cancer of the liver manifested by profuse gastric hemorrhage. Klin.
med. 31 no.8:93 Ag '53. (MLRA 6:11)

1. 2-ye terapevticheskoye otdeleniye Basseynovoy klinicheskoy bol'nitsy im.
Chudnovskogo. (Liver--Cancer) (Hemorrhage)

1. SHAKUNOV, L., ENG.
2. USSR (600)
4. Dwellings
7. Early fulfillment of housing construction plan.
Zhil. - kom. khoz. 2. No. 9. 1952.

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

SPAKUNOV, I.

For the good of the Soviet man. Zhil.-kom. khoz. 11 no.10:2-3 0
'61. (MIRA 15:1)

1. Zamestitel' Ministra kommunal'nogo khozyaystva RSFSR.
(Municipal services)

GASHIMI, A.; SHAKURI, B.

Supplying soils of the Shevakh agricultural administration with
volatile forms of microelements. Dokl. AN Azerb. SSR 21 no. 6:68-
71 '65. (MIRA 18:12)

1. Institut pochvovedeniya i agrokhimii AN AzSSR.

JHARRIS, R.E.

Microelements in northern Azov and Caspian (chernozem soils of Rostov Province. Izv. AN Azerb. SSR. Ser. biol. no.4:81-89 '67. (MIRA 17:12)

CHAPMAN, B.F.; AKHUNDZADA, T.G.

Content of mobile forms of microfilm-prints in the southern part of Salyany District. Izv. Ak. Azerb. Nauk. Ser. 1971. Nauk. no.2:82-88 165. (1971. 18:7.)

SHAKUR IN, V.A.

Machine for lapping-in faucets of the air and water systems of motor
vehicles. Avt.prom. no.11:36 N '60. (MIRA 13:11)

1. Yaroslavskiy motornyy zavod.
(Grinding machines)

L 00682-67 EWT(d)/EWP(c)/EWP(v)/T/EWP(k)/EWP(l) IJP(c)

ACC NR: AP6019760

(A)

SOURCE CODE: UR/0113/66/000/006/0041/0043

53
B

AUTHORS: Shakurin, V. A.; Sokolov, I. A.

ORG: Yaroslavl Motor Works (Yaroslavskiy motornyy zavod)

TITLE: Magnetic flaw detection for parts at the Yaroslavl Motor Works

SOURCE: Avtomobil'naya promyshlennost', no. 6, 1966, 41-43

TOPIC TAGS: engine cylinder, spring, valve, flaw detection, piston engine, magnetic method, engine component

ABSTRACT: Three magnetic flaw detectors used at the Yaroslavl Motor Works are described: 1) for checking valve springs; 2) for checking the primary shaft of transmissions; and 3) for checking the sleeves of cylinder blocks. Magnetic flaw detectors for macroflaws are being designed, built, and successfully used at the present time at the plant. The capacities of the flaw detectors are 280, 150--200, and 150--180 parts/hr, respectively. Orig. art. has: 3 diagrams.

SUB CODE: ¹⁰ 13/ ~~14~~ SUBM DATE: none

Card 1/1 awm

UDC: 620.179.141:621.431.73

SHAKUROV, M. F.

SOV/177-98-6-42/51

17C

AUTHORS:

Mizinov, N.N.; Prolov, S.Z.; Medvedev, I.I.; Medvedev of the Medical Corps, Candidate of Medical Sciences, Iskhaniyev, M.M., Colonel of the Medical Corps, Aliev, M.Z., Lieutenant-Colonel of the Medical Corps.

TITLE:

Working Experience in Assistance for Wounded Soldiers and Rendering First Aid to them at night.

PERIODICAL:

Voyenno-meditsinskiy zhurnal, 1982, No. 9, p. 47-48, 111-112.

ABSTRACT:

The authors give a short report on experience in training for wounded soldiers at night in training exercises compared with similar exercises in training. The amount of time necessary to render first aid decreased by 40%, while 20% of the time was used for the first percentage of the night. The number of wounded soldiers and the percentage of wounded soldiers who were rendered first aid increased and equipped with first aid kits.

Card 1/2

that may become involved. 6. The authors should be taught certain very simple, but effective, first aid techniques as specific brief calls, light if only, and to assist in the mission.

Card 2/2

SHAKUROV, M.Z., inzh.

Improve the design of the ABSH boring machine. Bezop.truda v
prom. 3 no.5:14-15 My '59. (MIRA 12:8)
(Boring machinery)

SHULEYKIN, V.V., akademik; SHAKUROV, P.F.

Lines of sodium in the air absorption spectrum above the sea.
Dokl.AN SSSR 106 no.6:991-993 F '56. (MIRA 9:7)

1.Morskey gidrofizicheskiy institut Akademii nauk SSSR.
(Sodium--Spectra) (Atmosphere) (Sea air)

Shakurov, P.F.

51-6-23/25

AUTHOR: Gal'perin, Yu. I.

TITLE: Remarks on the Paper of V. V. Shuleykin and P. F. Shakurov "The Sodium Line in the Absorption Spectrum of Air Above the Sea". (Po povodu stat'i V. V. Shuleykina i P. F. Shakurova "Liniya natriya v spektre pogloshcheniya vozdukha nad morem".)

PERIODICAL: Optika i Spektroskopiya, 1957, Vol. III, Nr. 6, p.672. (USSR)

ABSTRACT: A letter. The present author criticizes the above paper of V. V. Shuleykin and P. F. Shakurov (Ref.1). Shuleykin and Shakurov photographed an emission spectrum of an incandescent lamp after passage through 10 km of air about 50 m above the sea surface. The beam from the lamp was not parallel and was not focused on the spectrograph slit. The D-doublet of Na was not resolved and it is hardly noticeable in Fig.1 of Ref.1. Shuleykin and Shakurov's paper does not give the essential experimental details such as the type of the spectrograph used, its resolving power, dispersion, parameters of the camera, etc. Their calculation of line intensity and derivation of the

Card 1/2

80399

SOV/169-59-4-3836

3.5000

Translation from: Referativnyy zhurnal, Geofizika, 1959, Nr 4, p 95 (USSR)

AUTHOR: Shakurov, P.F.

TITLE: The Results of Measuring the Deflection of the ¹² Visible Horizon at Three Altitudes

PERIODICAL: Tr. Morsk. gidrofiz. in-ta, AS USSR, 1957, Vol 11, pp 105 - 111

ABSTRACT: This is an investigation of the causes of errors in measuring the deflection of the visible horizon and their variations in dependence on the altitude of the observer's eye above the sea level. Test observations of the deflection of the horizon from three different altitudes (4.5, 19, 47.5 m) are described for various meteorological conditions. The following conclusions are drawn: 1) The lower the altitude of the observer's eye, the smaller the difference will be between observed and tabular deflections, corrected for the difference between water and air temperatures. 2) With low altitudes of the observer's eye, the fluctuation amplitudes of the observed deflection will be greater in the general case, while the line of the horizon will be uneven

Card 1/2

4

80399
SOV/169-59-4-3836

The Results of Measuring the Deflection of the Visible Horizon at Three Altitudes

and changeable, especially with a swell. 3) The difference between the observed and the tabular deflections will increase (up to 5' - 6') during a period of intense heating and weakly developed advection; the difference will be greater for higher altitudes of the observer's eye. 4) The deflection of the horizon varies in its different sections; the difference amounts to 1, which apparently can be explained by the considerable difference in air and water temperatures when a wind of a certain direction is present. 5) The tabular values of the deflection of the visible horizon must be corrected in respect to the difference between water and air temperatures. For the Black Sea, this correction must be performed only in January, April, June, July, August and September. ✓

V.A. Naumov

Card 2/2

SOV/49-59-1-20/23

AUTHOR: Shakurov, P. F.

TITLE: High Precision Apparatus for Determination of the Inclination of the Earth's Surface and Registration of Earthquake Waves (Vysokochuvstvitel'nyye apparaty dlya opredeleniya naklonov poverkhnosti Zemli i registratsii voln zemletryaseniy)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geofizicheskaya, 1959, Nr 1, pp 159-161 (USSR)

ABSTRACT: The manufacture and maintenance of high precision apparatus is subject to difficulties for overcoming the effect of friction, change of temperature, change of variation in electric circuits, etc. The author experimented with apparatus which practically nullified the friction between two large surfaces. It could be applied in registering the variations in the angle of inclination of the Earth's surface or similar movements. The principle of the apparatus is shown in Fig.1a and Fig.2. The disc D has a concave upper surface, being part of a sphere S, while the disc d has a convex lower surface belonging to a sphere S₁. Both spheres

Card 1/3

SOV/49-59-1-20/23

High Precision Apparatus for Determination of the Inclination of the Earth's Surface and Registration of Earthquake Waves

are of the same radius R . The space between two discs is filled with the compressed air (0.4 atm above normal) entering through the pipe T , the tap K and the channel i (0.2 to 0.3 mm dia.). The thickness of the air layer is in the range of tenths of a micron. In this condition it can be visualized that the upper disc d is "floating" in the air taking a position of the least potential energy. At the smallest change of the angle of disc D , the disc d will take a new position again requiring the least potential energy. If the inclination of the sphere S is equal to β , then the sliding disc will be displaced by βR . Thus, determination of R becomes significant, e.g. the angle of inclination $\beta = 0.001'$, the centre O of disc d is shifted by $0.1 \text{ mm} = \beta R = 4.8 \times 10^{-9} R$, $R = 20833 \text{ m}$. In practice the discs are made of aluminium or brass 20 cm dia. and 1 cm thick. The amount of air required for a continuous service is about 30 l per 24 hours. If the microscope M gives the magnification 35X, then the displacement of 5 cm

Card 2/3

SOV/49-59-1-20/23

High Precision Apparatus for Determination of the Inclination of
the Earth's Surface and Registration of Earthquake Waves

is equivalent to the angle of inclination $1''$. In the
case of 350X magnification this distance gives an
angle of $0.1''$, while $1 \text{ mm} = 0.02''$. Fig. 1, b shows how
the inclinations can be plotted, and Fig. 3 shows an
actual example of registering the earthquake waves.
There are 3 figures.

SUBMITTED: December 29, 1956

Card 3/3

SOV/120-59-4-46/50

AUTHOR: Shakurov, P. F.

TITLE: A Galvanometer with a Gas Bearing

PERIODICAL: Pribory i tekhnika eksperimenta, 1959, Nr 4, p 155 (USSR)

ABSTRACT: The coil has many turns, and is fixed to a cone lapped into a sphere; gas at about 0.2 atm is passed in through a 0.2 mm hole at the bottom of the cone. The gap between the cone and sphere is 5-10 μ . The sensitivity is 10^{-10} A/mm at 1 m, or 6×10^{-12} A per division if a 10 cm pointer is used with a x300 microscope. The galvanometer takes about 50 sec to reach a steady reading.

SUBMITTED: June 30, 1958.

Card 1/1

SOV/6-59-7-20/25

3(4)

AUTHOR:

Shakurov, P. F.

TITLE:

Precision Metal Levels (Pretsizionnyye metallicheskiye urovni)

PERIODICAL:

Geodeziya i kartografiya, 1959, Nr 7, pp 61 - 64 (USSR)

ABSTRACT:

The author designed a completely new type of metal level. It is described here. Neither glass nor liquid are used for this level. The mode of operation is as follows: Two metal disks meet on a ball surface (Fig 1). Compressed air of 1.3-1.4 atmospheres is conducted to the center of the lower disk by a small tube and a fine canal with a diameter of 0.1-0.2 mm. By the action of the air molecules, the upper disk is separated from the lower one, and glides above the latter, frictionless and at low speed. After a certain time when the potential energy of the upper disk attains a minimum value, it takes the lowest position. The gliding disk is a pendulum without suspension and without axis of rotation. The construction of the metal level is shown in figure 2, and described. To build a device of a certain sensitiveness, the radius of curvature of the ball surface of the level can be determined. Such an example is computed here. Such a device was built by the author in

Card 1/2

Precision Metal Levels

SOV/6-59-7-20/23

1956, and showed a high sensitiveness. Besides, an apparatus with a special device was built. It indicated the inclinations of the earth's surface on a scale of 0".02 in one millimeter. By a reduction of the surface curvature, a sensitiveness of $1 \cdot 10^{-5}$ in one millimeter can be obtained. Besides, the construction of a torus-shaped level was developed. It is distinguished from the former by the shape and the kind of reading. The torus-shaped level (Fig 4) consists of a block with a torus-shaped hole. A second block glides in this hole. On the gliding block, a line is plotted which is observed by a microscope with cross wires. The line will swing during the observations. The zero graduation of the cross wires is adjusted by the factory to the horizontal position of the level. There are 5 figures.

Card 2/2

SHAKUROV, P.

Determining the velocity and direction of currents by anchored
spar buoys. Trudy MGI 15:80-85 '59. (MIRA 12:6)
(Ocean currents) (Buoys)

SHAKUROV, P.F.

Direction of the rotation of objects observed through an in-
verting optical system. Izv.AN SSSR.Ser.geofiz. no.6:871
Je '60. (MIRA 13:6)

(Optics, Geometrical)

SHAKUROV, P.P. (g. Kaliningrad)

Faults in the construction of the compass box of the VM-4 ocean
current meter. Meteor. i gidrol. no.10:48-49 0 '62.

(Compass) (Oceanographic instruments) (MIRA 15:9)

SHAKUROV, P.F.

The gas pendulum. Prib. i tekhn. eksp. 8 no.6:192-193 N.E. '63.
(MIRA 17:6)

Summary

Experimental data on the structure and hydrological sections
along the coast of the Bering Sea. (Sov. Geol. Surv. 1964)
(MIRA 1965)
1. Khar'kovskaya gos. univ. Inst. of Geology. AN USSR.

SHAKUROV, P.F., kand.fiz.-matem.nauk (Kaliningrad)

Portable substitute for Foucault's pendulum. Priroda 52 no.7:
111-112 J1 '63. (MIRA 16:8)
(Physical instruments)

SHAKUPOV, R.Kh.

Effect of appraisal on personality. Vop. psikhol. 10
no.2:40-48 Mr-Apr '64. (MIRA 17:9)

1. Shkola rabochey molodezhi No.15, gorod Chulym.

S/032/60/026/008/020/046/XX
B020/B052

AUTHOR: Shakurov, V. G.

TITLE: News in Brief

PERIODICAL: Zavodskaya laboratoriya, 1960, Vol. 26, No. 8, p. 949

TEXT: The ability of zirconium to be absorbed by cationites from acid solutions, was applied for its separation from a series of admixtures, and for its determination. The cationite used, was the H form of the KY-1 (KU-1) resin. The cations absorbed together with zirconium, are easily eluted by a 2 N $(\text{NH}_4)\text{Cl}$ solution which was acidified by HCl up to a concentration of 0.5 N. ⁴Zirconium is then described by 4 N H_2SO_4 . Thus it can be separated from larger amounts of Fe, Cr, Mn, Ni, Ti, and Mo. After its precipitation by ammonia, the zirconium hydroxide is washed, dissolved in hydrochloric acid, and titrated against eriochrome black T by a 0.025 M Trilon B solution.

Card 1/1

S/078/62/007/006/018/024
B119/B138

AUTHORS: Zhukov, A. I., Shakurov, V. G., Plyasunov, P. V.

TITLE: Sorption of hydrolyzed ions of some elements of groups III and IV to cation exchange resins

PERIODICAL: Zhurnal neorganicheskoy khimii, v. 7, no. 6, 1962, 1458-1463

TEXT: The authors studied the sorption of aluminum, lead(II) (introduced as nitrates), titanium(IV) (introduced as chloride) to the cation exchange resins KY-1 (KU-1) and KY-2 (KU-2), and zirconium (as chloride) to KU-1, as well as the possibility of washing them out by 1N solutions of NH_4Cl and NH_4NO_3 . The washing solutions were used in stoichiometrically neutral state, and acidified with the corresponding acid (up to 0.5 N). On any kind of ion the acid solutions have a much stronger washing effect than the neutral ones: 4.6 mg-eq of metal ion to 6.50 g of resin require the following amounts of neutral and 0.025 N acid washing solution: Al, KU-1, 475 ml, 150 ml, KU-2, 1200 ml, 500 ml; Pb(II), KU-1, not completely washable, 92 ml. Titanium could not be removed from the resins with neutral washing solution.

Card 1/2

Sorption of hydrolyzed ions of...

S/078/62/007/006/018/024
B119/B138

Small amounts of Zr can only be separated from the resin with washing solution containing 0.5 N acid. Aluminum at pH 2 is bound to the resin in the form of 3-fold positively charged hydroxy complexes $(Al[(OH)_3Al]_n^{3+}, Al_6(OH)_{15}^{3+}$ with Al^{3+}). At pH 3.85, the number of Al atoms per complex ion is 5. Thorium was separated from Al, and zirconium from Al and U, by KU-1 and NH_4Cl washing solution. There are 5 figures and 2 tables.

ASSOCIATION: Ural'skiy politekhnicheskiy institut im. S. M. Kirova (Ural Polytechnic Institute imeni S. M. Kirov)

SUBMITTED: July 6, 1960

Card 2/2

... ..

Fear

Increasing vitality of ecovarieties, Sel. i ser., 12, No. 7, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952, UNCLASSIFIED

BOCHKOV, A. P. SHAKURDYA, A. P.

...activity ... the ... reflex
... process of the day ... tetanus.
... (MIRA 18:11)
... Laboratory
... Institute, Leningrad.

KRIVORUCHKO, Nikolay Zakharovich, kand. tekhn. nauk; SLUSHAYENKO, A.M., dotsent, retsenzent; YELISEYEV, F.G., dots., retsenzent; LERNET, K.S., dots., retsenzent; GLUKHOV, V.A., dots., retsenzent; KIYANOV, P.I., inzh., retsenzent; TSHRIDANOV, V.M., inzh., retsenzent; DOROFEYEV, V.G., inzh., retsenzent; KALEDENKOV, S.S., inzh., retsenzent; KOROLEV, A.N., inzh., retsenzent; LOKSHIN, Kh.A., inzh., retsenzent; FIRSOV, S.I., inzh., retsenzent; SHAKURSKIY, K.D., inzh., retsenzent; UTKIN, A.V., tekh., retsenzent; VALETOV, A.I., inzh., red.; BOBROVA, Ye.N., tekhn. red.

[Operation, management, and repair of rolling stock] Vagonnoe khoziaistvo. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M.-va putei soobshcheniia, 1961. 319 p. (MIRA 14:11)

1. Kafedra "Konstruktsiya, remont i ekspluatatsiya vagonov" Rostovskogo instituta inzhenerov zheleznodorozhnogo transporta (for all except Valetov, Bobrova).
(Railroads--Rolling stock)

BOYKO, Fedor Ivanovich; DANILOV, Valentin Ivanovich; SHAKURSKIY, K.D.,
inzh., retsenzent; SARANTSEV, Yu.S., inzh., red.; VOROTNIKOVA,
L.F., tekhn. red.

[Repair of provispry No.270-002 air distributors] Remont voz-
dukhoraspredelitelei USL. No.270-002; opyt kontrol'nogo pun-
kta avtotormozov stantsii Sverdlovsk-Sortirovochnyi. Moskva,
Transzheldorizdat, 1963. 41 p. (MIRA 16:4)
(Air brakes--Maintenance and repair)

VINOGRADOV, V.M.; SHAKURSKIY, K.D.; USPENSKIY, V.K.; BRAYLOVSKIY, N.G.,
inzh., red.; VOROB'YEVA, L.V., tekhn. red.

[How to prevent the blocking of wheel sets] Kak predupredit'
zaklinivanie kolesnykh par. Moskva, Transzheldorizdat, 1963.
103 p. (MIRA 17:2)

SUCHILIN, Georgiy Petrovich; SHAKURSKIY, Konstantin Dmitriyevich;
BRAYLOVSKIY, N.G., inzh., red.

[Mechanization of the repair of new braking devices] Me-
khanizatsiia remonta novykh tormoznykh priborov. Moskva,
Izd-vo "Transport," 1964. 152 p. (MIRA 17:4)

15.8220 2209

32400
S/080/62/035/001/013/013
D204/D304

AUTHORS: Voskresenskiy, V. A. and Shakurzyanova, S. S.

TITLE: Influence of the chemical properties and structure of plasticizers on their plasticizing action

PERIODICAL: Zhurnal prikladnoy khimii, v.35, no.1, 1962, 217-221

TEXT: A study of the effects of the chemical nature, structure, polarity, molecular size and molecular shape of solid, monomeric compounds, when added as plasticizers to polyvinyl chloride (PVC). The additives were rolled into the polymer at 125 - 160°C and the compositions which were then compressed into 2 mm films at 140 - 145°C, were evaluated by physicomechanical tests. The ratio of PVC to the plasticizer was kept at 100 : 36 parts by weight and 3 parts of Ca stearate were added in each case. In the first series of experiments the monomers consisted of naphthalene, o-hydroxyquinolin, α- and β-nphthols, 1,7 dihydroxynaphthalene and β-nitroso-α-naphthol. It was found that all the above combined with PVC to form macrohomogeneous, semi-transparent sheets. True plasticizing action was only observed in the cases of naphthalene, o-hydroxyquinoline
Card 1/2

Influence of the chemical ...

32400
S/080/62/035/001/013/013
D204/D304

and α -naphthol, the remaining compounds behaving merely as fillers. In the second series of experiments diphenyl, diphenyl ether, diphenylamine, azobenzene, stilbene, Michler's ketone, diphenyl carbazide and carbazone, o-tolidine, phenolphthalein and p-terphenyl were tested. All monomers combined easily with PVC but only diphenyl, azobenzene, diphenylamine and diphenyl ether behaved as plasticizers, improving the flexibility and elasticity of the compositions. o-Tolidine increased the tensile strength to 913.0 kg/cm². Anthracene and anthraquinone which were tried in the third and last series did not mix well with PVC and behaved largely as fillers although some plasticizing action was perceptible. It was concluded that for a given polymer the plasticizing effects depend largely on the chemical composition and structure and on the size and shape of the plasticizer molecule, while polarity plays a secondary role and is not always significant. There are 3 tables and 2 Soviet-bloc references-

SUBMITTED: November 16, 1960

Card 2/2

SHALA, Z.

How to protect sheep from ticks. p. 21.

Vol. 9, no. 7, July 1955
PER BUJ QESINE SOCIALISTE
Tirane, Albania

Soz East European Accession Vol. 5, No. 4. April 1956

SHALA, Z.

SHALA, Z. Teaching veterinary practice on farms. p.3.

Vol. 9, No. 12, Dec 1955, PER BUJQESINE SOCIALISTE, Tirane, Albania.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 10,
Oct. 1956.

AKIMOV, V.I.; ALEKSEYENKO, I.P.; ALBINT'YEVA, K.A.; AMOSOV, N.M.; ARUTYUNOV, A.I.;
BIRATUS', V.D.; VASHCHENKO, I.D.; GELLEMAN, D.S.; GRISHIN, M.A.;
DANKIYEVA, T.H.; DENISOVA, A.G.; DOLGOVA, M.P.; IVANOV, N.A.; ISHCHEKNO,
I.N.; KATS, V.A.; KOLOMIYCHENKO, M.I.; LAVRIK, S.S.; LIMAREV, A.A.;
NAZAROVA, N.G.; NOVACHENKO, N.P.; PETRUNYA, S.P.; PKHAKADZE, A.L.;
RUDENKO, F.A.; SERGIYEVSKIY, V.F.; TAYTSLIN, I.S.; TARTAKOVSKIY, B.S.;
CHIZHONOK, P.I.; SHALABALA, M.P.; SHUMADA, I.V.; SHUPIK, P.L.

Konstantin Konstantinovich Skvortsov; obituary. Nov.khir.arkh.
no.3:142-143 My-Je '59. (MIRA 12:10)
(SKVORTSOV, KONSTANTIN KONSTANTINOVICH, 1871-1959)

GILOVYAN, V.A.; SHALABANOV, A.S.

New method for the automatic control of the level of the oil-water interface in the Lobkovo horizontal sedimentation tanks. Nefteprom. delo no.1:24-28 '65. (MIRA 18:3)

1. TSekh nauchno-issledovatel'skikh i proizvodstvennykh rabot neftepromysloвого upravleniya "Ordzhonikidzeneft".

YASTREMOVICH, N.I.; KALININ, F.L.; SHALABAY, M.S.

Effect of the nature of metabolism in stems and reproductive
organs on the productivity of wheat. Nauch.trudy Ukr.nauch.-
issl.inst.fiziol.rast. no.23:88-118 '62. (MIRA 16:2)
(Polesye—Wheat) (Plants—Metabolism)

IVANENKO, A.K.; YAKUBOVA, K.N.; SHALABAYEV, G.A. .

Focus of malaria in Lyaur, Lenin District. Zdrav.Tadzh. 9
no.3:6-7 My-Je '62. (MIRA 15:8)

(LYARU--MALARIA)

BOYARSKIY, F.F.; SHALABAYEV, K.N.

[Nikita Sergeyevich Khrushchev in Kazakhstan during March,
1961] Nikita Sergeevich Khrushchev v Kazakhstane, mart 1961.
Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 362 p. (MIRA 15:1)
(Kazakhstan--Agriculture, Cooperative)
(Khrushchev, Nikita Sergeevich, 1894-)

BOYARSKIY, F.F.; SHALABAYEV, K.N.; ZLOBIN, M., tekhn. red.

[Nikita Sergeevich Khrushchev in Kazakhstan; March 1961]
Nikita Sergeevich Khrushchev v Kazakhstane; mart 1961. Alma-
Ata, Kazakhskoe gos. izd-vo, 1961. 362 p. (MIRA 15:3)
(Khrushchev, Nikita Sergeevich, 1894-)
(Kazakhstan--Agriculture)

SHALABAYEV, S.A.

Capacity of the Pliocene oil fields of the Monzhukly structure of
Turkmenistan. Vest. AN Kazakh. SSR 19 no.2:73-76 F '63.
(MIRA 16:5)

(Monzhukly--Oil fields)

AVROV, P.Ya.; DITMAR, V.I.; FILIP'YEV, G.P.; SHALABAYEV, S.A.; LI, A.B.;
SHAKHOV, R.A.; MAYLIBAYEV, M.M.; TSIREL'SON, B.S.

Gas bearing capacity of the Usharal structure in the Chu
Depression. Vest. AN Kazakh. SSR 21 no.1:69-73 Ja '65.
(MIRA 18:7)

ACC NR: AT6035088

(N)

SOURCE CODE: UR/3095/66/035/000/0079/0086

AUTHOR: Shalabayus, A. S.

ORG: none

TITLE: Some results of investigations on air exchange in the tropical part of the Atlantic Ocean

SOURCE: AN UkrSSR. Morskoy gidrofizicheskiy institut. Trudy, v. 35, 1966. Gidrofizicheskiye i gidrokhimicheskiye issledovaniya tropicheskoy zony Atlantiki (Hydrophysical and hydrochemical research in the tropical zone of the Atlantic), 79-86

TOPIC TAGS: atmospheric current, atmospheric stratification, radiosonde, research ship, *Oceanography*

ABSTRACT: The author examines some features of air exchange in the tropical part of the Atlantic Ocean on the basis of aerological data collected on the 13th (March--May 1963) and 14th (August--November 1963) voyages of the Mikhail Lomonosov. Results of his analysis of the records of 185 radiosondes, representing an average maximum height of 21 km, reveal the presence of a multilayered structure of zonal currents. At the ocean surface, eastern transfer of air dominates throughout the year (74%). Recurrence of western movement in the near-water layer is but 20%. Recurrence of various numbers of layers in the multilayered structure is as follows: 1 layer - 8%,

Card 1/2

SMALAKULOV, Yu. K.

27

Electron optical investigation of thorium oxide. Yu. K. Shalaburov and Yu. A. Mal'isev. *Izv. Leningrad. Politekhn. Inst. im. M. I. Kalinina* 1955, No. 181, 175-9. A Ni ball, 1.2 mm. in diam., and 2 kinds of W-wire points, reduced to 80-100 and to 1-5 μ , resp., and coated with a thin layer of ThO₂, were used as electron emitters on a surrounding spherical fluorescent anode at a pressure of approx. 10⁻⁶ mm. Hg. Magnification was 100 to 10⁴ times, resp. The nonuniform surface properties of a thermally treated ThO₂ layer cause a spotty emission, similar to that of an oxide cathode. The emission is "poisoned" by O, but recovers after reheating. On the surface of a heated W point ThO₂ dissociates, and the dissociation products are adsorbed on the faces of the W single crystal. E. Ryshkevitch

bu

4

MT 1/1 GR

Category : USSR/Photoeffect - Electron and Ion Emission

H-2

Abs Jour : Ref Zhur - Fizika, No 1, 1957, No 1656

Author : Shalabutov, Yu.K., Maslennikova, N.S.

Title : Energy Distribution of Photoelectrons in the External Photoeffect of Antimony-Caesium Cathodes.

Orig Pub : Zh. tekhn. fiziki, 1956, 26, No 6, 1166-1169

Abstract : The spherical-capacitor method was used to investigate the energy distribution of photoelectrons from an antimony-caesium photocathode at 293 and 90° K. The purpose of the measurement was to establish the presence (or absence) in the distribution of a group of slow electrons for $\lambda \sim 525 - 575$ millimicrons. The existence of this group is expected from the concepts of the exciton mechanism of photoelectron excitation. The authors have established the presence of a group of slow (approximately 0.2 ev) electrons on the distribution curve for $\lambda = 530$ millimicrons. The authors indicate that this result can be considered as a consequence of the effect of the exciton mechanism. Bibliography, 5 titles.

Card : 1/1

AUTHOR: Shalabulov, Ya. K. 48-22-5-20/22

TITLE: Non-Steady Processes in Heaters (Nestatsionarnyye protsessy v podgravatel'nykh). (Data From the VIII All-Union Conference on Cathode Electronics, Leningrad, October 17 - 24, 1957; (Materialy VIII Vsesoyuznogo soveshaniya po katodnoy elektronike, Leningrad, 17 - 24 oktyabrya, 1957g.))

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Fizicheskaya, 1958, Vol. 22, Nr 5, pp. 628-639 (USSR)

ABSTRACT: The main factors deciding the characteristics of heaters of radio valves with indirect filament are known to be: the leakage current passing between the heater and the cathode, I_{ph} and the breakdown voltage of the coating material of the heater. A short survey of literature is given (references 1 - 6). Several processes occurring in permanent use of the heater and seemingly irreversible had been mentioned in the literature available, but never studied systematically. The processes in the heater

Card 1/3

Non-Steady Processes in Heaters (Data From the VIII All Union Conference on Cathode Electronics, Leningrad, October 17 - 24, 1957) 48-22-5-20/22

coating mentioned in the title may help in the establishment of the relations between the stability of the heater and its electrical characteristics. The author draws the following conclusions: 1. Inquiry into the non-steady processes has proved that the ion- and polarisation processes in the former play an essential part and may considerably influence the electrical properties of the coatings. 2. The data available at present concerning the statistic characteristics of the electrical properties of the heaters have to be revised in consideration of the non-steady processes. 3. On the basis of studies of non-steady processes it has been possible to find a criterion for the prediction of the life of various heaters. No doubt, the correlation-parameter, linking the dynamic volt-ampere-characteristics of the leakage current with the charging time of the heater, needs to be made more precise. The tests were conducted under the supervision of A. R. Shul'man, with valuable suggestions

Card 2/3

Non-Steady Processes in Heaters (Data From the VIII All-Union Conference on Cathode Electronics, Leningrad, October 17 - 24, 1957) 48-22-5-20/22

from Yu. P. Maslakovets, V. F. Kovalenko, A. I. Figner, O. Ya. Mlodik, I. I. Popenova, S. A. Obolenskiy and the author joined in the discussion of this abstract. There are 8 figures, 1 table, and 16 references, 9 of which are Soviet.

ASSOCIATION: Leningradskiy politekhnicheskii institut im. M. I. Kalinina (Leningrad Polytechnical Institute imeni M. I. Kalinin)

1. Filaments--Properties 2. Filaments--Performance 3. Filaments
--Coatings 4. Electron tubes--Materials

Card 3/3

SHALABUTOV, Yu.K.

Nonstationary processes in the alundum coating of radio-tube
heaters and their origin. Fiz. tver. tela 1 no.2:296-306 F '59.
(MIRA 12:5)

Leningradskiy politekhnicheskii institut im. M.I. Kalinina.
(Alundum) (Cathodes)

L 27681-66 EWT(m)/EWP(1)/EII IJP(c) JH/JD/JG
ACC NR: AT6004858 SOURCE CODE: UR/2563/65/000/255/0107/0111

AUTHOR: Mazalova, T. G.; Shalabutov, Yu. K.

66
65
B+1

ORG: none *

TITLE: Investigation of the thermoelectric power of aluminum oxide with alkali-earth-metal impurities

27 27

SOURCE: *Leningrad. Politekhneskiy institut. Trudy, no. 255, 1965.
Radioelektronika (Radio electronics), 107-111

TOPIC TAGS: thermoelectric power, semiconductor, aluminum oxide , impurity conductivity

ABSTRACT: The thermoelectric power (thermo-emf per degree) of alundum (Al_2O_3) containing Sr, Mg, or Ba impurity was studied in order to determine the type of conductance of this material at 1000-1500K. A maximum thermoelectric power observed at 1250-1400K was: for Mg impurity, 200 $\mu v/1K$; for Ba impurity, 400; for Sr impurity, 800; for pure alundum, 200. It is found that: (1) Pure annealed alundum has an n-type conductance while alundum with an impurity, a p-type conductance which reverses into the n-type after annealing; (2) The thermo-emf of

2

Card 1/2

L 27681-66

ACC NR: AT6004858

alundum with impurities has a hole-type conductance; (3) The hole-type conductance remains unchanged after any heat treatment which, apparently, is due to an incorporation of impurity atoms into the alundum lattice; (4) The above results explain heavy leakage currents in electron-tube heaters made from alundum containing alkali-earth-metal impurities. Orig. art. has: 5 figures and 1 table.

SUB CODE: 09 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 002

Card 2/2

YAKOVLEVA, L.A., kand.tekhn.nauk; SHALAGANIDZE, Sh.I.

Electrodeposition of hard iron deposits from phenolsulfonic
electrolytes. Vest.mash. 41 no.9:65-67 S '61. (MIRA 14:9)
(Iron plating)

ALEKSEYEV, S.V., doktor sel'skokhozyaystvennykh nauk; SHALAGAY, Ye.I.

Beginning of spring in the northern Taiga. Priroda 45 no.4:128 Ap '56.
(MLRA 9:7)

1. Severnaya lesnaya opytnaya stantsiya, stantsiya Obozerskaya, Arkhangel'skoy oblasti.
(Arkhangel'sk Province--Spring)

TRALAGIN, A. A.

"On the Causes of Brittle Fractures in Welded Structures of Hydraulic Mechanical Equipment,"

p. 143, Strength of Welded Structures, Moscow, Mashgiz, 1958, 147 pp.
Sbornik, Nauchno-T kh. Obshchestvo mashinostroitel'noy promyshlennosti., kn. 48.

The book contains the principal reports of a conference held in Leningrad and sponsored by Leningrad Branch, of All-Union Sci., Engineering and Technical Soc (VNITO) of welders.

SHALAGIN, A.A. , inzh.

Causes of brittle failure in welded structures in hydraulic machinery.
[Izd.] LONITOMASH 48:143-148 '58. (MIRA 11:12)
(Hydraulic machinery--Welding) (Steel--Brittleness)

PROKOPENKO, A.G., inzh.; GORESHNIK, A.D., inzh; PALIYCHUK, A.S., inzh.;
RUVIMSKIY, I.M., inzh.; SHALAGIN, A.D., inzh.; SHCHERBINA, A.V.,
inzh.; YAKOVLEV, V.N., inzh.

Starting up turbine-boiler units after a holiday shutdown of
24 hours. Teploenergetika 7 no.3:60-72 Mr '60. (MIRA 13:5)

1. Yuzhnoye otdeleniye Gosudarstvennogo tresta po organizatsii
i ratsionalizatsii elektrostantsiy, Yuzhno-Ural'skaya
gosudarstvennaya rayonnaya elektricheskaya stantsiya, Odesskaya
teploelektrotsentral' i Stupinskaya teploelektrotsentral'.
(Boilers) (Steam turbines)

PROKOPENKO, A.G., inzh.; PALIYCHUK, A.S., inzh.; SHCHERBINA, A.V., inzh.;
SHALAGIN, A.D., inzh.

Starting features of VP turbines. Elek. sta. 32 no.7:11-17 J1
'61. (MIRA 14:10)

(Steam turbines)

MADOYAN, A.A.; SHALAGIN, A.D.; MADOYAN, L.G.; SKLYAREVSKIY, N.P.

Study of the starting operation of the TP-170-1 boiler.
Energ. i elektrotekh. prom. no.2:18-22 Ap-Je '63.

(MIRA 16:7)

1. Yuzhnoye otdeleniye Gosudarstvennogo tresta po organizatsii
i ratsionalizatsii rayonnykh elektrostantsiy i setey i
Odesskaya teploelektrotsentral'.

(Boilers)

KALINOVSKIY, N.N., kand.tekhn.nauk; SHALAGIN, A.D., inzh.; SKLYAREVSKIY, N.P.,
inzh.

Testing of airtight chloroprene rubber coatings during the operation
of the condenser of a sea water cooled thermal electric power plant.
Energomashinostroenie 9 no.9:32-35 S '63. (MIRA 16:10)

SHALAGIN, A.M., inzh.; YERMOSHCHENKO, Yu.G., inzh.

Useful book. ("Lining of vertical mine shafts" by P.I.Gorlova, L.IU.
Berman. Reviewed by A.M.Shalagin, IU.G. Ermoshchenko). Shakht.
stroi. no.7:3 of cover '58. (MIRA 11:9)

(Shaft sinking)
(Gorlova, P.I.)
(Berman, L.IU.)

USSR / Farm Animals. Honeybee.

Q-6

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 45317

Author : Shalagin, M. F.

Inst : Not given

Title : The Management of Bee Colonies in Two-Bodied and Multi-Bodied Hives.

Orig Pub : Pchelovodstvo, 1957, No. 10, 32-34.

Abstract : No abstract.

Card 1/1

SHALAGIN, M. M.

35533. O Patogeneze I Lechenii Torakal'nykh Svishchey Ognestrel'nogo
Proiskhozhdeniya. (Po Materialam Velikoy Otechestv. Voyny). V SB: Voprosy
Grudnoy Khirurgii. T. 111, M., 1949, c. 76-79.

Letopis' Zhurnal'nykh Statey, Vol. 48, Moskva, 1949

SHALAGIN, M.N., (MIRA 12:10)

Tenth Scientific Session of the A. Vishnevskii Institute of
Surgery of the Academy of Medical Sciences of the U.S.S.R.
Kaz.med.gaz. 40 no.1:93-95 Jan '59. (MIRA 12:10)
(SURGERY)

SHALAGIN, M.H., prof.

First All-Russian Congress of Surgeons. Kaz.-med.zhur. 40
no.2:106-109 Apr '59. (MIRA 12:11)
(SURGERY--CONGRESSES)

SHALAGIN, V.A.

Using the S-80 tractor for removing slags from open-hearth furnace
slag chambers. Biul.TSNIICHM no.17:38-39 (325) '57. (MIRA 11:4)

1.Nizhe-Tagil'skiy metallurgicheskiy kombinat.
(Open-hearth furnaces) (Tractors)

SHALAGIN, V. F.

Bee Culture

Excellent care of bees is basic to a large honey yield. Pchelovodstvo No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1952¹ Uncl.

13-00-06 SW(1) MB-2

ACC NR: AP6007337

SOURCE CODE: UR/0292/66/000/002/0006/0008

AUTHOR: Lodochnikov, E. A. (Engineer); Sheminov, V. G. (Engineer);
Parkhomenko, G. A. (Engineer); Shalagin, V. M. (Engineer); Ageyev, V. Ye.
(Engineer); Vlasova, V. P. (Engineer); Spannut, V. S. (Engineer)

ORG: none

TITLE: Electric microdrives of the MB series

SOURCE: Elektrotehnika, no. 2, 1966, 6-8

TOPIC TAGS: miniature motor, electric motor, servomotor / MB miniature motor

ABSTRACT: A miniature contactless MB-series d-c motor is briefly described. It comprises the motor proper, a transformer-type transistorized rotor-position sensor, and a transistorized commutator; its principal circuit diagram is shown.

Card 1/2

UDC: 621.313.13 - 181.4

COUNTRY : USSR
CATEGORY : Weeds and Their Control N
ABS. JOUR. : RZBiol., No. 12, 1958, No. 53947
AUTHOR : Shalagin, V.S.
INST. : Kuban' Agricultural Inst.
TITLE : An Experiment in Using Certain Herbicides on Pea Plantings
ORIG. PUB. : Sb. stud. nauchn. rabot. Kubansk. s.-kh. in-t, 1956 (1957), vyp. 1, 95-99
ABSTRACT : Before planting peas a try-out was made of the herbicides chloro-IPA (I) in doses of 10 and 15 kg/ha. and dinitro orthocresol (II) in a 5 kg/ha. dosage. There was no noticeable decrease in the number of pea plants. Tomatoes were planted later to determine the length of herbicidal activity. The number of weeds was slightly lowered by II. I was most effective in a 10 kg/ha. dosage and remained toxic in the soil for a long time (more than a month)
--L.D. Stonov

CARD: 1/1

SIKALASHA, A. I.

"Brown Spot Bacterial Diseases of Beans in Krasnodarskiy Kray."
Card Eiol Sci, All-Union Sci-Res Inst of Plant Protection, Leningrad, 1954.
(RZhBiol, No 7, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR
Higher Educational Institutions (12)
SC: Sum. No. 556, 24 Jun 55

SHALAGINA, A.I., kand.biol.nauk

Possibilities of combined granozan disinfection and stratification
of medicinal plant seeds. Zashch.rast.ot vred. 1 bol. 3 no.2:40-41
Mr-Apr '58. (MIRA 11:4)
(Botany, Medical) (Seeds--Disinfection)

VASINA, A.N.; KRYUKOVA, M.A.; SHALAGINA, A.I.

Diseases and pests of ginseng in Moscow Province. Mat. k izuch.
zhen'shenia i lim. no.4:171-175 '60. (MIRA 13:9)

1. Vsesoyuznyy institut lekarstvennykh i aromatiqueskikh rasteniy.
(MOSCOW PROVINCE—GINSENG—DISEASES AND PESTS)

OSTROVSKIY, N.I.; SHALAGINA, A.I.; KEYUKOVA, M.A.; BAN'KOVSKAYA, A. N.

Effect of gibberellic acid on ergot (*Claviceps purpurea* Tul.) in
saprophytic and parasitic cultures. *Fiziol.rast.* 8 no.3:358-360
'61. (MIRA 14:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i
aromaticheskikh rasteniy, Moskva.
(Gibberellic acid) (Ergot)

OSTROVSKIY, N.I.; SHALAGINA, A.I.; BAN'KOVSKAYA, A.N.

Ability of various strains of *Claviceps purpurea* Tul to
synthesize alkaloids in a saprophytic culture. Med. prom.
15 no.6:39-41 Je '61. (MIRA 15:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh
i aromaticeskikh rasteniy.

(ERGOT) ...
(ALKALOIDS)

SHNEYDER, Yu.I., kand. biolog. nauk; SHALAGINA, A.I., kand. biolog. nauk

Bacteriosis of kidney beans. Zashch. rast. ot vred. i bol. 9
no.2:33-34 '64. (MIRA 17:6)

1. Institut kartofel'nogo khozyaystva, Malakhovka.

L 23123-66 EWT(1)/EWT(m)/T RM/JK

ACC NR: AP5026337

SOURCE CODE: UR/0220/65/034/005/0901/0904

AUTHOR: Shalagina, A. I.; Ostrovskiy, N. I.; Ban'kovskaya, A. N.; Bankovskiy, A. I. 38
B

ORG: All Union Scientific Reserch Institute of Medicinal and Aromatic Plants (Vsesoyuznyy nauchno-issledovatel'skiy institut lekarstvennykh i aromatischeskikh rasteniy)

TITLE: Production of classical ergot alkaloids in saprophytic Claviceps purpurea Tul. cultures 6

SOURCE: Mikrobiologiya, v. 34, no. 5, 1965, 901-904

TOPIC TAGS: alkaloid, biosynthesis

ABSTRACT: The composition of alkaloids produced by 70 active strains of *C. purpurea Tul.* grown under saprophytic conditions was investigated. Polypeptide ergot alkaloids and minute amounts of water-soluble clavine type alkaloids were found. The sum total of alkaloids isolated from the mycelium amounted to 0.03% of the mycelium dry weight. Ergot mine constituted about 80% of the alkaloid content. It was obtained in pure form and identified. Ergocryptine was found in most of the samples. Ergocornine, ergocristine, ergometrine and dextroretatory alkaloids of

Card 1/2

UDC: 582.28.--119.2:547.94 2

L 23123-66

ACC NR: AP5026337

of the ergotoxine group were produced by some of the strains. Orig.
art. has: 3 tables.

SUB CODE: 06 / SUBM DATE: 10May64/ SOV REF: 002/ OTH REF: 008

Card 2/2 BLG

SHALAGINA, I.

BUZI, Pol' [Bouzy, Paule]; SHALAGINA, I. [translator]

What we've gained from Michurin's teaching. Agrobiologia no.2:
135-140 Mr-~~Ap~~ '57. (MLRA 10:5)

1.Chlen frantsuzskogo "Obshchestva družey Michurina". (for Buzi)
(France--Stock and stockbreeding)

SHALAGINA, T. L.

SHALAGINA, T. L. "Changes in the Nervous System in Rheumatic Infection." Leningrad State Order of Lenin Inst for the Advanced Training of Physicians imeni S. M. Kirov. Leningrad, 1956. (Dissertation for the Degree of Candidate in Medical Science)

So: Knizhnaya letopis', No. 19, 1956.

ZNOYKO, Z.V.; SHALAGINA, T.L.

Malignant pinealomas metastasizing into the cerebral meninges.
Zhur. nevr. i psikh. 61 no.11:1650-1654 '61. (MIRA 15:2)

1. Kafedra nervnykh bolezney (zav. - prof. S.N.Davidenkov [deceased])
Leningradskogo ordena Lenina instituta usovershenstvovaniya vrachey
imeni S.M.Kirova.
(MENINGES_CANCER) (PINEAL BODY_CANCER)