BOYTSOV, V.V.

Role of standardization in the improvement of production quality and development of the national economy. Standartizatsiia 28 no.10:6-16 O '64. (MIRA 17:12)

1. Predsedatel' Gosudarstvennogo komiteta standartov, mer i izmeritel'nykh priborov SSSR.

L 10308-66 EWT(d)/EWP(v)/T/EWP(k)/EWP(h)/EWP(1)/ETC(m) WW

ACC NR: AP5025452 SOURCE CODE: UR/0028/65/000/006/0001/0004

AUTHOR: Boytsov, V. V. (Chairman)

ORG: State Committee of Standards, Measures and Measuring Apparatus of the SSSR (Gosudarstvennyy komitet standartov, mer i izmeritel'nykh priborov SSSR)

TITLE: Assembly and standardization in machinery construction

SOURCE: Standardizatsiya, no. 6, 1965, 1-4

TOPIC TAGS: machinery construction, automation, machine industry/ K 52 crane, DEK 51 crane

ABSTRACT: The need for improved standardization of basic subcomponents to make them interchangeable in machines of different function is discussed qualitatively. Standardization of subcomponents permits building-block type of synthesis of automated assembly lines for different purposes, permits easy changing of assembly lines, and results in savings of design and labor. Although standardization is considered beneficial in any branch of industry, the present article particularly encourages standardization in machinery and assembly line design and in the

Card 1/2

L 10308-66
ACC NR: AP5025452

construction of common utility and service machinery such as cars, trucks, agricultural machinery, etc. It is considered deplorable, for example, that automative cranes K-52 and DEK-51 (which are designed for the same function and capacity) have no interchangeable components. An appeal is made that all committees and organizations concerned with machinery design and construction make a concerted effort during the 1965-1968 period to standardize components and to make them as interchangeable and compatible as possible. Other branches of modern industry such as computer, automatic control, chemical processing, etc. are urged to do the same.

SUB CODE: 13/ SUBM DATE: none

Card 2/2

BOYTSOV, V.V.

Expansion of international standardization. Standartizatsiia 29 no.4:25-30 Ap '65. (MIRA 18:7)

1. Predsedatel' Gosudarstvennogo komiteta standartov, mer i izmeritel'nykh priborov SSSR.

BOYTSOV, V.V.

Standards and quality. Stantartizatsiia 29 no.11:1-3 N '65
(MIRA 19:1)

1. Predsedatel' Gosudarstvennogo komiteta standartov, mer i izmeritel'nykh priborov SSSR.

L 31229-66
ACC NR: AP6022833 SOURCE CODE: UR/0089/66/020/001/0046/0050

AUTHOR: Boytsov, V. Ye.

33
B

ORG: none

TITLE: Pitchblende and selenides of hydrothermal uranium deposits

SOURCE: Atomnaya energiya, v. 20, no. 1, 1966, 46-50

TOPIC TAGS: pitchblende, selenide, uranium, mineralogy, geochemistry

ABSTRACT: The association of pitchblende and selenides was shown, the sequence for the formation of the minerals was established, and the basic paragenesis of the association was determined. The interchange of the mineral composition of the paragenetic association made it possible to draw some conclusions on the geochemical conditions for the formation of the uranium series and the selenides. Orig. art. has: 8 figures. [NA]

SUB CODE: 08, 11, / SUBM DATE: 13Mar65 / ORIG REF: 003 / OTH REF: 002

Card 1/1 BLG

UDC: 553.495
0915 0817

L 54711-65 EWT(m)/EPF(n)-2/EWP(t)/EWP(b) Pu-4 IJP(c) JD/WW/JG
ACCESSION NR: AP5018134 UR/0089/65/018/004/0373/0378

AUTHOR: Boytsov, V. Ye.; Kaykova, T. N

TITLE: Uranium and arsenic in hydrothermal processes

SOURCE: Atomnaya energiya, v. 18, no. 4, 1965, 373-378

TOPIC TAGS: uranium, arsenic, structural geology, pitchblende, mineralogy

ABSTRACT: A brief description is given of geological structure of hydrothermal uranium deposits and the mineral composition of the ores. The deposits are of sulfide-uranium type and show the evidence of multistage processes of mineralization. The singular characteristic of the ore is the presence of large amounts of a native arsenic which together with pitchblende forms paragenetic association. The analysis of mineralogical ore content and uniformity of the formation of paragenis indicated a high-concentration of arsenic in hydrothermal solutions from which pitchblende was deposited at low temperatures close to the surface. Orig. art. has: 4 tables, 2 figures.

ASSOCIATION: none

SUBMITTED: 30May64 ENCL: 00 SUB CODE: ES, IC
NR REF SOV: 003 OTHER: 000 NA

Card 1/1

BOITSOV, YE. I.

Bot, K. A. Opyt novatorov-parketchikov P. K. Tochilkina i E. I. Boitsov / Experience of innovator parquet-workers P. K. Tochilkin and E. I. Boitsov /. Leningrad. 1953. 32 p.

SO: Monthly List of Russian Accessions, Vol. 6 No. 12 March 1954.

BOYTSOV, Ye.N.; FINKEL'SHTEYN, A.I.; PETUKHOV, V.A.

Dependence of vacuum ultraviolet spectra of s-triazine derivatives on their molecular structure. Opt.i spektr. 13 no.2:274-276 Ag '62. (MIRA 15:11)
(Triazine--Spectra)

BOYTSOV, Ye.N.; FINKEL'SHTEYN, A.I.

Production of mono- and diamides of cyameluric acid. Zhur. ob. khim. 32 no.1:321-322 Ja '62. (MIRA 15:2)
(Cyameluric acid)

BOYTSOV, Ye.N.; FINKEL'SHTEYN, A.I.

Spectrophotometric method for the analysis of melamine and the products of its hydrolysis: ammeline, ammelide, and cyanuric acid. Zhur.anal.khim. 17 no.6:748-750 S '62. (MIRA 16:1)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut azotnoy promyshlennosti i produktov organicheskogo sinteza, Moskva.
(Melamine--Spectra) (Ammeline--Spectra) (Ammelide--Spectra)
(Cyanuric acid--Spectra)

FINKEL'SHTEYN, A.I.; BOYTSOV, Ye.N.

Molecular structure of s-triazine and its derivatives. Usp. khim. 31 no.12:1496-1510 D '62. (MIRA 16:2)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut azotnoy promyshlennosti i produktov organicheskogo sinteza, Dzerzhinskiy filial.
(Triazine) (Chemical structure)

BOYTSOV, Ye.N.; FINKEL'SHTEYN, A.I.

Structure of molecules and ions of aminoxy derivatives of symm.-heptazine (cyameluric acid amides). Zhur.ob.khim. 32 no.10:3403-3406 O '62. (MIRA 15:11)
(Cyameluric acid)

FINKEL'SHTEYN, A.I.; BOYTSOV, Ye.N.; MUSHKIN, Yu.I.

Spectrophotometric method of analysis of multicomponent mixtures by absorption in the ultraviolet. Zav. lab. 30 no.1: 44-45 '64. (MIRA 17:9)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut azotnoy promyshlennosti i produktov organicheskogo sinteza.

SIDEL'KOVSKIY, L.N.; kand. tekhn. nauk; SHCHEVELEV, V.N., inzh.;
BOYTSOV, Yu.M., inzh.

Study of temperature fields and heat currents in a cyclone chamber. Prom. energ. 21 no. 1:44-48 Ja '66 (MIRA 19:1)

L 18109-63 EWP(q)/EWT(m)/BDS AFFTC/ASD JD
ACCESSION NR: AP3004107 S/0070/63/008/004/0684/0686 58

AUTHORS: Andriashin, V. K.; Boytsov, Yu. P.; Baltushkina, N. V.; Mitrofanov, V.V.

TITLE: Growth of fine layers of Ge on Ge seed crystals by the "closed-tube" method (p-type Ge) 19 17 16

SOURCE: Kristallografiya, v. 8, no. 4, 1963, 684-686

TOPIC TAGS: seed crystal, closed tube, Ge, specific resistance, I, cube, octahedron, parasitic crystal

ABSTRACT: The authors used the closed-tube method described by J. Marinace (Illinois Biol. Monogr. J., 7, 248-255, 1960) to obtain "epitaxial films" of Ge. The seed crystals were plates of p-type Ge with specific resistance of 0.001 ohm/cm. They were about 500 μ thick and 10-20 mm in diameter and were cut parallel to the (111) and (001) faces. Before being placed in the tube, they were etched in SR-4, washed in distilled water, and dried. The tube was filled with iodine. After growth of the Ge, the seed crystal with its layer of Ge was examined morphologically, after which a thin section was made, and a plate cut for measurements of electrical-physical properties. The studies showed the

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ACCESSION NR: AP3004107

seed crystal to be covered with simple cubic and octahedral forms. The rate of growth in the [111] direction proved to be 2.5 times that along [001], being approximately 10 μ/hr in the first direction, 4 μ/hr in the second. This rate depends on amount of I in the tube, orientation of the seed crystal, surface area of the Ge source, temperature of the zone, position in the tube, appearance of parasitic crystals, and some other factors, but the relative importance of these was not studied. Orig. art. has: 5 figures.

ASSOCIATION: none

SUBMITTED: 13Aug62 DATE ACQ: 15Aug63 ENCL: 00

SUB CODE: PH NO REF SOV: 000 OTHER: 002

Card 2/2

ANDRIASHIN, V.K.; BOYTSOV, Yu.P.; BALTUSHKINA, N.V.; NITROFANOV, V.V.

Growth of thin germanium films on germanium seed crystals using the "closed tube" method. Kristallografiia 8 no.4:684-686 Jl-Ag '63. (MIRA 16:9)
(Germanium crystals—Growth)

BOYTSOVA, A. A.

AID P - 3643

Subject : USSR/Medicine

Card 1/1 Pub. 37 - 7/18

Author : Boytsova, A. A.

Title : From the history of the development of sanitary stations

Periodical : Gig. i. san., 10, 32-36, O 1955

Abstract : Historical outline of the organization of sanitation in Russia from 1862 to the present time, with special attention given to the activities of the Soviet medical service. References in footnotes.

Institution: Institute of the Organization of Public Health and of the History of Medicine im. N. A. Semashko, Acad. Med. Sci., USSR.

Submitted : Mr 4, 1955

BOYTSOVA, A. A.

"Experience of planning the activities of the rural regional sanitary-epidemiological station."

report submitted at the 13th All-Union Congress of Hygienists, Epidemologists and Infectionists, 1959.

GOL'DZIL'BER, E.M., kand.med.nauk; GORFIN, D.V., prof.; SEKRETTA, P.M., kand. med.nauk; KEYLIN, K.A., nauchnyy sotrudnik; BOYTSOVA, A.A., nauchnyy sotrudnik

Standards in sanitary and epidemiological services. Gig. i san. 24 no.9:35-41 S '59. (MIRA 13:1)

1. Iz Instituta organizatsii zdravookhraneniya i istorii meditsiny imeni N.A. Semashko.
(PUBLIC HEALTH)

RZHEZNIKOV, Yu. V., inzh.; BOYTSOVA, E. A., inzh.

Causes of unstable operation of the control valves of large steam turbines. Teploenergetika 10 no.3:25-29 Mr '63. (MIRA 16:4)

1. Vsesoyuznyy teplotekhnicheskiy institut.

(Steam turbines)

RZHEZNIKOV, Yu.V. (Moskva); BOYTSOVA, E. A. (Moskva)

Conditions for the disturbance of flow steadiness of a wall jet in a flat channel with bulging walls. Izv. AN SSSR. Mekh. i mashinostr. no.3:168-172 My-Je '64. (MIRA 17:7)

BOYTSOVA, E.V. (Leningrad, Petrodvorets, ul. Avrova, d.12, kv.29)

Abstracts. Ortop., travm. i protez. 26 no.3:70-71 Mr '65.
(MIRA 18:7)

1. Iz Leningradskogo instituta protezirovaniya (dir. - dotsent M.V. Strukov).

LUR'YE, Lev Afanas'yevich, kandidat tekhnicheskikh nauk, dotsent; BOYTSOVA, G.F., otvetstvennyy redaktor; RYKOV, M.A., redaktor izdatel'stva; SABITOV, A., tekhnicheskiy redaktor

[New trends in the development of coal briquetting] Novye napravleniia v razvitii briketirovaniia uglia. Moskva, Ugletekhizdat, 1956. 42 p. (MLRA 10:3)
(Briquets (Fuel))

BOYTSOVA, GALINA FEDOROVNA

LUR'YE, Lev Afanas'yevich, dotsent, kandidat tekhnicheskikh nauk; BOYTSOVA, Galina Fedorovna; RAVICH, Boris Mikhaylovich; MARGOLIN, V.A., otvetstvennyy redaktor; GARBER, T.N., redaktor izdatel'stva; SABITOV, A., tekhnicheskiy redaktor

[Research on briquetting of lignite] Issledovaniia po briketirovaniiu burykh uglei. Pod obshchei red. L.A.Lur'e. Moskva, Ugletekhizdat, 1957. 141 p. (MIRA 10:7)
(Briquets (Fuel)) (Lignite)

BOYTSOVA, I.N.; STARITSKIY, Yu.G.

Relief of the basement of the Siberian Platform. Sov.geol. 8 no.10:94-96 O '65. (MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.

GRIGOROVICH, Sergey Feofanovich; BOYTSOVA, K.I., red.; DZGOYEV, A.A., tekhn. red.

[Over the mountains and valleys of Northern Ossetia; tourists', students' of local lore and excursionists' companion] Po goram i ravninam Severnoi Osetii; sputnik turista, kraeveda i ekskursanta. Izd.2., dorabotannoe. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1960. 125 p. (MIRA 14:8)
(Ossetia—Guidebooks)

BOYTSOVA, L., inzh.; IZOTOVA, M., inzh.; OPALENOVA, K., inzh.

Better quality, reduced expenses. Mest.prom. i khud.promys. 4 no.3: 33 Mr '63. (MIRA 16:4)

1. TSentral'naya opytno-tekhnicheskaya shveynaya laboratoriya.
(Garment cutting)

24(2), 5(3) SOV/54-59-1-3/25

AUTHORS: Frisman, E. V., Boytsova, N. N.

TITLE: Optical Anisotropy of Copolymeric Molecules (Opticheskaya anizotropiya molekul sopolimera)

PERIODICAL: Vestnik Leningradskogo universiteta. Seriya fiziki i khimii, 1959, Nr 1, pp 26-29 (USSR)

ABSTRACT: In the present paper the authors investigated the optical anisotropy of the copolymeric molecules styrene and methyl methacrylate with various concentrations of their components. For each sample the solvent was chosen in such a way that the difference of polarizability $(\alpha_1 - \alpha_2)$ of a statistical segment can be determined by the formula

$$\frac{[n]}{[\eta]} = \frac{4\pi}{45} \cdot \frac{(n_s^2+2)^2}{n_s} \cdot \frac{1}{kT} (\alpha_1 - \alpha_2) \quad (1).$$

The necessary condition $n_k \approx n_s$ was checked by a refractometric measurement of the increment. The measurement was carried out by R. K. Chander. In formula (1) $[n]$ = dynamo-optical constant, $[\eta]$ = characteristic viscosity, n_s = refractive index of the solvent,

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Optical Anisotropy of Copolymeric Molecules

and n_k = refractive index of the polymer ($n_k \approx n_s$). The equation $[n] = \left(\frac{\Delta n}{gc\eta_o}\right)_{\substack{g \to 0 \\ c \to 0}}$ holds for this case, where Δn denotes the quantity of double refraction in a solution of concentration c with a velocity gradient g, and η_o the viscosity of the solvent. The authors measured the dependence Δn on g for solutions with various concentrations. This dependence was found to be linear within the investigated range of velocity gradients and concentrations. The values $(\alpha_1 - \alpha_2)$ for the copolymers are listed in a table. If the anisotropy of polarizability of a copolymer segment is assumed to be the sum of the anisotropies of polarizability of the components, it may be stated that the difference of polarizability of the copolymer and methyl methacrylate is a sum of the difference of polarizability of the individual components. The author thanks Professor V. N. Tsvetkov for discussion of the

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Optical Anisotropy of Copolymeric Molecules SOV/54-59-1-3/25

aforementioned problems. There are 5 figures, 1 table, and 7 references, 4 of which are Soviet.

SUBMITTED: May 15, 1958

Card 3/3

BOYTSOVA, N. N., OKUNEVA, M. G., TSVETKOV, V. N. and MAGARIK, S. Ya. (USSR)

Stereospetsifichnost i opticheskie svoistva polimerov
Stereospecificity and optical properties of polymers
IUPAC S II: 378-87

report presented at the Intl. Symposium on Macromolecular Chemistry, Moscow, 14-18 June 60.

POYZSOVA, N.N.

PHASE I BOOK EXPLOITATION SOV/4983

International symposium on macromolecular chemistry. Moscow, 1960.

Mezhdunarodnyy simpozium po makromolekulyarnoy khimii, SSSR, Moskva, 14-18 iyunya 1960 g; doklady i avtoreferaty. Sektsiya II. (International Symposium on Macromolecular Chemistry Held in Moscow, June 14-18; Papers and Summaries) Section II. [Moscow, Izd-vo AN SSSR, 1960] 559 p. 5,500 copies printed.

Sponsoring Agency: The International Union of Pure and Applied Chemistry, Commission on Macromolecular Chemistry

Tech. Ed.: T.A. Prusakova.

PURPOSE: This book is intended for chemists interested in polymerization reactions and the synthesis of high-molecular compounds.

COVERAGE: This is Section II of a multivolume work containing papers on macromolecular chemistry. The papers in this volume treat mainly the kinetics of various polymerization reactions initiated by different catalysts or induced by radiation. Among the research techniques discussed are electron paramagnetic resonance spectroscopy and light-scattering interpolation. There are summaries in English, French and Russian. No personalities are mentioned. References follow each article.

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S/190/60/002/007/003/017
B020/B052

15.8116

AUTHORS: Tsvetkov, V. N., Frisman, E. V., Boytsova, N. N.

TITLE: Optical Anisotropy and Shape of Siloxane Polymer Molecules in Solution

PERIODICAL: Vysokomolekulyarnyye soyedineniya, 1960, Vol. 2, No. 7, pp. 1001-1009

TEXT: Here, the flow birefringence method is applied for the investigation of polydimethyl siloxane (PDMS) and polydimethyl-phenyl siloxane (PDMPS) solutions. The samples investigated were fractions of the commercial polymers PDMS and PDMPS; the latter, however, contained 10% monomer chain links with a benzene ring as substituent of the methyl group. The molecular weights of the fractions investigated were determined by the light scattering method (Refs. 2,3) and, in the case of PDMS, also from the intrinsic viscosity in toluene by the equation

$[\eta] = 4.2 \cdot 10^{-4} M^{0.59}$ (1) (Ref. 2). Gasoline was used as solvent in the determination of the anisotropy of the molecular segment on the basis of

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birefringence. The birefringence of the PDMS fractions in toluene were measured for the investigation of the effect of shape. The absolute viscosity η and intrinsic values $[\eta]$ of all solutions were determined besides their optical characteristics. Fraction II ($M=1.79\times10^6$) and an unfractionated PDMS sample with an average molecular weight of 7.10^5 in gasoline, were examined. In all the cases, the dynamic birefringence Δn increased proportionally to the velocity gradient g (Fig. 1). The concentration dependance of the quantity $(\Delta n/gc\eta_o)_{q \to o}$ (with η_o denoting the viscosity of the solvent) is given in Fig. 2. The characteristic values of birefringence $[n] = \lim_{\substack{c\to0 \\ q\to0}} (\Delta n/gc\eta_o)$ obtained by extrapolation of the straight line of Fig. 2, are given in Table 2. Three fractions of PDMPS (III, V, and VII) in gasoline were investigated. The birefringence of all solutions was negative and very low. For the determination of the characteristic values $[n]$ and $[n]/[\eta]$ therefore the Peterlin method (Tables 1 and 2) was also applied besides the graphical solution of the equation $(\Delta n/gc\eta_o) = f(c)$ (Fig. 3) for fractions V and VII (where the

extrapolation of $c \rightarrow 0$ seems less promising). Table 3 gives the characteristic data of PDMS in toluene. The dependence of $[n]/[\eta] \cdot (45 n_s kT)/(4\pi (n_s^2 + 2)^2)$ on $M/[\eta]$ and $[n]_f \left\{ \left[(n_k^2 - n_s^3)/n_s^2 \right] \left[1/120 \pi p^2 RT \right] \right\}$ of the molecular weight of polydimethyl siloxane in toluene are given in Figs. 4 and 5. Fig. 6 shows the trans-chain of polydimethyl siloxane, and Fig. 7 the monomer link of methyl-phenyl siloxane. On the basis of the data obtained one may say that the quantity of the effect of shape is proportional to the molecular weight of the fraction. The determined asymmetry of the coiled PDMS is somewhat lower than the values usually obtained for Gauss chains. The segmental anisotropy of PDMS in gasoline is $4.7 \cdot 10^{-25}$ cm^3, and that of PDMPS is $2.3 \cdot 10^{-25}$ cm^3. Thence the anisotropy of the monomer link was calculated: $0.96 \cdot 10^{-25}$ cm^3, and $13.4 \cdot 10^{-25}$ cm^3, respectively. From these data the difference in the anisotropy of the compounds SiC and SiO can be calculated as being $1.1 \cdot 10^{-25}$ cm^3. On the basis of the data obtained for PDMPS one

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may say that practically no slowing down of the phenyl side-group (in the sense of a favored orientation of its faces) occurs during its rotation round the valence bond $C_{aromat.} - C_{aliphat.}$. The authors thank I. K. Stavitskiy and V. M. Svetozarova for having supplied the polymer samples. There are 7 figures, 3 tables, and 19 references: 13 Soviet, 3 US, 2 German, and 1 Swiss.

ASSOCIATION: Fizicheskiy institut Leningradskogo gosudarstvennogo universiteta (Physics Institute of the Leningrad State University)

SUBMITTED: March 4, 1960

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86292
S/190/60/002/008/003/017
B004/B054

15.8105 2209

AUTHORS: Tsvetkov, V. N., Boytsova, N. N.

TITLE: Stereoregularity and Optical Anisotropy of Molecules of Polymethyl Methacrylate

PERIODICAL: Vysokomolekulyarnyye soyedineniya, 1960, Vol. 2, No. 8, pp. 1176-1187

TEXT: The authors discuss the effect of stereoregularity of a polymer on the physical properties of its molecules. They arrive at the opinion that the measurement of optical anisotropy should be a sensitive method of structure determination. In a previous paper (Ref. 29), they had proved that isotactic and atactic polystyrene show considerable differences in optical anisotropy. The present paper studies the effect of stereoregularity of the molecular chain on optical anisotropy in polymethyl methacrylate (PMMA). The following PMMA samples were used: sample A, isotactic, vitrification temperature $T_v = 50^{\circ}C$; sample B, atactic, $T_v = 110^{\circ}C$; sample C, syndiotactic, T_v above $110^{\circ}C$. Samples A and C were dissolved in benzene,

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centrifuged, and decomposed by precipitation with hexane into fractions which showed a regular dependence of the Kerr effect on the electric field applied. Next, the double refraction Δn in flowing benzene solution was measured as a function of flow velocity. A linear dependence $\Delta n = f(g)$ was found. From the reduced double refraction $\Delta n/g\,\eta_0 c$ (η_0 = viscosity of solvent, c = concentration of polymer), the following relation was calculated by extrapolation of experimental data: $[n] = \lim_{c \to 0} (\Delta n/g\,\eta_0 c)$. Further, the intrinsic viscosity $[\eta]$ was determined. The segment anisotropy $\alpha_1 - \alpha_2$ of the macromolecules was calculated from these values: $[n]/[\eta] = 4\pi\left[(n_{sol}^2+2)^2/45 n_{sol} kT\right](\alpha_1 - \alpha_2)$. These values are given in Table 1: (M = molecular weight)

Stereoregularity and Optical Anisotropy of Molecules of Polymethyl Methacrylate

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Polymer	Fraction	$M \cdot 10^{-5}$	$[\eta] \cdot cm^3/g$	$[n] \cdot 10^8$	$[n]/[\eta] \cdot 10^{10}$	$(\alpha_1 - \alpha_2) \cdot 10^{25} cm^3$
isotactic (A)	III	3.2	82	1.86	2.19	26.1
	IV	2.0	58	1.20	2.07	24.7
	VII	1.15	37	0.72	1.94	23.2
	VIII	0.8	28	0.50	1.78	21.3
(C)	III	4.7	66	0.09	0.13	1.4
atactic (B)	not fractionated	5.2	120	0.18	0.15	1.8

Further, the optical anisotropy was calculated according to W. Kuhn (Ref.20): $\alpha_1 - \alpha_2 = 7.5(a_{\parallel} - a_{\perp})$. The following values were found for $(a_{\parallel} - a_{\perp}) \cdot 10^{-25}$ cm^3: sample A: 3.3; sample B: between 0.19 and 0.24. Thus, the anisotropy of molecules of the isotactic polymer is 14 times higher than that of the atactic one. This increase in anisotropy on transition from the atactic to the isotactic structure is explained by a change of rotation around the stretching vibrations in the ester side group of PMMA. No differences were observed between the optical properties of the atactic (B) and syndiotactic (C) polymer. Consequently, these samples should have similar

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Stereoregularity and Optical Anisotropy of Molecules of Polymethyl Methacrylate

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microstructures. Double light refraction is a sensitive method of studying the degree of stereoregularity of a polymer. The authors thank A. A. Korotkov and S. P. Mitsengendler for supplying the samples. There are 8 figures, 2 tables, and 39 references: 19 Soviet, 10 US, 1 British, 1 French, 1 German, and 1 Swiss.

ASSOCIATION: Fizicheskiy institut Leningradskogo gosudarstvennogo universiteta
(Institute of Physics of Leningrad State University)

SUBMITTED: March 19, 1960

Card 4/4

TSVETKOV, V.N.; BOYTSOVA, N.N.; GRISHCHENKO, A.Ye.

Study of the magnitude and orientation of birefringence in a flow of polyisobutylene solutions. Vest. LGU 17 no.4:59-66 '62. (MIRA 15:3)

(Propene--Optical properties)

TSVETKOV, V.N.; MITIN, Yu.V.; GLUSHENKOVA, V.R.; GRISHCHENKO, A.Ye.; BOYTSOVA, N.N.; LYUBINA, S.Ya.

Electric and dynamic birefringence of poly - γ-benzyl-L-glutamate solutions. Vysokom.soed. 5 no.3:453-459 Mr '63. (MIRA 16:3)

1. Institit vysokomolekulyarnykh soyedineniy AN SSSR i Fizicheskiy institut Leningradskogo gosudarstvennogo universiteta.
(Glutamic acid--Optical properties) (Refraction, Double)

TSVETKOV, V.N.; BOYTSOVA, N.N.; VITOVSKAYA, M.G.

Flexibility of the side groups and optical anisotropy of some polyacrylic and polymethacrylic esters. Vysokom.soed. 6 no.2:297-303 F '64. (MIRA 17:2)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

BOYTSOVA, O.S.

"Dispensary methods for therapeutic and prephylactic institutions."
K.V.Maistrakh. Reviewed by O.S.Boitsova. Sov.Zdrav. 15 no.2:63-64
Mr-Ap '56. (MLRA 9:7)
(PUBLIC HEALTH)
(MAISTRAKH, KSENIIA VASIL'EVNA, 1900-)

BOYTSOVA, O. S., CAND MED SCI, "METHOD OF DETERMINING [norms] OF REQUIREMENTS [for] HOSPITAL AND SANATORIUM BEDS [of] FOR THE JUVENILE POPULATION. (FOR THE TREATMENT OF RHEUMATIC PATIENTS)." MOSCOW, 1961. (FIRST MOSCOW ORDER OF LENIN MED INST IM I. M. SECHENOV). (KL, 2-61, 217).

BOYTSOVA, O.S.

Method for determining the need of rheumatic children for dispensary and sanatorium treatment. Zdrav. Ros. Feder. 4 no.5:28-33 My '60. (MIRA 13:11)

1. Iz kafedry organizatsii zdravookhraneniya (zav. - prof. N.A. Vinogradov) TSentral'nogo instituta usovershenstvovaniya vrachey (dir. M.D. Kovrigina).

(RHEUMATIC FEVER)

BOYTSOVA, [redacted]

Cultivation of seed flax on virgin and idle lands. Vest. AN Kazakh. SSR 11 no.9:75-79 S '54. (MLRA 8:2)
(Flax)

SOV/81-59-16-57618

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 16, p 281 (USSR)

AUTHORS: Il'inskiy, V.P., Boytsova, V.F.

TITLE: The Sorption of Bromine From a Bromine-Air Mixture by Sulfur Dioxide and the Reprocessing of the Obtained Mixture of Acids to Br_2 or HBr

PERIODICAL: Sb. tr. Gos. in-ta prikl. khimii, 1958, Nr 41. pp 129-152

ABSTRACT: The reaction of interaction of bromine with SO_2 in the gaseous and liquid phases is studied and the necessary technological indices of the process are obtained. Methods for processing a mixture of HBr, HCl and H_2SO_4 acids to liquid bromine or hydrobromic and sulfuric acids have been developed. It has been shown that the reaction of interaction of Br_2 from a bromine-air mixture with SO_2 at room temperature (14 - 20°) proceeds quickly and completely at the stoichiometric ratio of Br_2 and SO_2. The sorption of Br_2 from a bromine-air mixture by an aqueous solution of the mixture of the acids $HBr + H_2SO_4$ runs to completion, but the consumption of SO_2 is 30 - 35% higher than in the reaction in the gaseous phase. The reaction products are absorbed to 98 - 99% from the gaseous phase by sprinkling the absorption column with a mixture of acids. The concentration of the HBr acid in the solution can be increased to 20% by means of the re-

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The Sorption of Bromine From a Bromine-Air Mixture by Sulfur Dioxide and the Reprocessing of the Obtained Mixture of Acids to Br_2 or HBr

circulation of the sorbent in the absorption tower. The vapor pressure of HBr + H_2SO_4 over a mixture of HBr + H_2SO_4 acids for the temperatures 0.25 and 50°C is raised with an increase in the HBr and H_2SO_4 concentrations. The absorption coefficient of HBr and H_2SO_4, in the absorption by a mixture of acids, depends principally on the concentration of the sorbent, the temperature and the gas speed and does not depend on the concentration of HBr or Br_2 in the gaseous phase. The value of the absorption coefficient for the absorption of HBr at a temperature of 14 - 20°C varies from 37 to 40 m/hr and for HCl from 12 to 17 m/hr. The oxidation of the acid mixture (HBr + HCl + H_2SO_4) by chlorine to bromine proceeds practically to completion at the introduction of 1.05 - 1.1 chlorine equ. per 1 HBr equ. The distillation of bromine from the solution by steam proceeds to completion at a steam consumption of ~5 kg per 1 kg of bromine; bromine obtained in this way corresponds to the type "ch" (pure). The separation of the acid mixture (HBr + HCl + H_2SO_4) by means of distillation makes it possible to obtain HBr of 40% and H_2SO_4 of 70 - 80%. The yield of HBr in the form of a 40% solution is 90 - 95%.

V. Borisova.

Card 2/2

SOV/81-59-16-57620

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 16, p 281 (USSR)

AUTHORS: Il'inskiy, V.P., Boytsova, V.F., Drozdova, Ye.G., Kuz'mina, N.P., Rusinova, K.D.

TITLE: The Preparation of Dry Hydrogen Bromide

PERIODICAL: Sb. tr. Gos. in-ta prikl. khimii, 1958, Nr 41, pp 161-170

ABSTRACT: Dry HBr is synthesized from bromine and H_2 in the presence of the "BAU" coal at 600°C; the yield is 91 - 96%. A technological method of purifying and drying HBr has been developed ensuring the preparation of a product containing ~0.04% moisture and H_2S traces.

N. Shiryayeva.

Card 1/1

BOYTSOVA, V.F., RUSINOVA, K.D., STEPANOVA, N.I.

Determination of moisture in bromine. Zav.lab. 26 no.5:550-551 '60. (MIRA 13:7)

1. Gosudarstvennyy institut prikladnoy khimii.
(Bromine--Analysis) (Moisture)

TSVETKOV, V.N.; BOYTSOVA, V.N.

Optical anisotropy of molecules of polystyrene and poly-p-methylstyrene stereoisomers. Vysokom.soed. 5 no.8: 1263-1267 Ag '63. (MIRA 16:9)

1. Fizicheskiy institut Leningradskogo gosudarstvennogo universiteta.
(Styrene polymers—Optical properties) (Stereochemistry)

Country : USSR M
Category : CULTIVATED PLANTS. COMMERCIAL. Oliferous. Sugar-Bearing.
Abs. Jour. : REF ZHUR-BIOL., 21, 1958, NO-96067

Author : Boytsova, V.P.
Institut. : —
Title : The Cultivation of Oil Flax on Virgin and Long-Lain Land in Northern Kazakhstan

Orig. Pub. : V sb.: Maslichn. kul'tury v vost. r-nakh SSSR. Krasnodar, "Sov. Kuban'", 1956, 151-153

Abstract : Field tests made at Karabadykskaya Selection Station in 1945-1946 have shown that oil flax can be grown successfully in the districts of Northern Kazakhstan. It matured quite well on hard soil, although on old tilled plots its vegetation was protracted, and it therefore had to be placed on virgin and long-lain soil throughout the area. Karabalykskiy 2 proved to be the best variety. --A.M. Smirnov

Card: 1/1

AUTHORS: Boytsov, Ye.N. and Finkel'shteyn, A.I. SOV/51-7-4-6/32

TITLE: An Optical Investigation of the Molecular Structure of S-Triazine Derivatives. V. Infrared Absorption Spectra of Salts of Oxy- and Amino-Derivatives of S-Triazine.

PERIODICAL: Optika i spektroskopiya, 1959, Vol 7, Nr 4, pp 482-486 (USSR)

ABSTRACT: The following compounds were prepared: trisodium salt of cyanuric acid, disodium salt of ammelide, monosodium salt of ammeline and monochlorhydrates of melamine, ammeline and ammelide. The method of preparation was the same as that described by Belstein (Ref 6). The infrared absorption spectra of these compounds were obtained on samples pressed together with KBr using an IKS-12 spectrograph (NaCl prism, the wavelength range 3-15 μ). The spectra of all these salts are shown in Figs 1-3, where transmission T is plotted in % against wavelength in μ. The frequencies near 1700 cm^{-1} indicate the presence of the C==O group in acid salts of ammeline and ammelide. In the region of deformational vibrations of N--H in acid salts an increased number of bands is observed which indicate the presence of various types of N--H bonds. In the region of valence vibrations of N--H in acid salts two intense bands appear which are strongly displaced towards the longer wavelengths. In the case of ammelide there are two strongly displaced absorption bands

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An Optical Investigation of the Molecular Structure of S-Triazine Derivatives. V. Infrared Absorption Spectra of Salts of Oxy- and Amino-Derivatives of S-Triazine.

which indicate formation of an $\overset{+}{N}H_2$ group or an $\overset{+}{N}H_3$ group. The authors suggest that formation of acid salts of ammelide occurs by attachment of a proton to the ring atom of nitrogen. In the case of ammeline and melamine, which have more than one amino-group, two bands appear in addition to the bands of the NH_2 group. The frequencies of these additional bands are close to the frequencies of NH in ammelide salts. It follows that formation of mono-salts of ammeline and melamine involves only one of the amino-groups and proceeds in the same way as in the case of ammelide. There are 3 figures, 6 structural formulae, 1 table and 13 references, 6 of which are Soviet, 2 English, 2 German, 1 Belgian, 1 Japanese and 1 translation.

SUBMITTED: February 26, 1959

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BOYTSOV, Ye.N.; FINKEL'SHTEYN, A.I.

Optical investigation of the molecular structure of S-triazine derivatives. Part 6. Opt.i spektr. 9 no.1:51-56 Jl '60. (MIRA 13:7)
(Triazine)

86237

S/032/60/026/008/025/046/XX
B020/B052

5.5310 1273, 1282, 1153

AUTHORS: Finkel'shteyn, A. I., and Boytsov, Ye. N.

TITLE: Spectrophotometric Analysis of the Isomeric Compositions of Toluylene Diamine and Toluylene Diisocyanate Mixtures

PERIODICAL: Zavodskaya laboratoriya, 1960, Vol. 26, No. 8, pp. 959-963

TEXT: The authors suggest a spectrophotometric method of analyzing mixtures of 2,4-, 2,6-toluylene diamines, and 2,4-, 2,6-toluylene diisocyanates on the basis of their infrared absorption spectra, since for this purpose neither the determination of melting and boiling points nor the spectrophotometric method described in publications (Ref. 1) are suitable. For increasing the analysis accuracy in measuring the optical density of the analyzed solution, the wire-gauze method was applied by which the ratio between the optical density of a wire-gauze and the solvent, and the ratio between the optical density of the solution and the gauze were measured instead of the optical density of the compound. Since neither the solvent nor the wire gauze show selective absorption, the optical density

Spectrophotometric Analysis of the Isomeric Compositions of Toluylene Diamine and Toluylene Diisocyanate Mixtures

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of the analyzed solution does not depend on the width of the slit. The spectrographs of the 2,4- and 2,6-toluylene diisocyanate mixtures and the values measured, are shown in Fig. 1. Figs. 2 and 3 give the absorption spectra of the isomers of 2,4-, 2,6-toluylene diamines, and 2,4-, 2,6-toluylene diisocyanates. The absorption bands 12.35 μ and 12.80 μ were chosen as characteristic lines. For the determination of 2,4-toluylene diamine, the absorption bands of 11.86 and 12.57 μ were chosen, and for 2,6-toluylene diamine those of 12.87 μ. Using three wavelengths two pairs of equations were obtained whose solutions gave two values for the concentration of each component. Their arithmetic mean was calculated. The authors investigated the solvents which are transparent in the range between 11 and 13 μ, namely: carbon disulfide, cyclohexane, and nitromethane. The spectrographs of the solutions investigated were taken by the spectrophotometer of type ИКС-12 (IKS-12) which was equipped with an NaCl prism and a special device for the fixation of the wire gauze and the bulb in front of the slit. The method is described for determining the absorption coefficients of 2,4-, 2,6-toluylene diisocyanates by means of

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Spectrophotometric Analysis of the Isomeric Compositions of Toluylene Diamine and Toluylene Diisocyanate Mixtures

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wavelengths of 12.35 and 12.80 μ, and the isomer analysis of their mixtures. Also 2,4-, 2,6-toluylene diamines were analyzed. Fig. 4 shows the dependence of the optical densities on the isomer concentrations from which the absorption coefficients of 2,4-toluylene diisocyanate and 2,6-toluylene diisocyanate were determined. Tables 1 and 2 give the analysis results for a number of mixtures of 2,4-, 2,6-toluylene diisocyanates, and 2,4-, 2,6-toluylene diamines. The mean absolute error of the analysis did not exceed 2%; the analysis lasted approximately one hour. L. G. Zelenskaya, A. V. Iogansen, and G. A. Kurkchi are mentioned. There are 4 figures, 2 tables, and 2 non-Soviet references.

ASSOCIATION: Dzerzhinskiy filial gosudarstvennogo nauchno-issledovatel'skogo i proyektnogo instituta azotnoy promyshlennosti i produktov organicheskogo sinteza (Dzerzhinsk Branch of the State Planning and Design Scientific Research Institute of the Nitrogen Industry and Organic Synthesis Products)

Card 3/3

YANSHIN, A.L.; PETRUSHEVSKIY, B.A.; ALEKSANDROVA, M.I.; BORSUK, B.I.; VOLIN, A.V.; ZUBKOVSKAYA, I.M.; YAKOVLEV, D.I.; BER, A.G.; BOROVIKOV, L.I.; BOYTSOVA, Ye.P.; OVECHKIN, N.K.; BESPALOV, V.F.; SHLYGIN, Ye.D.; S[redacted]ANSKIY, B.F.; KHAKHLOV, V.A.; RAGOZIN, L.A.; DITMAR, V.G.; GORSKIY, I.I., red.; KASSIN, N.G., red.; FOMICHEV, V.D., red.; DZEVANOVSKIY, Yu.K., red.; CHIKHACHEV, P.K., red.; KOMISHAN, I.S., red.; DASHKOVA, A.D., red.; VODOLAGINA, S., tekhn. red.; VDOVINA, M.P., tekhn. red.

[Geological map of the U.S.S.R., scale 1:1,000,000] Geologicheskaia karta SSSR, masshtab 1:1,000,000. [Explanatory notes to accompany sheet] Ob"iasnitel'naia zapiska k listu. _____ L-40 [Emba] (Emba). 1949. 56 p. _____ L-41 [Kzyl-Orda] (Kzyl-Orda). 1946. 20 p. _____ L-42 [Karsakpay] (Karsakpai). 1949. 42 p. _____ M-41 [Turgay] (Turgai). 1948. 28 p. _____ M-43 [Karaganda] (Karaganda). 1947. 37 p. _____ N-42 [Petropavlovsk] (Petropavlovsk) 1947. 27 p. _____ N-44 [Novosibirsk] (Novosibirsk) 1948. 33 p. _____ O-45 [Tomsk] (Tomsk). 1949. 26 p. _____ O-49 [Kirensk] (Kirensk). 1947. 40 p. Moskva, Gos. izd-vo geol. lit-ry. (MIRA 11:8)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii. (Geology--Maps)

BOYTSOVA, Ye.P.; MAZINA, Ye.A.; MIKHAYLOV, B.M.; OVECHKIN, N.K.; ROSSOVA, S.M., redaktor; GUHOVA, O.A., tekhnicheskikiy redaktor.

[Geology of the southwestern region of the Turgay Gates] Geologiia iugo-zapadnoi chasti Turgaiskogo progiva. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry lp geologii i okhrane nedr, 1955. 154 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy, vol. 5). (MLRA 9:5)

(Turgay Gates--Geology, Stratigraphic)

BOYTSOVA, Ye. P.

AGRANOVSKAYA, I.A.; ASATKINA, Ye.F.; BOYTSOVA, Ye.P.; BOCHARNIKOVA, A.D.; BOYTSEL', Z.A.; IVANOVA, Ye.A.; KALASHNIKOVA, V.A.; KLIMKO, S.A.; KRUCHININA, N.V.; MALYASOVA, Ye.S.; MARKOVA, L.G.; MARTYNOVA, Z.I.; POKROVSKAYA, I.M.; POLUKHINA, V.A.; ROMANOVSKAYA, G.M.; SAMIGULINA, Ye.P.; SEDOVA, M.A.; SIGOVA, N.N.; STEL'MAK, N.K.; PERLIN, S.S., redaktor izdatel'stva; GUROVA, O.A., tekhnicheskiy redaktor.

[Atlas of Oligocene spore and pollen complexes in various regions of the U.S.S.R] Atlas oligotsenovykh sporovo-pyl'tsevykh kompleksov razlichnykh raionov SSSR. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gologii i okhrane nedr. 1956. 312 p. (Leningrad, Vsesoiuznyi geologicheskii institut. Materialy, no.16) (MLRA 10:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut Ministerstva geologii i okhrany nedr SSSR.(for Asatkina, Boytsova, Kalashnikova, Kruchinina, Pokrovskaya, Romanovskaya, Sedova, Stel'-mak). 2. Yuzhno-Ural'skoye geologicheskoye upravleniye (for Sigova) 3. Ural'skoye geologicheskoye upravleniye (for Agranovskaya, Bocharnikova, Martynova, Polukhina, Samigulina). 4. Trest "Zapsibneftegeologiya" (for Boytsel', Ivanova, Klimko, Markova). 5.Geograficheskiy fakul'tet Leningradskogo gosudarstvennogo universiteta(for Malyasova) (Pollen, Fossil) (Spores (Botany), Fossil)

BOYTSOVA, Ye.P

BOYTSOVA, Ye.P.; GLADKOVA, A.N.; ZAUYER, V.V.; KRUCHININA, N.V.; MALYAVKINA, Ye.S.; MOREVA, V.A.; POKROVSKAYA, I.M.; ROMANOVSKAYA, G.M.; SEDOVA, M.A.; SIGOVA, N.N.; POKROVSKAYA, I.M., redaktor; PERLIN, S.S., redaktor izdatel'stva. GUROVA, O.A., tekhnicheskiy redaktor.

[Atlas of Miocene spore and pollen complexes of various regions of the U.S.S.R.] Atlas miotsenovykh sporovo-pyl'tsevykh kompleksov razlichnykh raionov SSSR. Moskva, Gos.nauch.tekn.izd-vo lit-ry po geol. i okhr.nedr, 1956. 460 p. (Leningrad, Vsesoiuznyi geologicheskii institut. Materialy, no.13) (MIRA 10:1)
(Spores (Botany), Fossil) (Pollen, Fossil)

BOYTSOVA, Ye. P. Cand Geol-Min Sci -- (diss) "Palinologic~~al~~ ~~Palingenetic?~~ Basis Justification of the Stratigraphic Dissociation of ~~of the~~ Cretaceous and Tertiary Deposits of the Turgay Depression." Len, 1957. 22 pp 22 cm. (Min of Geology and Conservation of Mineral Resources USSR, All-Union Scientific Research Geologic Inst VSEGEI), (KL, 18-57, 94)

Ye. P. BOYTSOVA, B. M. MIKHAYLOVA, N. K. OVECHKIN

"Geology of the Southwestern Section of the Turgay Downwarp and Its Possibilities in Bauxite Mining" p.378

Mineralogy and Origin of Bauxites, Moscow, Izd-vo AN SSSR (otd. geologo-geograf. nauk) 1958, 488pp.

This collection of articles by various authors on the mineralogy and geochemistyg of bauxites appeared as a result of 1955 conf. on the origin of bauxite (Chairman, Acad. N. M. Strakhov)

BOYTSOVA, Ye.P.; VITTENBURG, P.V.; GANESHIN, G.S.,; GROMOV, V.I.,; ZUBAKOV, V.A.; IVANOVA, I.K.; KRASNOV, I.I.; LUNGERSGAUZEN, G.F.,; NIKIFOROVA, K.V.; POKROVSKAYA, I.M.; CHEMEKOV, Yu.F.; EPSHTEYN, S.V.; YAKOVLEVA, S.V.

Sergei Aleksandrovich IAkovlev; obituary. Biul.Kom.chetv.per. no.23:97-101 '59. (MIRA 13:5)
(IAkovlev, Sergei Aleksandrovich, 1879-1957)
(Geology)

AGRANOVSKAYA, I.A.; ALYUSHINSKIY, Yu.A.; ASATKINA, Ye.F.; BOYTSOVA, Ye.P.; BOCHARNIKOVA, A.D.; VOYEVODOVA, Ye.; GROMOVA, N.S.; ZAUYER, V.V.; MARTYNOVA, Z.I.; PANOVA, L.A.; POKROVSKAYA, I.M.; ROMANOVSKAYA, G.M.; SEDOVA, M.A.; STEL'MAK, N.K.; KHAYKINA, S.L.; EDEL'SHTEYN, L.I. [deceased]; MAKRUSHIN, V.A., tekhn.red.

[Atlas of upper Cretaceous, Paleocene and Eocene spore and pollen complexes in certain regions of the U.S.S.R.] Atlas verkhnemelovykh, paleotsenovykh i eotsenobykh sporovo-pyl'tsevykh kompleksov nekotorykh raionov SSSR. Leningrad. 1960, 574 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy, vol.30). (MIRA 13:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut Ministerstva geologii i okhrany nedr SSSR (for Alyushinskiy, Asatkina, Boytsova, Gromova, Panova, Pokrovskaya, Romanovskaya, Sedova, Stel'mak, Edel'shteyn). 2. Ural'skoye geologicheskoye upravleniye Ministerstva geologii i okhrany nedr SSSR (for Agranovskaya, Bocharnikova, Martynova). 3. Severo-Vostochnoye geologicheskoye upravleniye Ministerstva geologii i okhrany nedr SSSR (for Voyevodova, Khaykina). 4. Leningradskiy filial Gidroproyekta Ministerstva elektrostantsiy (for Zauyer).
(Palynology)

L'VOV, K.A.; POPOVICH, N.I.; SERGIYEVSKIY, V.M.; KONDIAYN, O.A.; SPEPANOV, D.L.; GORSKIY, V.P.; BOYTSOVA, Ye.P.; BOGRETSOVA, T.B.; GORSKIY, I.I., otv. red.; YEVSEYEV, K.P., otv. red.; KRASNOV, I.I., red.; POKROVSKAYA, I.M., red.; DERZHAVINA, N.G., red.izd-va; GUROVA, O.A., tekhn. red.

[Resolutions of the Interdepartmental Conference on Working out of Unified Stratigraphic Schemes for the Urals] Reshcniia mezhvedomstvennogo soveshchaniia po razrabotke unifitsirovannykh stratigraficheskikh skhem dlia Urala. Rassmotreno i utverzhdeno Mezhvedomstvennym stratigraficheskim komitetom 9 fevralia 1960 g. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 50 p. (MIRA 15:2)

1. Soveshchaniye po unifikatsii stratigraficheskikh skhem Urala i po sootnosheniyu drevnikh svit Urala i Russkoy platformy, Sverdlovsk, 1956.
(Ural Mountains—Geology, Stratigraphic)

BOYTSOVA, Ye.P.

Spore pollen complexes from the Paleogene marine and littoral sediments of the northern and eastern chinks of Ustyurt. Trudy VSEGEI 102:115-151 '64. (MIRA 18:2)

BOYTSOVA, Ye.P.; VOYEVODOVA, Ye.M.; ZAUYER, V.V.; KOL'TSOVA, T.T.; KRUCHININA, N.V.; MARTYNOVA, Z.I.; PANOVA, L.A.; POKROVSKAYA, I.M.; ROMANOVSKAYA, G.M.; SEDOVA, M.A.; STEL'MAK, N.K.; TABACHNIKOVA, I.P.

[Atlas of lower Cretaceous spore and pollen complexes of some regions of the U.S.S.R.] Atlas nizhnemelovykh sporovo-pyl'tsevykh kompleksov nekotorykh raionov SSSR. Moskva, Nedra, 1964. 551 p. (Leningrad, Vsesoiuznyi geologicheskii institut. Trudy, vol.124) (MIRA 18:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut (for Boytsova, Kol'tsova, Kruchinina, Panova, Pokrovskaya, Romanovskaya, Sedova, Stel'mak, Tabachnikova). 2. Ural'skoye geologicheskoye upravleniye (for Martynova). 3. Severo-Vostochnoye geologicheskoye upravleniye (for Voyevodova). 4. Leningradskiy filial Vsesoyuznogo ordena Lenina proyektno-izyskatel'skogo i nauchno-issledovatel'skogo instituta im. Z.Ya. Zhuka (for Zauyer).

PANASENKOV, N.; BOYTSUN, V.

The influence of dispersion (the particle size) of dried milk on its stability. Molochnaya Prom. 14, No.7, 30-2 '53. (MLRA 6:6)
(CA 47 no.22:12676 '53)

1. S.M.Kirov Agr. Inst., Omsk.

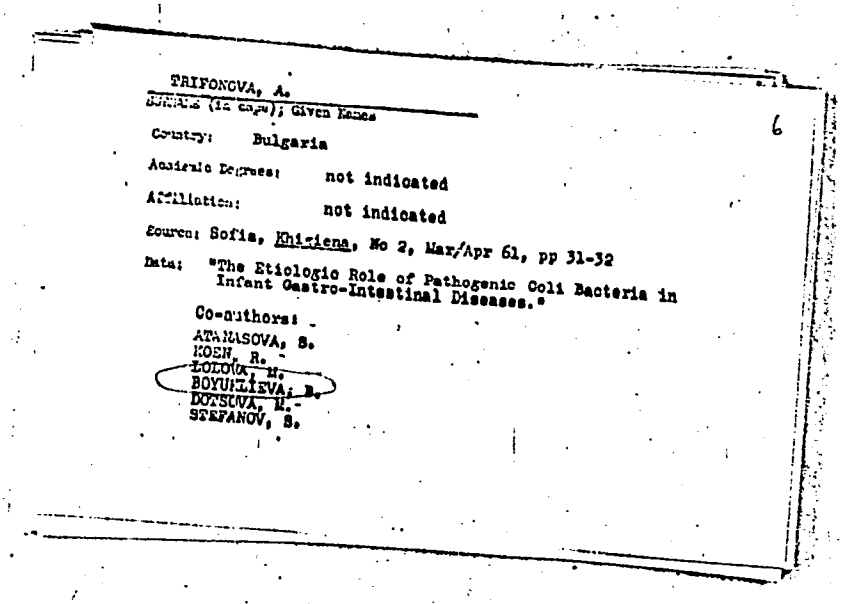
OGIYEVETSKIY, I.I. (Dnepropetrovsk); BOYTSUN, L.G. (Dnepropetrovsk)

A theorem proposed by E. Titchmarsh. Izv. vys. ucheb. zav.; mat. no.4:100-103 '65. (MIRA 18:9)

BOYU, N.V., inzh.

Calculation of losses in the yoke beams of power transformers.
Vest. elektroprom. 34 no.4:13-16 Ap '63. (MIRA 16:10)

Boyuklieva, B.



TRIFONOVA, A.
Surname (in caps); Given Names

Country: Bulgaria

Academic Degrees: not indicated

Affiliation: not indicated

Source: Sofia, Khigiena, No 2, Mar/Apr 61, pp 31-32

Data: "The Etiologic Role of Pathogenic Coli Bacteria in Infant Gastro-Intestinal Diseases."

Co-authors:
ATANASOVA, S.
KOSEV, R.
KOLOVA, M.
BOYUKLIEVA, B.
DOTSOVA, M.
STEFANOV, S.

6

BOYUTSKIY, S.S.; ZAYONCHKOVSKIY, A.D.; HUBINA, S.I.

The causes of the granulation of powders. Colloid.J. (U.S.S.R.) 14, 29-37 '52 [Engl. translation].
(CA 47 no.20:10315 '53)

BOYUTSKIY, S. S.

KALININA, L.Ye.; ALEKSEYENKO, V.I.; BOYUTSKIY, S.S.

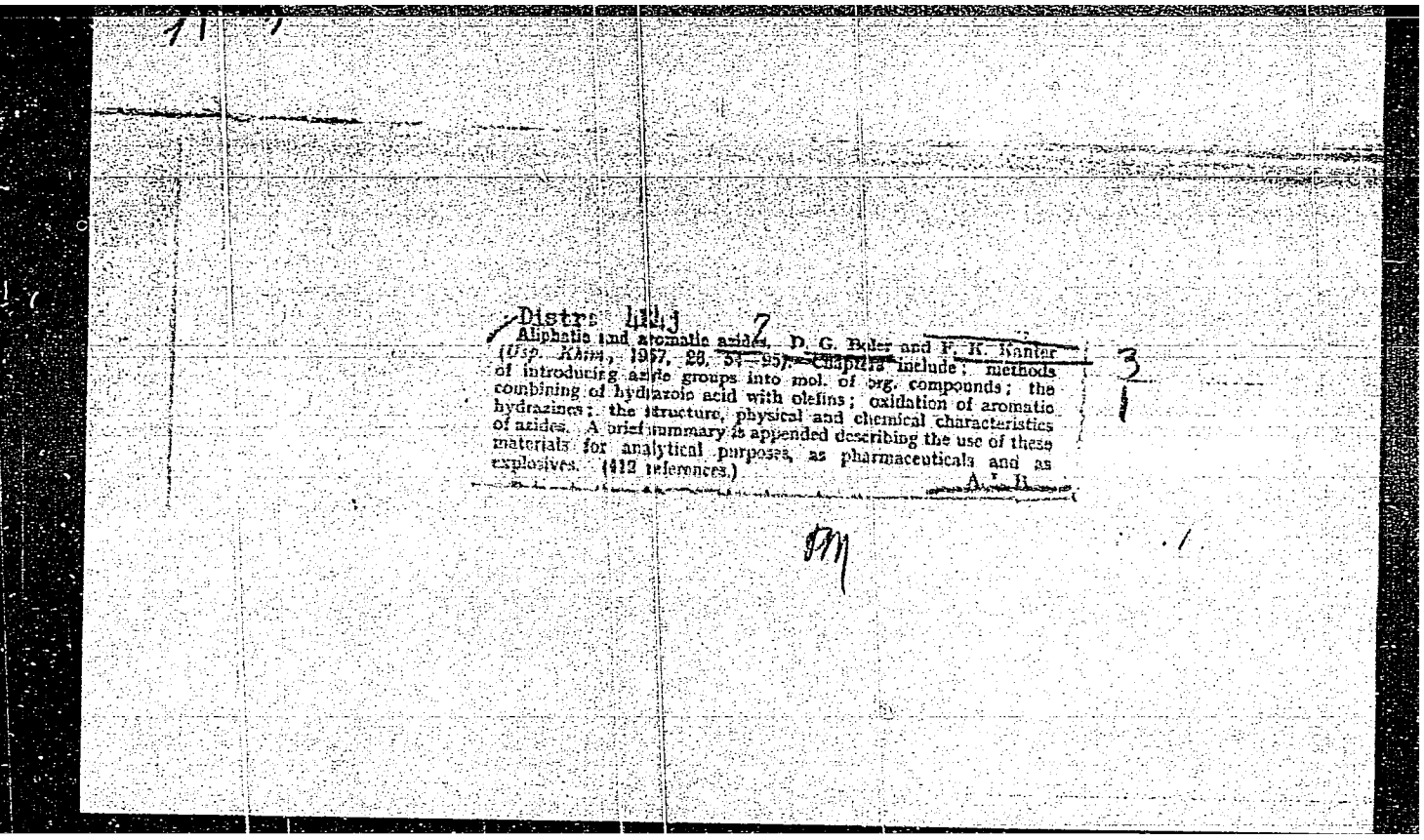
The separation of solutions of high polymers [with English summary in insert]. Koll.zhur.18 no.6:691-696 N-D '56. (MLRA 10:2)

1. TSentral'nyy nauchno-issledovatel'skiy institut zameniteley kozhi, Moskva.
(High molecular weight compounds) (Solution (Chemistry))

BOYUTSKIY, S.S.; VAKULA, V.L.

Adhesion of synthetic rubbers to different high molecular weight substrata. Izv.vys.ucheb.zav.; khim.i khim tekh. 3 no.1: 186-189 '59. (MIRA 13:6)

1. Kafedra kolloidnoy khimii Moskovskogo instituta tonkoy khimicheskoy tekhnologii imeni M.V.Lomonosova.
(Rubber, Synthetic) (Adhesion)



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