

Begin

499

SHABALKIN, A. D.

SHABALKIN, A.D.

New method for changing tank bottoms. Mash. i neft. obr. no.4:
14-16 '63. (MIRA 17:8)

1. Novokuybyshevskiy neftepererabatyvayushchiy zavod.

SHABALKIN, A.D.

Improving the floating head of a shell-and-tube heat exchanger.
Mash. i neft. obor. no.5:26 '64. (MIRA 17:6)

1. Novokuybyshevskiy neftepererabatyvayushchiy zavod.

SOLOV'YEV, G.M., kand. med. nauk.; SHABALKIN, B.V.

Pulmonary hypertension in mitral stenosis. *Khirurgia* 34 no.3:39-46
Mr. '58. (MIRA 12:1)

1. Iz gosspital'noy khirurgicheskoy kliniki (dir. - deystvitel'nyy chlen
AMN SSSR zasluzhennyy deyatel' nauki prof. B.V. Petrovskiy) i Moskovskogo
ordena Lenina meditsinskogo instituta im. I.M. Sechenova (dir. - prof.
V.V. Kovanov).

(MITRAL VALVES--DISEASES

pulm, hypertension (Rus))

(HYPERTENSION

pulm, in mitral stenosis (Rus)

MR. MEN, B.V.

Public complications in natural sciences. *Khronika* no. 1
1983. (1983)

1. In refuting scientific achievements. *Deposited in* *U.S.S.R.*
Prof. B.V. *Khronika* Moscow. *Khronika* with a credit-
savings institute. *Khronika* *Khronika*.

IL'INA, N.A.; LEBEDEVA, R.N.; ROKHMAN, D.Ye.; SHABALKIN, B.V.

Treatment and prophylaxis of neurological complications in some
operations on the heart. Trudy 1-go MMI 24:30-37 '63

(MIRA17:3)

PETROVSKIY, B.V.; SOLOV'YEV, G.M.; SHUMAKOV, V.I.; BUNYATYAN, A.A.;
KHODAS, M.Ya.; SHABALIN, B.V.; RYSHKIN, V.S.; PYATNITSKAYA, G.Kh.

Results of work with the apparatus of artificial blood circulation
of the Craford-Senning system. Trudy 1-go MMI 33:9-14 '64.
(MIRA 18:3)

GOLIKOV, V.P.; LYSENKO, A.M.; SHABALKIN, I.P.

Mutagenic and inactivating effect of high-frequency discharge of the Tesla transformer on bacteriophage ϕ_{80} in vitro. Genetika no.5:26-32 N 1965. (MIRA 19:1)

1. Institut virusologii AMN SSSR, Moskva i Kafedra genetiki Moskovskogo gosudarstvennogo universiteta. Submitted April 26, 1965.

ACCESSION NR: AP4034584

S/0076/64/038/004/0983/0985

AUTHORS: Vichutinskiy, A.A.; Prokof'yev, A.I.; Shabalkin, V.A.

TITLE: Application of the EPR method for investigation of free radicals formed by thermal decomposition of the dinitrile of α, α -azodisobutyric acid

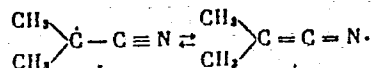
SOURCE: Zhurnal fizicheskoy khimii, v. 38, no. 4, 1964, 983-985

TOPIC TAGS: EPR method, azodisobutyronitrile, free radical formation, thermal decomposition, cyanoisopropyl radical, EPR spectrum, recombination constant, termination constant

ABSTRACT: The EPR spectrum of the cyanoisopropyl radical, formed by thermal decomposition of the dinitrile of α, α -azodisobutyric acid, was identified (fig. 1). It was found about 70% of the density of the unpaired electrons is on the tertiary carbon atom in the cyanoisopropyl radical and the remainder of the electron density is localized near the nitrogen atom, confirming the possibility of the existence of the radical in the mesomeric form:

Card 1/3

ACCESSION NR: AP4034584



The experiments were carried out on the radiospectrometer EPR-21KhP; the samples were heated to the required temperature in ampoules in the resonator by a hot air current. It was found possible to work with these unstable radical under nonstationary temperature conditions. The free radical concentration $[R]$ and initiation rate (w_i) were measured; the recombination constant k was calculated: $k(t) = w_i(t) / [R(t)]^2$. The termination constant is about 2×10^7 liter/mol. sec. Orig. art. has: 5 equations, 2 formulae and 2 figures.

ASSOCIATION: Akademii nauk SSSR (Academy of Sciences SSSR); Institut khimicheskoy fiziki (Institute of Chemical Physics)

SUBMITTED: 11 Apr63

ENCL: 01

SUB CODE: GC, GP

NR REF SOV: 001

OTHER: 002

Card 2/3

SHABALOV, A. V.

Bearings (Machinery)

Control method for actual consumption of metal. Podshipnik No. 2, 1953.

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

I. 20/20-00 EWP(w) EM

ACC NR: AR6006204

SOURCE CODE: UR/0124/65/000/010/v016/v016

AUTHOR: Shabalov, F.V.

ORG: none

TITLE: Some problems in the bending of a thin plate ²⁶

SOURCE: Ref. zh. Mekhanika, Abs. 10V129

REF SOURCE: Dokl. 3-1 Sibirsk. konferentsii po matem. i mekhan., 1964. Tomsk, Tomskiy un-t, 1964, 368-370

TOPIC TAGS: elastic deformation, elastic plate, static load test

TRANSLATION: The bending of a thin, elastic plate in the form of a curved rectangle [sic] ($r_1 \leq r \leq r_2$; $-\theta_0 \leq \theta \leq \theta_0$) under the effect of an ordinary transverse load $P(r, \theta)$ is discussed. Fastening at the curved edges is a matter of judgment; there is no transverse force or deflection angle along the straight edges. A general solution, satisfying the boundary conditions at the limits $\theta = \pm\theta_0$, is derived. To obtain a particular solution, the load function is expanded into a double trigonometric series. The arbitrary constants are determined from the boundary conditions at the curved edges. M.M. Kholmyanskiy.

SUB CODE: 20

Card 1/1

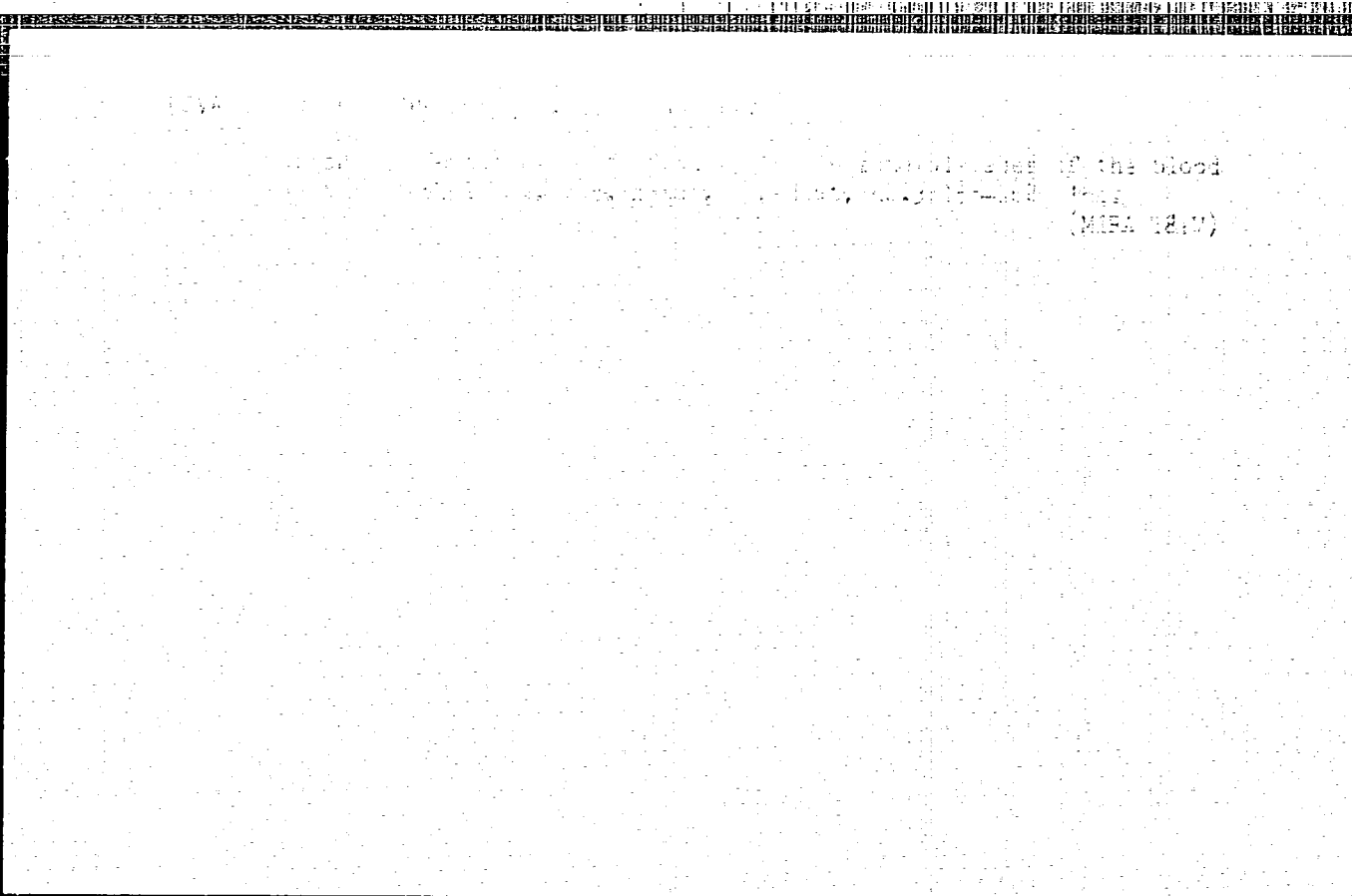
SHABALOV, I., mekhanik

Automatic compressor switch. Stroitel' 8 no.6:15 Je '62.

(MIRA 15:7)

(Compressed air)

(Painting, Industrial)



of the Wood
Page
(MIRA 18.11)

BRONCHENKO, I.V.; SHABINA, N.I.

Subcapsular rupture of the spleen in a newborn infant.

Vop. gemat. y pediat. no.3:168-166 '75.

(3430 18:7)

L 4978/4-06 EWT(1) IJE(c)

ACC NR: AP6029851

SOURCE CODE: UR70332/66/032/008/0933/0943

AUTHOR: Molln, Yu. N.; Chibrikin, V. M.; Shabalkin, V. A.; Shuvalov, V. E.

51
B

ORG: Institute of Chemical Physics, Academy of Sciences SSSR (Institut khimicheskoy fiziki Akademii nauk SSSR)

TITLE: Accuracy of measuring the concentration of paramagnetic entities by the EPR method

SOURCE: Zavodskaya laboratoriya, v. 32, no. 8, 1966, 933-943

TOPIC TAGS: EPR spectrometer, spin resonance, error measurement / EPR 2 spectrometer, RE 1301 spectrometer

ABSTRACT: The purpose of this investigation was to make a systematic study of the errors involved in the quantitative determination of the number of paramagnetic entities (atoms, radicals, ions, etc.) using the electron paramagnetic resonance method. The spectrometer operated at a wavelength of 3.2 cm with 1MHz modulation of the magnetic field. A cylindrical cavity (H_{011}) of diameter 45 mm and height 34 mm was used. Quantitative results were obtained by comparing the signal intensity of the unknown sample with that of a standard containing a known number of spins. Both signals were recorded as the first derivative of the absorption line. Errors connected with the preparation of a suitable standard of known paramagnetic spin concentration were minimized by

UDC: 538.113:543.42

Card 1/2

L 45737-00

ACC NR: AP6029851

0

direct weighing of the standard ($N = 10^{18}$ - 10^{19} spins) and the use of a calibrated voltage divider with the spectrometer. Under ideal conditions, the principal error is due to integration of the derivative signal. The maximum error was found to be 20-30% where the integration step in the graphical integration was much smaller than the line width and the "wings" of the signal were not neglected especially in the case of signals with Lorentzian shape. Distortion of the signal form by use of large modulation amplitudes which decrease the signal height will not affect the determination of intensity by integration. The quantitative measurements should be carried out at klystron powers low enough to prevent saturation of the EPR signal. Large errors (50-65%) will occur if the geometry of the unknown and standard differ greatly. For example, comparison of a line sample (34 mm) with a "point" standard will lead to an error of 50%. Orig. art. has: 9 figures, 2 tables, 25 formulas.

SUB CODE: 20/ SUBM DATE: none/ ORIG REF: 004/ OTH REF: 003/ATD PRESS: 5085

Card 2/2 p0

SHAPALOV, SERGEY MAKSIMOVICH

SHAPALOV, Sergey Maksimovich

SHAPALOV, Sergey Maksimovich (Moscow City Pedagogical Inst imeni Potemkin), Academic Degree of Doctor of Pedagogical Sciences, based on his defense, 17 June 1954, in the Council of the Sci Res Inst of Theory and History of Pedagogy of the Academy of Pedagogical Sciences RSFSR, of his dissertation entitled: "Polytechnic instruction in secondary schools". For the Academic Title of Doctor of Sciences.

SO: Byulleten' Ministerstva, Vysshego Obrazovaniya SSSR, List No 19, 24 Sept. 1955, Decision of Higher Certification Commission Concerning Academic Degrees and Titles.

SHABALOV, Sergey Maksimovich

[Political instruction and training of students for industrial activities] Politicheskoe obuchenie i podgotovka uchashchikhsia k proizvodstvennoi delatel'nosti; stenogramma publichnoi leksii. Moskva, Znanie, 1955.

(MLA 9:3)

(Technical education)

SHABALOV, Sergey Maksimovich, professor, doktor pedagogicheskikh nauk;
LYASNIKOV, I.A., redaktor; RIVES, Yu.Ye., redaktor; MISHCHENKO, A.I.,
tekhnicheskiy redaktor

[General technical training] Politekhnicheskoe obuchenie.
Moskva, Izd-vo Akad. pedagog. nauch RSFSR, 1956. 727 p. (MLRA 10:4)
(Technical education)

SHABALOV, S.M.

On coordination and connection of education with productive work. Politekh.obuch. no.12:7-12 D '59.

(MIRA 13:5)

1. Moskovskiy gorodskoy pedagogicheskiy institut.
(Technical education)

SHALIMOV, K.; SHABALOV, V.

We are working in a new way. Mast.ugl. 6 no.9:7-8 S '57. (MIRA 10:11)

1. Upravlyayushchiy trestom Leninugol' kombinata Voroshilovgradugol' (for Shalimov).
2. Nachal'nik tekhnicheskogo otdela (for Shabalov).
(Coal mines and mining)

SHABALOV, V.A., inzh.

Engineering personnel striving towards technical progress. Rech.
transp. 18 no.7:52 J1 '59. (MIRA 12:11)
(Inland water transportation—Employees)

GIBAZISOV, Sergey Aleksandrovich; SHABALOV, Vasilii Ivanc.ich;
KOLOBOV, Vladimir Dmitriyevich; PEKHO, Mikhail Il'ich;
BASKAKOV, Ye.D., red.; BELOVA, Z.D., red.izd-va;
MAKSAKOVA, A.M., red.izd-va; SHIBKOVA, R.Ye., tekhn. red.

[Handbook for the technologist in sawmilling] Spravochnik
tekhnologa po lesopileniiu. Moskva, Goslesbunizdat, 1963.
473 p. (Sawmills) (MIRA 16:12)

LYADSKIY, V.B.; SHABALOV, V.I.

Wear resistance of austenitic cast iron during sliding friction
with lubrication. Lit. proizv. no.12:30-31 D. '64.

(MIRA 18:3)

BYSTROV, A.V., inzh.; SHALIMOV, A.P., inzh.; SHABAN, A.K., inzh.

Making AN-8-type flux from AN-348A and AN-20 fluxes. Svar.
proizv. no.9:28 S '61. (MIRA 14:8)

1. Kuznetskiy metallurgicheskiy kombinat im. Stalina.
(Flux (Metallurgy))

POLZIK, P.V., inzh.; SHABAN, A.V inzh.

Automation of water pumping operations in reservoirs.
Energetik 11 no.7:13-14 J1 '63. (MIRA 16:8)

(Reservoirs--Electric equipment)
(Pumping machinery, Electric)

S/590/62/105/000/004/015
IO31/I242

AUTHORS: Trunin, I.I., Candidate of Technical Sciences,
and Shaban, G.A., Technician

TITLE: Tensile strength of heat-resistant steels under
complex stress conditions

SOURCE: Moscow. Tsentral'nyy nauchno-issledovatel'skiy
institut tekhnologii i mashinostroyeniya. Trudy,
v.105, 1962, 42-56 ✓

TEXT: There is no reliable method for designing power-plants
for service at elevated temperatures. Tensile
strength of steam superheater pipes made of perlitic steel 15 X 1M1Q
(15 Kh 1M1F) and austenitic steel 1X18H12T(1 kh18N12T) was investi-

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S/590/62/105/000/004/015
IO31/I242

Tensile strength of heat-resistant...

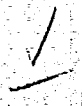
gated under combined tensile and torsional loads. Three sets of specimens were cut from pipes and heat-treated. Each set was tested under different stress conditions: simple tension, simple torsion and a combination of the two. During the rupture test, longitudinal and angular deformation were determined and plotted against time of rupture. The stresses were plotted against time of rupture on a log-log scale. Metallographic inspection revealed intergranular types of fracture, regardless of the kind of stress. If complex stresses are expressed by the half-sum of the total stress plus the greatest principal stress, the creep behavior in combined loading may be determined by a unidirectional tensile test. This conclusion is based on test results which follow the equation:

Card 2/3

S/590/62/105/000/004/015
I031/I242

Tensile strength of heat-resistant... $\theta_k = A \left(\frac{\sigma_1 + \sigma_2}{2} \right)^{-m}$

where: θ_k = time to rupture; σ_1 = greatest principal stress;
 σ_2 = total stress. [Abstracter's note: A and m not defined].
Propagation of fracture under creep conditions in complex state
of stresses is faster than under a unidirectional tension load.
There are 7 figures and 5 tables.



Card 3/3

S/590/62/105/000/011/015
I031/I242

AUTHORS: Trunin, I.I., Candidate of Technical Sciences
and Shaban, G.A., Technician

TITLE: Effect of preliminary deformation on the heat-
resistance of pipe steel

SOURCE: Moscow. Tsentral'nyy nauchno-issledovatel'skiy
institut tekhnologii i mashinostroyeniya. Trudy.
v.105, 1962, 144-164

TEXT: The effect of cold work on creep is determined by
the mechanical strengthening resulting from cold plastic deforma-
tion and the residual stresses induced during preliminary deforma-
tion. This investigation was intended to evaluate the effect

Card 1/2

S/590/62/105/000/011/015
IO31/I242

Effect of preliminary deformation...

of non-uniform cold plastic deformation on the creep resistance of perlitic steel 15x 1M 10 (15Kh 1M 1F) and austenitic steels: 3M 694 (EI 694), 3M 695 (EI 695), and 3M 17 (EP17) used in pipe manufacture. The experiments were carried out with untreated specimens; specimens deformed by 15% twisting; specimens deformed by 50% twisting; followed by heat-aging for 3000 hrs at 610°C (EI 694) or 660°C (EI 695). As a result of preliminary deformation both austenitic and perlitic steels became brittle under long-term stresses. Deformation of 10% and above, at 20°C, had detrimental effect on heat-resistant properties of both steels. In order to recover the initial properties, heat treatment of the parts subjected to cold deformation is recommended. There are 5 figures and 6 tables.

Card 2/2

SHTERNBERG, A.L., kand.med.nauk; SHABAN, I.V.

Diagnostic problems in aortic stenosis. Kardiologiya 2 no.5:38-42 S-O '62. (MIRA 15:12)

1. Iz klinicheskogo sanatoriya imeni V.I.Lenina i kafedry terapii i bol'neologii (zav. - prof. V.Ye.Nezlin) Tsentral'nogo instituta usovershenstvovaniya vrachey na Kavkazskikh Mineral'nykh Vodakh.

(AORTIC VALVE--DISEASES) (HEART--SOUNDS)

SHABAN, TS.V., inzh.

Semiautomatic electric arc welding with combined protection
for the joint metal. Sudostroenie 24 no.11:61-62 N '58.

(MIRA 12:1)

(Electric welding)

KIPNIS, Izrail' Sanovich; SHABAN, Tsezariy Vladimirovich; KUDIKINA, Ye.,
red.; GUTMAN, A., tekhn. red.

[Modern methods of build-up welding in ship repairs] Sovremen-
nye sposoby naplavki v sudoremonte. Kaliningrad, Kaliningrad-
skoe knizhnoe izd-vo, 1962. 47 p. (MIRA 15:11)

1. Tsentral'naya svarochnaya laboratoriya Kaliningradskogo
sovmarkhoza (for Kipnis, Shaban).
(Ships--Maintenance and repair)

SHABANAVICHYUS, B.A., Cand Agr Sci -- (diss) "Cultivation
of winter ^{crop} ~~vegetables~~ without ^{use} ~~application~~ of pure va: or."

Kaunas, 1958, 20 pp (Min of Agr USSR. Lithuanian Agr Acad)

130 copies (KL, 29-58, 135)

ACC NR: AP7000310 (N) SOURCE CODE: UR/0413/66/000/022/0010/0310

AUTHOR: ogly Melik-Aslanov, Kn. S.; Shabanbekov, Z. M.; ogly Muradkhanov, G. A. S.;
ogly Samedov, A. A. A.

ORG: None

TITLE: A base for drilling wells at sea. Class 5, No. 188414

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 22, 1966, 10

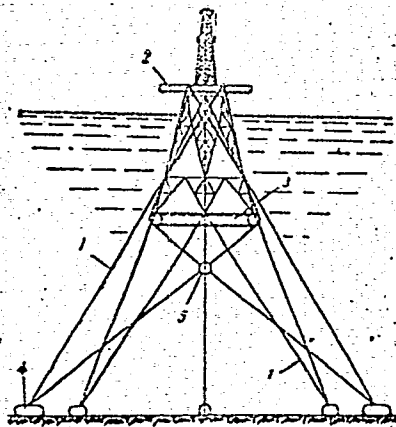
TOPIC TAGS: well drilling, machinery, marine equipment

ABSTRACT: This Author's Certificate introduces: 1. A base for drilling wells at sea. The installation is a working platform with a superstructure resting on a pontoon submerged at a level where it is not affected by waves and fastened to the sea bottom by flexible supports with anchors. Stability is improved by making the flexible supports in the form of a system of cables fastened to the working platform and pontoon. The cables which pass over the pontoon and those which go from the working platform to the anchors form triangles in the vertical plane, while those going from the pontoon to the anchors form triangles in the projection on the horizontal plane. 2. A modification of this base in which a ball catch is used for fixing the cables at the point where they intersect.

Card 1/2

UDC: 621.242.3.002,54:624.15

ACC NR: AP7000310



1--cables; 2--working platform; 3--pontoon; 4--anchor; 5--catch

SUB CODE: 13, 08/ SUBM DATE: 28May63

Card 2/2

SHABANEKOV, Z. M.

SHABANEKOV, Z. M. -- "Prestressed Stone Beams -- Flooring on the Base of Baku Limestone Shell "ock." Cand Tech Sci, Tbilisi Inst of Railroad Transport, Tbilisi 1953. (Referativnyy Zhurnal--Mekhanika, Jan 54)

SO: SUM 168, 22 July 1954

GORSHKOV, V.I.; SHABANOV, A.A.; PANCHENKO, G.M.

Electrochromatographic separation on a cation exchanger. Zhur.
fiz. khim. 34 no. 11:2530-2533 N '60. (MIRA 14:1)

1. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova.
(Base-exchanging compounds) (Chromatographic analysis)
(Electrophoresis)

SHABANOV, A.A.; GORSHKOV, V.I.; PANCHENKOV, G.M.

Electrochromatographic separation on a cation exchanger.
Part 2: Rates of motion of the zones. Zhur.fiz.khim. 36
no.8:1695-1697 Ag '62. (MIRA 15:8)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova kafedra
fizicheskoy khimii.
(Chromatographic analysis) (Electrophoresis) (Ion exchange)

SHABANOV, A.A.; GORSHKOV, V.I.; PANCHENKOV, G.M.

Electric conductivity of the sulfonate-cation exchanger SDV-3 in
water-alcohol and water-acetone solutions. Zhur.fiz.khim. 36
no.10:2148-2152 0 '62. (MIRA 17:4)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

SHABANOV, A.A.; ZAIKIN, A.N.; GORSHKOV, V.I.

Zone indication in ion exchange chromatography from the change
in conductance of the cation exchanger layer. Zhur. fiz. khim.
37 no.6:1415-1417 Je '63. (MIRA 16:7)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.
(Chromatographic analysis)
(Ion exchange)

L 61047-65 EWT(m)/EMG(m)/EWP(t)/EWP(b) LIP(c) DS/JD/GS/RM
ACCESSION NR: AT5014246 UR/0000/65/000/000/0063/0066

AUTHORS: Shabanov, A. A.; Gorshkov, V. I.; Panchenkov, G. M.; Makarov, An. V. ³²

TITLE: Separation of sodium and lithium ions in a cation exchange resin by the method of electrochromatographic displacement

SOURCE: AN SSSR. Institut fizicheskoy khimii. Ionoobmennaya tekhnologiya (Ion exchange technology). Moscow, Izd-vo Nauka, 1965, 63-66

TOPIC TAGS: ion exchanger, ion exchange, ion exchange resin, sodium ion, lithium ion, chromatography/ Dowex 50 cation exchange resin

ABSTRACT: The purpose of the investigation was to determine optimum condition for the separation of Na and Li by the method of electrochromatographic displacement. The experimental procedure was similar to that of K. S. Spiegler and C. D. Coryell (J. phys. chem., 56, 106, 1952). The displacement of the Na⁺ and Li⁺ zones was carried out in NH₄ solution, whereas the elution was conducted in a cation exchanger saturated with Cd⁺⁺. The cation exchange resin used was Dowex-50, 200 mesh in 8% divinylbenzene. The experimental results are shown graphically (see Fig. 1 on the Enclosure). It is concluded that for best results the ions must be

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L 61047-65

ACCESSION NR: AT5014246

selected such that the slowest ions bear the greatest similarity to the ions of the cation exchange resin. Orig. art. has: 1 table and 5 graphs.

ASSOCIATION: none

SUBMITTED: 26Feb65

ENCL: 01

SUB CODE: IC, GC

NO REF SOV: 003

OTHER: 002

Card 2/3

L 61047-65
ACCESSION NR: AT5014246

ENCLOSURE: 01

Concentration in milligram equivalent, per ml = mg-eq./ml

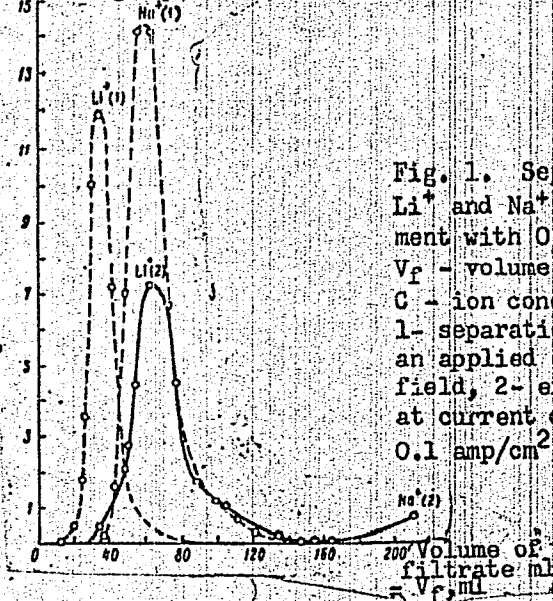


Fig. 1. Separation of Li⁺ and Na⁺ by displacement with 0:2N NH₄Cl. V_f - volume of filtrate. C - ion concentration. 1- separation without an applied electric field, 2- experiment at current density 0.1 amp/cm²

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Card 3/3

NAURETS, Nikolay Ivanovich, ispolnyayushchiy obyazannosti prof.
kand. tekhn. nauk; ZHIRKOVICH, Sergey Vladimirovich,
ispolnyayushchiy obyazannosti prof. kand. tekhn. nauk;
ABAYEV, I.I., inzh.; PERCHENKO, A.G., st. pepod.;
SHABANOV, A.D., dots., kand. tekhn. nauk, retsenzent;
YUSTINSKIY, E.A., inzh., retsenzent; ANTONOV, V.P.,
tekhn. red.

[Hoisting machinery used in building] Gruzopod'emnye
stroitel'nye mashiny. 2-ia chast' posobiia po kursu
stroitel'nykh mashin. Kuibyshev, Kuibyshevskii inzhe-
nerno-stroite. in-t, 1962. 416 p. (MIRA 17:2)

SHABANOV, A. I., kand. tekhn. nauk

Map compilation using rectifying techniques. Geod. i kart. no. 1:56-64
Ja '58. (MIRA 11:4)
(Cartometry)

KUCHEROV, V.F.; SHABANOV, A.L.; ONISHCHENKO, A.S.

Stereochemistry of cyclic compounds. Report No.53: Stereochemistry of lactonization of 4,5-dibromocyclohexane-cis-1,2-dicarboxylic acid and its monoester. Izv.AN SSSR Otd.khim.nauk no.5:844-852 My '63. (MIRA 16:8)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR. (Cyclohexanedicarboxylic acid) (Stereochemistry)

ONISHCHENKO, A.S.; SHABANOV, A.L.; KUCHEROV, V.F.

Stereochemistry of cyclic compounds. Report No.54: Stereochemistry of hypobromous acid addition to sodium salts of cis- Δ^4 -cyclohexene-1,2-dicarboxylic acid and its monoester. Izv.AN SSSR Otd.khim.nauk no.5:852-856 My '63. (MIRA 16:8)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR. (Cyclohexenedicarboxylic acid) (Hypobromous acid) (Stereochemistry)

SHABANOV, A.L.; ONISHCHENKO, A.S.; KUCHEROV, V.F.

Stereochemistry of cyclic compounds. Report No.62: Stereochemistry of oxidation of 4-methyl- Δ^4 -cyclohexene-1,2-dicarboxylic acid anhydride. Izv. AN SSSR Ser.khim. no.10:1790-1795 0 '63. (MIRA 17:3)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.

SHABANOV, A.L.; ONISHCHENKO, A.S.; KUCHEROV, V.F.

Stereochemistry of cyclic compounds. Report No.63: Stereochemistry of bromination of 4-methyl- Δ^4 -cis-cyclohexene-1,2-dicarboxylic acid and its anhydride. Izv. AN SSSR Ser.khim. no.10:1795-1801 0 63. (MIRA 17:3)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.

L 16992-66 ZNY(3)/ZNY(10)/T (c) RK/WW
ACC NR: AFG027273 (A)

SOURCE CODE: UR/0191/66/000/008/0012/0015 4

AUTHOR: Akhmedzade, D. A.; Yasnopol'skiy, V. D.; Govorkova, Ye. N.; Magerramova, A.D.;
Mamodova, D. A.; Aslanova, A. A.; Shabanov, A. L.; Kerimova, M.M.

ORG: none

TITLE: Organophosphorus stabilizers for polypropylene 15 15 40 B

SOURCE: Plasticheskiye massy, no. 8, 1966, 12-15

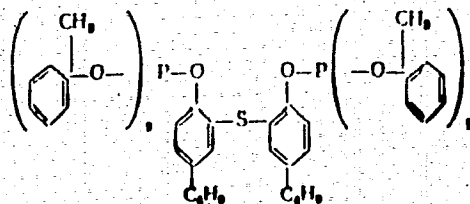
TOPIC TAGS: organic phosphorus compound, polypropylene plastic, chemical stabilizer

ABSTRACT: Thirteen different organophosphorus compounds were synthesized and tested as stabilizers of thermal and light aging of polypropylene. All were found to be better as thermostabilizers, except one, which was also effective against light aging. Analysis of the data from the standpoint of the structure of the compounds tested indicates that organophosphorus stabilizers for polypropylene should be prepared from alkyl phenols rather than esters of salicylic acid. Because of natural aging in air after the action of the stabilizer has ceased, the mechanical strength of polypropylene decreases; in this connection, the effect of the same stabilizers on secondary polypropylene was studied, and a slight diminution of the effectiveness of the stabilizer was observed. It is shown that by suitably selecting the stabilizer and its concentration, one can effectively improve the aging properties of secondary polypropylene. The organophosphorus compounds act not only as stabilizers, but in some cases also promote

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ACC NR: AF6027273

cross-linking in the polymer. The most effective stabilizer has the formula



Orig. art. has: 2 tables.

SUB CODE: 07,11/ SUBM DATE: none/ ORIG REF: 002

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Med.paraz.i p raz.bol. 29 no.4&421=426 JI-Ag '60. (MIRA 13:11)

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sibirskogo meditsinskogo instituta (dir. -- prof. G.D. Zaleskiy)
(LIVER)---HYDATIDS (ANTISEPTICS)

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137-58-6-11844

Translation from Referativnyy zhurnal, Metallurgiya, 1958, Nr 7 p.94 (USSR)

AUTHOR Shabanov, A.N.

TITLE Continuous Casting of Steel (Nepreryvnaya razlivka stali)

PERIODICAL Tr. Nauchno-tekhn. o-va chernoy metallurgii, 1957, Vol 18, pp 91-94

ABSTRACT The major characteristics and special features of continuous-steel-casting equipment (E) developed and undergoing development for a number of plants by Stal' proyekt and other design organizations, with the participation of the TsNIICher-Met, are presented. The E under design are for casting killed and rimmed carbon steel and, in part, for special steels from 35-140-t ladles, to make billets ranging from 120x120 to 300x1200 mm in size. Examination of the features of the E under design reveals the following, in particular: 1) In accordance with the given permissible rates of withdrawal (from 0.4 to 2.0 m/min), medium-capacity ladles can only be used to cast metal into a limited number of machine sections (MS) simultaneously. The number of MS required per E ranges from

Card 1/2 2 to 8 for the ladle capacities and billet cross-section sizes

137-58-6-11344

Continuous Casting of Steel

indicated above. 2) Two or three multi-section machines are needed in shops with large numbers of furnaces because of the possibility that several taps may be made at the same time. 3) The large horizontal dimensions of E with large numbers of MS makes it difficult to fit them into existing shops. 4) The casting rates practically possible are from 6 to 35 t/hr per MS (depending upon the cross section and shape of the billets). The process equipment for E is being standardized to suit the sectional dimensions and the weight of the billets to be produced. In designing E, mechanization of assembly and disassembly and of accessory plant is provided, as is automatic, remote-controlled stopper operation, use of television for observation of inaccessible points, etc. A new design solution is presented for removal of long billet sections.

I.G.

1. Steel--Casting 2. Steel--Processing 3. Industrial plants--Equipment

Card 2/2

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PA 51T48

USSR/Medicine - Medicine, Preventive
Medicine - Public Health

Mar 1948

"Most Important Measure in Improving the Quality of Preventive Medical Care," A. N. Shabanov, Vice-minister of Public Health USSR, 3 pp

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Unification of hospitals and polyclinics operated by organizations of Ministry of Health in conformance with Ministry's Order No 431, 24 Oct 1947, considered most important measure in improving quality of treatment given the public. Discusses problems of improvement.

51T48

GIRGOLAV, S.S., professor (Leningrad); LEVIT, V.S., professor (Moskva);
BABCHIN, I.S., professor (Leningrad); BAKULEV, A.N., professor
(Moskva); BEKKERMAN, L.S., dotsent (Leningrad); VAYNSHTEYN, V.G.,
professor (Leningrad); GERTSBERG, V.G., professor (Kazan');
GINZBERG, M.M., professor (Moskva) [deceased]; GOTLIB, Ya.G.,
professor (Moskva); DZHANELIDZE, Yu.Yu., professor (Leningrad);
DRACHINSKAYA, Ye.S., dotsent (Leningrad); YELANSKIY, N.N., professor
(Leningrad); KORNEV, P.G., professor (Leningrad); KOCHMERGIN, I.G.,
professor (Moskva); LIMBERG, A.A., professor (Leningrad); LINBERG,
B.E., professor (Moskva); MEZENEV, S.A., dotsent (Leningrad);
NAZAROV, V.M., professor (Leningrad); OZEROV, A.D., professor (Lening-
grad) [deceased]; OSTEN-SAKEN, B.Yu., professor (Leningrad) [deceased];
PETROV, N.N., professor (Leningrad); POLONOV, A.L., professor (Lening-
grad); SAMARIN, N.P., professor (Leningrad); SHVARTS, N.V., professor
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USSR/Medicine - Medical Administration Nov/Dec 48
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"To the Ministers of Health of the USSR and the Autonomous Republics Directing Oblast, Krai, and Rayon Health Departments," A. Shabanov, Dep Min of Pub Health USSR, 2 pp

"Vest Venerol i Dermatol" No 6

Some medical districts are not paying sufficient attention to venereal disease: Altay Krai, Iyomovskaya Oblast, and Kirovskaya Oblast. Others (Bostov, Gor'kiy, Stalingrad, Kharkov, and Kiev Oblasts) are treating a great number of patients.

60/49782

USSR/Medicine - Medical Administration Nov/Dec 48
(Contd)

The Iykovskiy Venereal Dispensary, Gor'kiy Oblast and others are not well organized. Suggests measures for improvement.

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60/49782

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PA 15/49798

USSR/Medicine - Public Health Jul 48
Medicine - Public Health, History

"Thirty Years of Soviet Public Health," A. N.
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Reviews development of Soviet Public Health from
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H. BANOY, Aleksandr Nikolayevich, 1904-jt. ed.

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58/49780

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USSR/Medicine - Public Health Jan 49
Medicine - Hospitals, Administration

"Results of Unification of Hospitals and
Polyclinics and Further Problems in the
Improvement of Health Service for the Popu-
lation," A. N. Shabanov, Dep Min of Health
USSR, 6 pp

"Sov Med" No 1

Reviews annual progress made by public health
organs on unification of hospitals and poly-
clinics as reported by the Plenum, Soviet of
Min of Pub Health USSR, in 1948. Comments on
complete reorganization of medicoprophylectic
58/49780

USSR/Medicine - Public Health Jan 49
(Contd)

work in USSR, mentioning great successes
and improvements: increase (14 times) in
ambulatory-polyclinical organizations, nine-
fold increase in number of physicians over
1913, etc. Nevertheless, the main problem has
yet to be solved, namely, to secure qualified
medical service for urban and rural residents.

58/49780

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"Lumbar Sympathectomy for Treating Endarteritis Obliterans," Khirurgiya, No.9,

1949 - pp. 57-64

USSR/Medicine - Neurology

Public Health

Jan/Feb 49

"The State of Psychoneurological Aid and Measures for Its Improvement," A. N. Shabanov, Deputy Min of Pub Health USSR, 10 pp

"Nevropatol i Psikhiat" Vol XVIII, No 1

Discusses Soviet achievements and deficiencies. Among cited statistics, in 1941 there were 2,665 neuropathologists; in 1948, 3,250. Despite World War II the number of psychoses, on the increase in capitalist countries, has decreased. However, many hospitals were destroyed in the war; many

149T66

USSR/Medicine - Neurology (Contd)

Jan/Feb 49

Localities have no facilities and work in others is poor. Trained personnel, widespread medical knowledge, and materialistic ideas are needed.

149T66

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"Conference of the Active Workers of Public Health of the RSFSR," Sov. Zdrav.,
No. 4, 1950

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Rehabilitation of invalids of World War II. Sovet. med. No. 5,
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(Dissertation for the Degree of Candidate in Medical Sciences).

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1. Deputy Minister of Public Health USSR.

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A. N. SHABANOV

SOURCE: [REDACTED] A-46013 (Official Publication) Unclassified.

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etiol. & surg.)

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Probl. endok. i gorm. 2 no.1:99-102 Ja-F '56. (MIRA 9:10)

L. Iz Moskovskoy gorodskoy klinicheskoy ordena Lenina bol'nitsy
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ARUTYUNOV, V.Ya., prof.; BERKOVICH, I.M., doktor med.nauk; BUNIN, K.V., prof.
VHLIKORETSKIY, A.N., prof.; GAMBURG, R.L., doktor med.nauk; GLASKO,
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KVATER, Ye.I., prof.; KOLEN'KO, A.B., prof.; KOSSYURA, M.B., kand.
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