DROBYSHEVSKIY, L.G., redaktor

[The "Staraia Russa" health resort, 1828-1953; a collection of scientific papers] Kurort "Staraia russa," 1828-1953; sbornik nauchno-prakticheskikh rabot. [Novgorod] Novgorodskaya pravda, 1955. 210 p. (MLRA 10:3)
(STARAYA RUSSA--THERAPEUTICS, PHYSIOLOGICAL)

DROBYSHEVSKIY, V.; BOLDYREV, A.; REPIN, A.; FEFER, A.; KEM, A. (Chelyabinsk).

Suggested, developed, introduced. Izobr.i rats. no.4:32 Ap '60.
(MIRA 13:6)
(Technological innovations)

DROBYSHEVSKIY, V.; RAS, L.

New machines for mounting and dismounting automobile tires. Avt. transp. 36 no.9:24-25 S '58. (MIRA 11:10)
(Automobiles--Tires)

DROBYSHEVSKIY, V.A., inzhener.

An outstanding Soviet inventor. Izobr.v SSSR 2 no.11:41-43 N '57. (MIRA 10:10)
(Matrosov, Ivan Konstantinovich)
(Brakes)

MASALOV, A., tekhnik-mekhanik (Ufa); KORNILOV, M., insh.; SHIGANOV, A., (Chernigov); DUMIN, A., insh. (Leningrad); AYUPOV, S., slesar'-instrumental'shchik (g.Kirovsk, Leningradskoy oblasti); DROBYSHEVSKIY, V.A., insh.; VENEDIKTOV, V. (Sverdlovsk)

Suggested, developed, introduced. Izobr.i rats. no.1:40-42 Ja '60. (MIRA 13:4)

(Technological innovations)

DROBYSHEVSKIY, V.A.

Inventions in the automobile industry. Avt.prom. no.3:44-45 Mr '61. (MIRA 14:3)

1. Komitet po delam izobreteniy i otkrytiy pri Sovete Ministrov SSSR.
(Automobile industry—Technological innovations)

DROBYSHEVSKIY, V.A.

New equipment and techniques for the mechanization of loading and unloading operations. Zhel. dor. transp. 47 no.6:89-90 Je '65. (MIRA 18:6)

1. Nachal'nik otdela transporta Gosudarstvennogo komiteta po delam izobreteniy i otkrytiy SSSR.

BERKOVSKIY, Ye.M.,; DROBYSHEVSKIY, V.L.

Morphology of the argyrophylic substance of the dental pulp in amphodontosis (paradontosis). Stomatologiia, no.6:11-16 N-D '55. (MLRA 9:5)

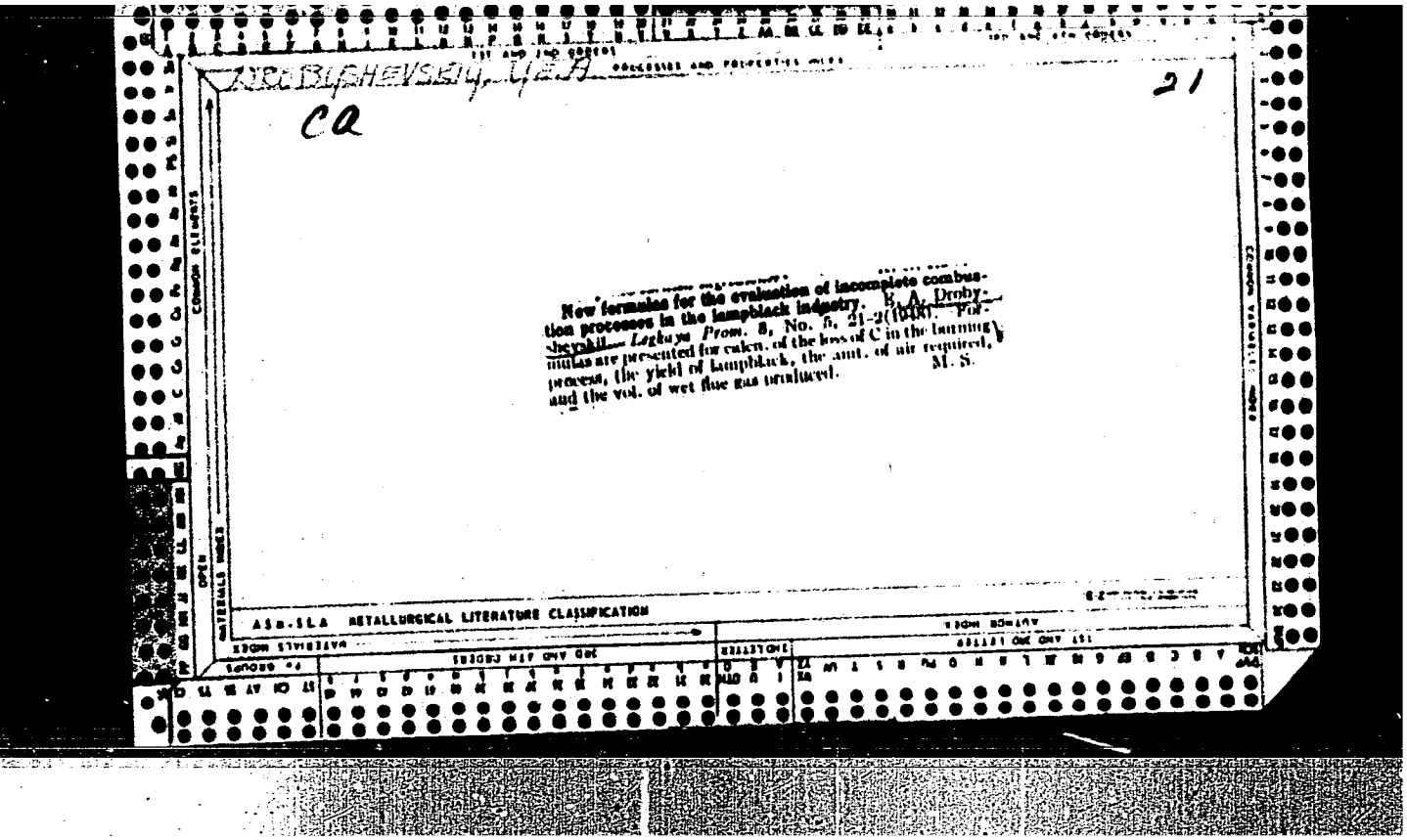
1. Iz patologoanatomicheskogo otdela (zav.-kandidat meditsinskikh nauk Ye.M. Berkovskiy) Odesskogo nauchno-issledovatel'skogo instituta stomatologii (dir.-starshiy nauchnyy sotrudnik M.I. Kukhareva)

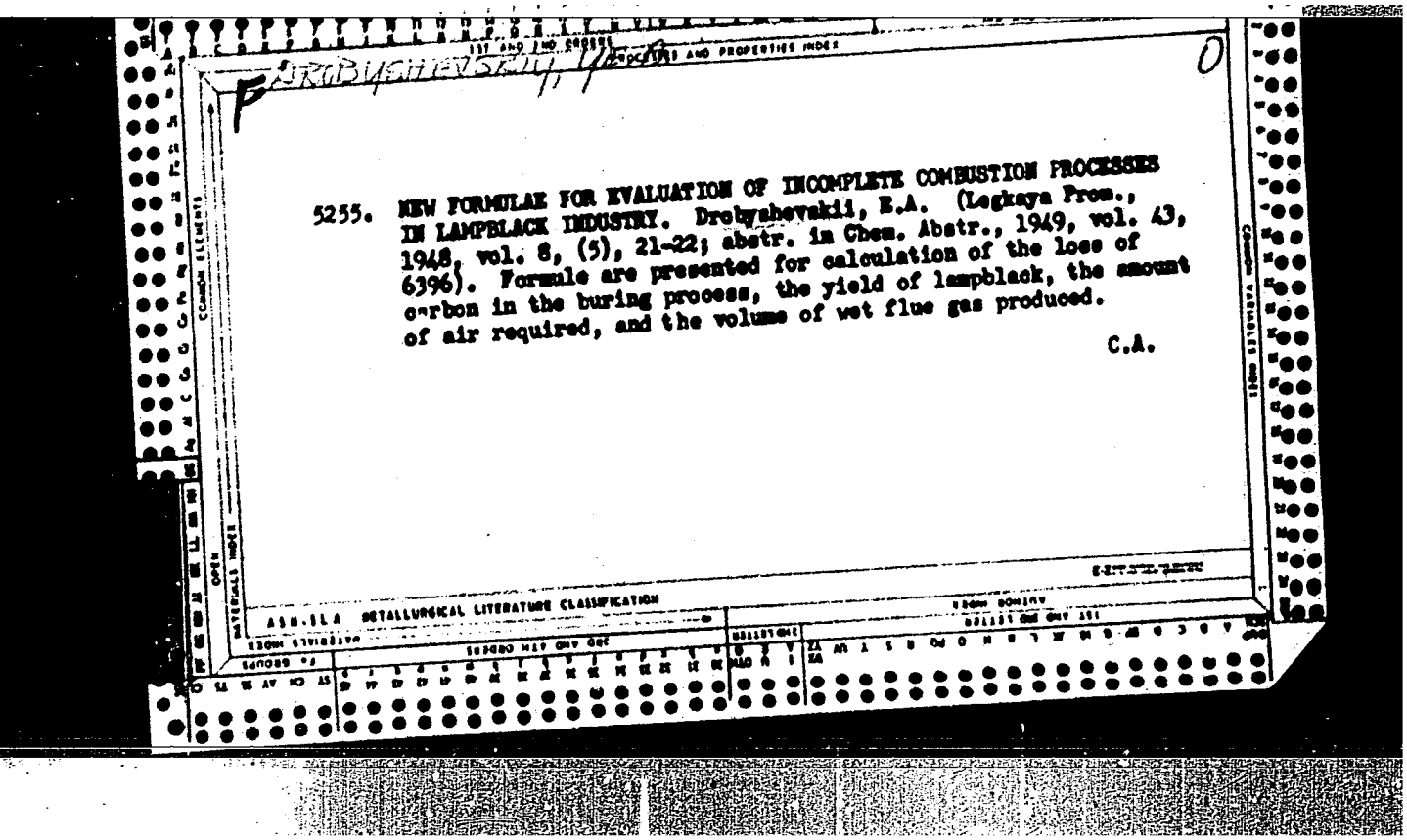
(PERIODONTIUM, dis.
periodontitis, dent. pulp in, morphol. of argyrophylic substance)
(DENTAL PULP, anat. & histol.
argyrophylic substance morphol. in periodontitis)

DROBYSHEVSKIY, V.L.

Mechanics of instruments in extracting teeth. Stomatologiia 37 no.2:38-42 Mr-Ap '58. (MIRA 11:5)

1. Iz Odesskogo nauchno-issledovatel'skogo stomatologicheskogo instituta (dir.-kandidat med.nauk M.I. Kukhareva)
(DENTAL INSTRUMENTS AND APPARATUS)





5255. NEW FORMULAE FOR EVALUATION OF INCOMPLETE COMBUSTION PROCESSES IN LAMPBLACK INDUSTRY. Dreiyshevskii, E.A. (Legkaya Prom., 1948, vol. 8, (5), 21-22; abstr. in Chem. Abstr., 1949, vol. 43, 6396). Formulæ are presented for calculation of the loss of carbon in the buring process, the yield of lampblack, the amount of air required, and the volume of wet flue gas produced.

C.A.

CHIRKIN, A.P., doktor tekhn.nauk, prof.; DROBYZKO, dotsent, kand.tekhn.nauk;
KLEPACH, P.T., kand.tekhn.nauk; SUKZHENKO, Z.I., inzh.

Investigating the performance of the fuel system of 2D100 diesel locomotive engine at low feeds. Trudy KHIIT no.35:4-12 '60.
(MIRA 13:10)

(Diesel engines--Fuel systems)

DROBZHEV, V.I.; ZELENKOV, V.Ye.; ZELENKOVA, I.A.

First results of a study of the motions of inhomogeneities in the ionosphere over Alma-Ata. Geomag. i aer. 4 no.6:1126-1127 N-D '64. (MIRA 18:1)

1. Sektor ionosfery AN Kazakhskoy SSR.

DROBZHEV, V.I.; ZELENKOV, V.Ye.; ZELENKOVA, I.A.

Study of the motion of an inhomogeneity in the ionosphere over Alma-Ata. Geomag. i aer. 5 no.3:581-583 My-Je '65.
(MIRA 18:5)

1. Sektor ionosfery AN Kazakhskoy SSR.

DROC, I.

Hydraulic turbine with two intake strokes; experiments with micromodel 150 L 3. p. 81. METALURGIA SI CONSTRUCTIA DE MASINI. (Ministerul Industriei Metlurgice si Constructiilor de Masini si Asociatia Stiintifica a Inginerilor si Technicielor) Bucuresti. Vol. 8, no. 4, Apr. 1956.

SOURCE: East European Acessions List, (EEAL), Library of Congress, Vol. 5, No. 11, November, 1956.

L 24210-66 EWT(1)/FCC/EWA(h)

ACC NR: AR6005254 SOURCE CODE: UR/0058/65/000/009/H020/H020

AUTHORS: Zelenkov, V. Ye.; Yakovets, A. F.; Kuzin, B. I.; Drobzhev, V. I. 39 B

TITLE: Measurement of collision frequency in the F2 layer 12

SOURCE: Ref. zh. Fizika, Abs. 9Zh153

REF. SOURCE: Tr. Sibirsk. fiz.-tekhn. in-ta pri Tomskom un-te, vyp. 45, 1964, 236-239

TOPIC TAGS: ionospheric radio wave, ionospheric physics, particle collision, F layer

ABSTRACT: The method of measuring the coefficient of reflection of radio waves from an ionosphere layer is used to determine the effective collision frequency in the F_2 layer. For measurements over the period from 18 through 25 April 1962, a value ν_{ef} = = 0.5 - 5.5·10^3 sec^{-1}. It is noted that with increase in ν_{ef} the degree of turbidity of the atmosphere increases and the velocity v_0 of random motion decreases. [Translation of abstract]

SUB CODE: 04, 20

Card 1/1 HV

DROC, I.

SELMICIU, I.; CRUCMANU, I.; DROC, I.

Preparation of sulphonamides monosubstituted on the N^4 atom with dicarboxylic acids. Rumanian M. Rev. 1 no.2:96 Apr-June 57.
(SULFATHIAZOLE, related compounds
N^4 -phthalyl & N^4 -succinyl sulfathiazole synthesis)

RUMANIA / Chemical Technology, Chemical Products and Their Application. Pharmaceuticals. Vitamins. Antibiotics.

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 16527

Author : Cruceanu, I.; Droc, I.
Inst : Not given
Title : Determination of Certain Sulfanylamides by Means of the Luminescent Capillary Method

Orig Pub : Farmacia (Romin), 1957, 5, No 1, 41-46

Abstract : As the result of experimental studies performed on a number of commonly used sulfamides [Sic] the authors established their characteristic fluorescent capillary images in filtered ultraviolet light. These images may be utilized as standards of comparison. Thus, a simple accurate and rapid method for the determination of sulfamides [Sic] has been developed. This method is applicable to the determination of individual compounds

Card 1/2

DROC, I., farmacist; COSTACHESCU, I., ing. chimist; TONTICI, G., ing. agronom; SOSCHIN, N., ing. agronom

Utilization of sorbic acid for wine stabilization. Ind alim veget 13 no.1:16-19 Ja '62.

DROC, N.; VAETUS, T.

Establishment of a formula for the computation of areas of forest nurseries. p. 539. REVISTA PADURILOR. (Asociatia Stiintifica a Inginerilor si Technicienilor din Romania si al Ministerului Agriculturii si Silviculturii) Bucuresti. Vol. 70, no. 11, Nov. 1955.

So. East European Accessions List Vol. 5, No. 8 August, 1956

DROC, N.; VAETUS, T.; COSTEA, A.

A cultivated stand of Quercus palustris L. in the Dumbrava Forest in Sibiu, p. 622. Conference on the subject "Application of Principles of Emplacement of Protective Shelter Belts for Agricultural Fields in the Dobruja Steppe in Order to Obtain Maximum Production." p. 622.

Vol. 70, no. 12, Dec. 1955
REVISTA PADURILOR
Bucurresti, Rumania

Source: East European Accession List. Library of Congress.
Vol. 5, No. 8, August 1956

VASILESCU,V.; CINCA,I.; DROCAN,J.; OPROIU,Al.; SUTEANU,St.

Data concerning the action of curara on the respiratory centre.
Rumanian M. Rev. 4 no.1:7-11 Ja-Mr '60.
(CURARE pharmacol.)
(RESPIRATION pharmacol.)

RUMANIA

POPESCU-IASI, I., MD; DROCAN, E., MD.

Bucharest, Viata Medicala, No 7, 1 Apr 63, pp 477-481.

"Electroencephalographic Manifestations during the Treatment with Piperazine."

(2)

ZAGER, O. [Sager, O.]; DROKAN, Zh. [Drocan, J.]; CHINKA, I.[Cinca, I.]

Electroencephalographic studies of acute disorders of cerebral blood circulation. Nauch. trudy Inst. nevr. AMN SSSR no.1: 233-240 '60. (MIRA 15:7)

1. Institut nevrologii imeni Pavlova Akademii Rumynskoy Narodnoy Respubliki, Bukharest.

(ELECTROENCEPHALOGRAPHY)
(CEREBROVASCULAR DISEASE)

DROKAN, Zh. [Drocan, J.]

Useful method of basal electroencephalography. Zhur. nerv. i psikh. 60 no. 2:167-171 '60. (MIRA 14:4)

1. Elektroentsefalograficheskaya laboratoriya Instituta imeni I.P. Pavlova Akademii Rumynskoy Narodnoy Respubliki pri nevrologicheskoy kliniki bol'nitsy Kolentina, Bukharest.
(ELECTROENCEPHALOGRAPHY)

ANTONIU, R., ing.; SALAY, G., ing.; DROCAN, N., dr.; GHEDERIM, V., ing. BONCIU, G., biolog; MARCOCI, S., biolog; MARCULESCU, I., radiochimist.

Studies on the conditions of utilizing domestic waters and sewage for irrigation of agricultural areas, made on the experimental grounds at Tuzla, Constanta region, in 1961. Studii prot epur apelor 4:61-147 '63.

DROCAN, Rodica; ALEXANDRI, Al.V.; BAICU, T.

Preliminary studies of the residues of parathion on the fruits and vegetables. Studii cerc biol veget 14 no.4:487-496 '62.

1. Comunicare prezentata de Eug. Radulescu, membru corespondent al Academiei R.P.R.

DROCAR, Frantisek, inz.

Cavitation of the Kaplan water turbines. Energetika Cz 13 no.12:648-652 D '63.

1. Vodna elektraren, Nosice.

DROCHNEV, Ya.G.; TOBUKDANOVSKIY, A.N.

Comparative effectiveness of ascending and descending methods of tree tapping. Gidrolis. i lesokhim. prom. 10 no.3:23-24 '57. (MLRA 10:5)

1. Opytnaya stantsiya podsochki i osmola TSentral'nogo nauchno-issledovatel'skogo lesokhimicheskogo instituta.
(Tree tapping)

BELYAYEVA, N.N.; DROCHNEV, Ya.G.

Methods for the collection of oleoresins. Gidrolиз. i lesokhim. prom 17 no.5:28-29 '64. (MIRA 17:10)

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

F

Country : Czechoslovakia
Category : Microbiology. Microbes Pathogenic For Man and Animals. Mycobacteria.
Abs. Jour : Ref Zhur-Biol., No 23, 1958, No 103920

Author : Galliovy, J.; Horak, Z.; Drodova, M.
Institut. : --
Title : Cultivation of BCG and M-P Strains on Dubos Nutritive Medium With a BCG Culture Filtrate as an Albumin Substitute

Orig Pub. : Rozhl. tubork. a nemocech plicnich., 1957, 17, No 4, 260-265

Abstract : Using the usual method of preparing BCG vaccine, a culture from Sauton's medium is ground up with small metal balls and, therefore, contains a certain number of dead and injured bacteria and fragments of them. Dubos suggested growing vaccine strains on a liquid medium with the addition of Tween-80, which brings about a diffuse growth of the culture which then collects at the bottom of the flask. In this way, the possibility is obtained of preparing the vaccine without preliminary grinding. Because commercial Tween contains a certain quantity of free fatty acids which are toxic to mycobacteria, Dubos adds bovine serum albumin to the culture medium; this

Card: 1/4

Country :
Catogory :

Abs. Jour : Ref Zhur-Biol., No 23, 1958, No103920

Author :
Institut. :
Title :

Orig Pub. :

Abstract : neutralizes the toxic effect of the Tween and, in addition, stimulates the growth of the mycobacteria. Vaccine prepared according to the Dubos method gives a higher percentage of positive and stronger reactions than the usual vaccine on intracutaneous testing, which is apprently explained by the higher content of live bacteria in it. The main objection to the use of vaccine prepared according to the Dubos modification is the impossibility of reliably sterilizing the serum albumin for purposes of preventing the possibility of transmission of virus infections. Therefore, the authors replaced the human albumin in Dubos' medium

Card: 2/4

Country :
Category :

Abs. Jour : Ref Zhur-Biol., No 23, 1938, No 103920

Author :
Institut. :
Title :

Orig Pub. :

Abstract :with filtrates from an 8-week subsurface BCG culture
)(Cont.) or M-P strain in a synthetic medium consisting of K_2HPO_4 1.5 grams, $MgSO_4$ 0.1 gram, asparagine 1.5 grams, glycerin 5.0 grams, distilled water 1000 cc and 10% Tween, or a 3-week culture on Sauton's medium filtered through a Birkhaug apparatus under pressure. Both filtrates are sterilized by passage through a Seitz filter. The filtrates obtained possess detoxifying properties similar to albumin but are almost completely devoid of growth factors, for which reason the BCG and M-P strains, which generally grow well on Dubos' medium with the culture filtrates, cannot withstand a large number of transplantations using this medium.

Card: 3/4

Country :
Category :

Abs. Jour :Ref Zhur-Biol., No 23, 1958, No 103520

Author :
Institut. :
Title :

Orig Pub. :

Abstract (Cont.) :Therefore, the authors suggest maintaining the principal strains on other media and plating them out on modified Dubos' medium for the purpose of preparing the vaccine. --M.A. Gruzman.

Card: 4/4

DROESE, H.

"Sandy arable soils, their soil science, plant culture, and economics" by W. Simon. Reviewed by H. Droese. Postepy nauk roln 9 no.1:157-158 Ja-F '62.

BIRECKI, M.; DROESE, H.; KOWALSKI, St.; SMIERZCHALSKI, L.

Preliminary research on the possibility of applying shallow plowing and its proper application in crop rotation. Rocz nauk roln rosl 83 no.1:49-72 '60. (EEAI 10:7)

1. Szkola Glowna Gospodarstwa Wiejskiego, Warszawa.
(Poland--Plowing) (Poland--Rotation of crops)

BIRECKI, M.; DROESE, H.; KOWALSKI, S.; SMIERZCHALSKI, L.

Possibility of applying shallow ploughing and its proper application in crop rotation (preliminary results of field investigations). Pt. 2. Rocz nauk roln rosl 83 no.4:853-876 '61.

BIRECKI, M.; DROESE, H.; KOWALSKI, S.; SMIERZCHALSKI, L.

Changes in the soil structure during the vegetation period under some plants demonstrated by different indexes. Rocz nauk roln rosl 83 no.4: 829-852 '61.

DROESE, Janina; STAWICKA, Danuta; TOCZKO, Maria; NIZIOLEK, S.; HRZESKI, W.; REIFER, I.

Biosynthesis and metabolism of Lupinus angustifolius alkaloids. II Biosynthesis of alkaloids isolated from germs and cotyledons. Acta biochim.polon. 7 no.4:459-468 '60.

1. Katedra Biochemii SGGW i Zaklad Biochemii Roslin Instytutu Biochemii i Biofizyki PAN, Warszawa, Kierownik: prof. dr Ignacy Reifer.
(ALKALOIDS metab)

TOCZKO, M.; BRZESKI, W.; DROESES, J.

Microbial degradation of lupanine.III. Alkaloid intermediates. Bul. Ac Pol Biol 9 no.11:447-451 '61.

1. Institute of Biochemistry and Biophysics, Polish Academy of Sciences and Department of Biochemistry, Central College of Agriculture, Warsaw. Presented by J.Heller.

SHATALOV, P.; STROKIN, P.; KOKAREVA, A.; DROFA, P.; AGAFONOV, I.

Surprise inspection of worker correspondents of the All-Union Central Council of Trade Unions periodical "Okhrana truda i sotsial'noe strakhovanie": There is not much use in this kind of control. Okhr. truda i sots. strakh. 3 no. 10:48-52 O '60. (MIRA 13:11)

1. Predsedatel'rabochkoma sovkhoza "Pobeda," Altay (for Shatalov). 2. Doverennyy vrach kraysovprofa, Altay (for Strokin). 3. Pomoshchnik epidemiologa Sharchinskogo rayona, Altay (for Kokareva). 4. Predsedatel' rabochkoma sovkhoza imeni Gastello, Altay (for Drofa). 5. Spetsial'nyy korrespondent zhurnala "Okhrana truda i sotsial'noye strakhovaniye" (for Agafonov).
(Altai Territory--Medicine, Rural)

DROFA, T.

The Ust'-Labinsk goals. Sov. profsoiuzy 19 no.12:8-9 Je '63.
(MIRA 16:8)

1. Predsedatel' profsoyuznogo komiteta Ust'-Labinskogo proizvodstvennogo kolkhozno-sovkhoznogo upravleniya, Krasnodarskiy kray.

(Ust'-Labinsk District--Agriculture)
(Ust'-Labinsk District--Trade unions)

SOV/35-59-8-6488

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1959, Nr 8, p 55

AUTHOR: Drofa, V.K.

TITLE: A Bright Bolide

PERIODICAL: Astron. tsirkulyar, 1958, September 18, Nr 195, p 25

ABSTRACT: A bolide moving from north-east to south-west was observed at the Astronomical Observatory of the Kiyev University on June 21, 1958. Its brightness was $8^m \pm 3^m$. Its trail was about 20° long. Its visual way and the times of its appearance and disappearance are given.

M.V.S.

Card 1/1

PRYAKHIN, Yu.P.; DROFA, V.K.; STRAYZHIS, V. [Straižis, V.]; RUBASHEVSKIY, A.A.

Auroras borealis. Astron.tsir. no.202:22 Je '59.
(MIRA 13:4)
(Auroras)

DROFA, V.K.

PHASE I BOOK EXPLOITATION SOV/5721

Vsesoyuznaya astrometricheskaya konferentsiya.

Trudy 14-y Astrometricheskoy konferentsii SSSR, Kiyev, 27-30 maya 1958 g. (Transactions of the 14th Astrometrical Conference of the USSR, Held in Kiyev 27-30 May 1958) Moscow, Izd-vo AN SSSR, 1960. 440 p. Errata slip inserted. 1000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Glavnaya astronomicheskaya observatoriya (Pulkovo).

Resp. Ed.: M. S. Zverev, Corresponding Member, Academy of Sciences USSR; Ed. of Publishing House: N. K. Zaychik; Tech. Ed.: R. A. Zamarayeva.

PURPOSE: The book is intended for astronomers and astrophysicists, particularly those interested in astrometrical research.

COVERAGE: This publication presents the Transactions of the 14th Astrometrical Conference of the USSR, held in Kiyev 27-30 May 1958. It includes 27 reports and 55 scientific papers presented at the plenary meeting of the Conference

Card 1/26

and at the special sectional meetings. An appendix contains the resolutions adopted by the Conference, the composition of the committees, the agenda, and the list of participants at the Conference. A brief summary in English is given at the end of each article. References follow individual articles. The Presidium of the Astrometrical Committee (Chairman M. S. Zverev), which supervised the preparation of this publication, expresses thanks to the members of the secretariat: V. M. Vasil'yev, I. G. Kol'chinskiy, A. B. Onegina, and Kh. I. Potter.

TABLE OF CONTENTS:

DROFA, V.K.

Astrograph at the Kiev Astronomical Observatory. Publ.KAO no.9
59-74 '61. (MIRA 16:7).
(Telescope)

DROFA, V.N. (Moskva)

Permanent axes of motion of a heavy gyrostat about a fixed point. Prikl. mat. i mekh. 25 no.5:941-945 S-O '61.
(MIRA 14:10)

(Gyroscope)

GORNYA, Anton Ageyevich; DROFA, Vasiliy Kirillovich; YAKOVKIN, A.A., otv. red.; LABINOVA, N.M., red.izd-va; RAKHLINA, N.P., tekhn. red.

[Relief of the boundary area of the moon; based on photographic observations on the astrograph of the Astronomical Observatory of Kiev University] Rel'ef kraevoi zony Luny; po fotograficheskim nabliudeniiam na astrografe astrono icheskoi observatorii Kievskogo gosudarstvennogo universiteta im. T.G.Shevchenko. Kiev, Izd-vo Akad. nauk USSR, 1962. 162 p. (MIRA 15:5)
(Moon—Surface)

DROFA, V.K.

Determining the constants of the moon's physical libration from micrometric observations with the 10" AO KGU refracting telescope. Publ. KAO no.10:16-58 '62. (MIRA 16:7)

(Moon—Libration)

DROFA, V.K.

Theory of the azimuth headpiece. Publ. KAO no.11:82-85 '62.
(MIRA 16:7)

(Theodolites)

DROFA, V.K.; CHERNEGA, N.A.

Device for photographing transit-circle readings. Publ. KAO no.11:92-97 '62. (MIRA 16:7)
(Transit circle)

DROFA, V.K.

Universal azimuth headpiece. Publ. KAO no.11:98-107 '62. (MIRA 16:7)

(Astronomical instruments)

ASTAPOVICH, I. S.[Astapovych, I. S.], doktor fiz.-matem. nauk; VSEKHSVYATSKIY, S. K.[Vsekhsviats'kyi, S. K.], doktor fiz.-matem, nauk, prof.; GORDELADZE, Sh. G., kand. fiz.-matem. nauk; GURTOVENKO, Ye. A.[Hurtovenko, E. A.], kand. fiz.-matem. nauk; DROFA, V. K., kand. fiz.-matem. nauk; TORZHEVSKAYA, G. P.[Torzhevs'ka, H. P.], zhurnalist

Telescope of "Nauka i zhyttia." Nauka i zhyttia 12 no.2:32 F '63. (MIRA 16:4)

(Astronomy—Observations)

DROFAN', Anatoliy Pavlevich, dvazhdy Geroy Sotsialisticheskogo Truda; POLYAKOVA, N., red.; MUKHIN, Yu., tekhn.red.

[Central figure] TSentral'naia figura. Moskva, Ges.izd-vo polit.lit-ry, 1961. 31 p. (MIRA 14:12)
(Litvinenko, Vasilii Timofeevich)

DROFENIK, Alojz, dipl., tehnik. (Celje)

Development of welding technique in the enterprise "Tovarna emajlirane posode, Celje". Var tehn 10 no.3:71-72 '61.

1. Tovarna emajlirane posode, Celje.

(Yugoslavia—Welding)

ACCESSION NR: AP3002620 S/0280/63/000/003/0191/0198

AUTHOR: Drogachenko, A. I. (Khar'kov)

TITLE: Graphic methods for determining coefficients of harmonic linearization of nonlinearities

SOURCE: AN SSSR. Izv. Otd. tekh. nauk. Tekhnicheskaya kibernetika, no. 3, 1963, 191-198

TOPIC TAGS: nonlinearity, linearization, harmonic linearization

ABSTRACT: In the process of harmonic linearization, the function F(x) has this form: $F(x) = F^0(A, x^0) + \left[q(A, x^0) + \frac{q'(A, x^0)}{\Omega}\right](x - x^0)$,

if the input signal is represented by an offset sine wave $x = x^0 + x^*$, where $x^* = A \sin \psi$, $\psi = \Omega t$. The functions q and q' are coefficients of harmonic linearization, and F^0 is the constant of expansion of F(x) into a Fourier series. Unlike the usual

ACCESSION NR: AP3002620

analytical approach to linearization, the article presents generalized graphic methods for (a) determining linearization coefficients for single-valued and two-valued piecewise-linear functions, and for (b) some arbitrary-form functions. Curves and nomograms are submitted for determining q, q′ and various auxiliary quantities. It is claimed that the graph's accuracy is adequate for engineering-design purposes. Orig. art. has: 7 figures and 17 formulas.

ASSOCIATION: none

SUBMITTED: 30Jun62 DATE ACQ: 16Jul63 ENCL: 00

SUB CODE: MM, CO NO REF SOV: 001 OTHER: 000

Card 2/2

ANDREYEVA-GALANINA, Yevgeniya TSezarevna; DROGACHINA, Esfir' Abramovna; ARTAMONOVA, Volya Georgiyevna; BURLOVA, L.Ya., red.; CHUNAYEVA, Z.V., tekhn. red.

[Vibration sickness] Vibratsionnaia bolezn'. Leningrad, Medgiz, 1961. 173 p. (MIRA 14:12)
(VIBRATION—PHYSIOLOGICAL EFFECT)

SONIN, S.D., prof.; KOLOSOV, A.V., kand. tekhn. nauk; YUSHCHENKO, A.A., gorn. inzh; DROGAL', G.G.; RESHETNIK, G.I.

Preliminary results of the testing of hydraulic filling equipment and techniques in mining thin flat seams. Ugol' 36 no.9:14-17 S '61. (MIRA 14:9)

1. Moskovskiy gornyy institut im. I.V.Stalina (for Sonin, Kolosov, Yushchenko). 2. Glavnyy inzhener tresta Kirovugol' (for Drogal'). 3. Glavnyy inzhener shakhty no.1-2 "Novaya Golubovka" (for Reshetnik).

(Hydraulic mining)

DROGAL', Grigoriy Grigor'yevich; ALGASOV, Vladimir Stepanovich; LYCHKO, Ivan Grigor'yevich; KITAYSKIY, Ye.V., otv. red.; MESHCHANKINA, I.S., tekhn. red.

[Rapid crosscutting] Opyt skorostnogo provedeniia gornykh vyrabotok. Moskva, 1962. 27 p. (MIRA 16:8)

1. TSentral'nyy institut tekhnicheskoy informatsii ugol'noy promyshlennosti.

(Coal mines and mining)

DROGAL', G.G.

Some problems of the reorganization of coal mines. Ugol'.prom. no.1:12-17 Ja-F '62. (MIRA 15:8)

1. Upravlyayushchiy trestom "Kirovugol'".
(Dnieper Basin--Coal mines and mining)

S/069/62/024/002/003/008
B110/B144

5.1115

AUTHORS: Drogalova, T. V., Kiselev, A. V., Korolev, A. Ya., El'tekov, Yu. A.

TITLE: Production and properties of ethylene glycol aerosil

PERIODICAL: Kolloidnyy zhurnal, v. 24, no. 2, 1962, 152 - 158

TEXT: The surface of aerosil was modified with ethylene glycol to reduce the adsorption energy and preserve the hydrophilic character and selective action of functional groups. Etherification of silanol groups with ethylene glycol $-\overset{|}{\underset{|}{Si}}-OH + HOC_2H_4OH \longrightarrow -Si-O-C_2H_4OH + H_2O$ causes coating of the aerosil surface with ethylene glycoxy groups, one hydroxyl group of which is located at the end. First the increase in the degree of modification is comparatively fast as the time of ethylene glycol action increases, then it slows down. The number of $\sim CH_2-CH_2-$ groups grafted onto the unit surface varies between 2 and 6 per 100Å^2. When one hydroxyl group reacts with one diol molecule, the substitution degree of OH groups is:

Card 1/4

Production and properties of ethylene... 069/62/024/002/003/008
D111/B144

$\equiv$-OH $\longrightarrow$ -OC_2H_4OH = $\equiv$-CH_2-CH_2-/$\equiv$-OH$\rangle\!\rangle\equiv$-CH_2-CH_2-/9. Only 2/3 of the OH groups located on the surface of hydrated silica were substituted. The adsorption isotherms of substituted aerosils showed that the adsorption of nitrogen, n-hexane, and argon vapors was not affected but that of benzene and methanol vapors rapidly reduced. This reduction is due to chemical changes of the surface and their effect on adsorption since the specific surface of aerosil is hardly changed by etherification. In a dense monolayer, the area per molecule is $\omega_m = s_{N_2}/a_m N$, where a_m is the capacity of the monolayer, s_{N_2} is the specific surface. Substitution of ethoxy for silanol groups causes decrease in a_m for methanol and benzene. With nitrogen and methanol the equilibrium constant decreases with increasing substitution degree. Grafting may be applied to diol substitution: (1) to one or two OH groups, (2) to -Si-O-Si- bridges, and (3) to bridges and OH groups. More complex compounds may form on the surface since ethylene glycol forms polymer chains in the presence of oxide catalysts. This causes a composite mosaic structure of the modified layer. Screening of silica with ethylene

Card 2/4

glycol groups improves dispersion and disaggregation of aerosil particles owing to a decrease in their interaction. Disaggregation is important for the introduction of modified aerosil as filler into polyurethanes. The gluing strengths of modified and initial quartz hardly differ. The hydroxyl groups of the quartz surface react vigorously with the isocyanate groups of the glue. The adhesive power is to be preserved, and wetting and complete disaggregation of filler particles in the polymer are to be reached by chemical modification aimed regulation of surface properties of highly disperse fillers. Screening of the silica surface by a dense layer of unpolar, chemically inert groups reduces adsorption and adhesion. Modification with dimethyl dichloro silane thus forms a thick, continuous polymethyl siloxane layer eliminating the polar glue-quartz adhesion. There are 2 figures, 4 tables, and 16 references.

ASSOCIATION: Institut fizicheskoy khimii AN SSSR Gruppa khimii poverkhnosti (Institute of Physical Chemistry AS USSR, Group of Surface Chemistry). Moskovskiy universitet im. M. V. Lomonosova Laboratoriya adsorbtsii Khimicheskiy fakul'tet (Moscow University imeni M. V. Lomonosov, Adsorption Laboratory, Chemical Division)

Production and properties of ethylene... S/069/62/024/002/003/008
B110/B144

SUBMITTED: April 26, 1961

X

Card 4/4

S/069/62/024/005/001/010
B107/B186

AUTHORS: Aristov, B. G., Davydov, V. Ya., Drogaleva, I. V., Karnaukhov, A. P., Kiselev, A. V., Korolev, A. Ya., Polyakov, A. L.

TITLE: The modification of highly dispersed silica aerosil by hydrothermal treatment

PERIODICAL: Kolloidnyy zhurnal, v. 24, no. 5, 1962, 513 - 521

TEXT: The influence of temperature and duration of hydrothermal treatment on the aerosil's specific surface area and power to adsorb nitrogen is systematically studied, and some samples were examined by electron microscope. The original material was industrial aerosil prepared by high-temperature hydrolysis of $SiCl_4$ as well as the material Bk-1 (VK-1) prepared by burning off silico-organic compounds. The hydrothermal treatment was accomplished at 120 - 410°C in periods ranging between 4 and 132 hr, after which the samples were dried at 150°C and their adsorption of nitrogen at its boiling point was measured. From this the specific surface area was calculated by the BET method. Results in

Card 1/4

Table 1 show that the specific surface diminishes with increasing temperature and duration of hydrothermal treatment. Electron microscope exposures showed that this is due to coarsening of the particles. If the absolute amount of adsorption is plotted against p/p_s (where p_s is the saturation vapor pressure of the nitrogen) a very reproducible isotherm is obtained (Table 2). Within the range $p/p_s = 0.015 - 0.3$ this can be represented by the BET equation: $\alpha = \frac{\alpha_m C p/p_s}{(1-p/p_s)[1+(C-1)p/p_s]}$ with $\alpha_m = 10.25$ µmol/m^2, $C = 164$. In the range $p/p_s = 0.2 - 0.8$ the isotherm conforms to Halsay and Hill (references see below). As formulated by Pierce (reference see below) this reads $(\alpha/\alpha_m)^{2.75} = (\alpha/10.25)^{2.75} = 1.30/\log(p/p_s)$. It is pointed out that this isotherm makes it possible to determine the specific surface area of a nonporous or large-pore silica with hydrated surface area from a single experimentally fixed point, according to the equation $s = a/\alpha$ m^2/g (a being the adsorption in µmol/g and α the value of the isotherm for the same p/p_s). There are

6 figures and 2 tables. The most-important English-language references are: G. D. Halsay, J. Chem. Phys., 16, 931, 1948; T. L. Hill, J. Chem. Phys., 17, 590, 1961; C. Pierce, J. Phys. Chem., 63, 1076, 1959; 64, 1184, 1960.

ASSOCIATION: Moskovskiy universitet, Khimicheskiy fakul'tet (Moscow University, Division of Chemistry)

SUBMITTED: September 9, 1961

Table 1. Specific surface area (m^2/g) of aerosil in dependence on temperature and duration of hydrothermal treatment in an autoclave. The specific surface area of the initial aerosil was 187 m^2/g.
Legend: 1. Temperature in °C; 2. Duration of treatment in hr; 3. Specific surface area in m^2/g.

Table 2. Absolute amount of nitrogen gas adsorbed, at its boiling point, on hydrated samples of nonporous amorphous silica. The surface area covered by a molecule of nitrogen corresponding to a monolayer of (ω_m) thickness is put at 16.2 Å and the degree of filling $\vartheta = \alpha/\alpha_m$, wherefrom

α_m, the capacity of the monolayer works out as $1/\omega_m = 10.25$ μmol/m^2.
Legend: 1. α, μmol/m^2.

Table 1

1 Температура, °C	2 Время обработки, часы: 4	8	19,5	132
120	177	187	174	160
200	158	—	142	104
275	120	132	111	46
350	60	—	50	33
410	—	—	25	—

1: Удельная поверхность, м²/г

Table 2

p/p_s	α, мкмоль/м²	$\theta = \frac{\alpha}{10,25}$	p/p_s	α, мкмоль/м²	$\theta = \frac{\alpha}{10,25}$	p/p_s	α, мкмоль/м²	$\theta = \frac{\alpha}{10,25}$
0,00003	2,00	0,195	0,0013	4,57	0,446	0,260	13,40	1,307
0,00005	2,25	0,220	0,0024	5,00	0,488	0,300	14,00	1,366
0,00008	2,50	0,244	0,0037	5,40	0,527	0,350	14,70	1,434
0,00010	2,65	0,259	0,0055	5,90	0,573	0,400	15,30	1,493
0,00013	2,85	0,278	0,0075	6,45	0,629	0,450	16,50	1,610
0,00017	3,05	0,298	0,0095	6,70	0,654	0,500	17,25	1,683
0,00020	3,20	0,312	0,014	7,40	0,722	0,550	18,05	1,761
0,00023	3,30	0,322	0,025	8,30	0,810	0,600	19,00	1,854
0,00027	3,40	0,332	0,040	9,00	0,878	0,650	20,10	1,931
0,00031	3,50	0,341	0,060	9,80	0,958	0,700	21,30	2,078
0,00037	3,60	0,351	0,080	10,30	1,005	0,750	22,70	2,215
0,00043	3,70	0,361	0,100	10,80	1,054	0,800	24,40	2,380
0,00051	3,82	0,373	0,130	11,40	1,112	0,850	26,50	2,585
0,00060	3,94	0,384	0,160	11,90	1,161	0,900	30,30	2,956
0,00075	4,13	0,403	0,190	12,40	1,210	0,950	37,65	3,673
0,00095	4,35	0,424	0,220	12,80	1,249			

Card 4/4

BODROVA, V.V.; DROGALEVA, I.V.; KISHLEV, B.A.; KOROLEV, A.Ya.; LEZNOV, N.S.; MINDLIN, Ya.I.

Method for improving the properties of glass plastics. Plast. massy no.3:30-32 '63. (MIRA 16:4)

(Glass reinforced plastics)

DROGAYTSEV, D. A.

PHASE I BOOK EXPLOITATION SOV/4149

Leningrad. Arkticheskiy i Antarkticheskiy nauchno-issledovatel'skiy institut

Problemy Arktiki; sbornik statey, vyp. 7 (Problems of the Arctic; Collection of Articles, No. 7) Leningrad, Izd-vo "Morskoy transport," 1959. 135 p. 500 copies printed. XEROX COPY

Additional Sponsoring Agency: USSR. Ministerstvo morskogo flota.

Resp. Ed.: V.V. Frolov; Editorial Board: L.L. Balakshin, A.A. Girs, P.A. Gordiyenko (Deputy Resp. Ed.), I.M. Dolgin, L.G. Kaplinskaya, A.A. Kirillov, Ye.S. Korotkevich, V.V. Lavrov, I.V. Maksimov, A.I. Ol', I.I. Poznyak, and B.V. Felisov; Tech: L.P. Drozhzhina.

PURPOSE: The publication is intended for geographers, oceanographers, and particularly for all those interested in the studies of Arctic and Antarctic regions.

COVERAGE: This collection of 19 articles is the seventh of a series of publications dealing with problems of the Arctic and Antarctic. The articles deal mainly with the characteristics of water in the Barents Sea, hydrological conditions in the estuaries of Siberian rivers, types of atmospheric circulation in the Arctic,

Card 1/5

distribution of the hydrological stations in the Soviet Arctic, magnetic storms and their effect on radio communications. Included is brief information on Soviet meteorological and oceanographical expeditions. References accompany most of the articles. No personalities are mentioned.

TABLE OF CONTENTS:

DROGAL', V.V., inzh.

Using magnetic-fluid-abrasive method for grinding and polishing steel needles. Vest. mash. 38 no.4:42-44 Ap '58. (MIRA 11:3)
(Grinding and polishing)

AVARSIN, Ya.D.; KOROLEV, A.Ya.; MINDLIN, Ya.I.; DROGALEVA, I.V.; PRIGOREVA, A.I.; prinimali uchastiye: MARENKOVA, V.P., tekhnik; REVINA, M.A., tekhnik; MARTYNKINA, L.F., inzh.

Effect of chemical treatment of a glass fiber surface on the properties of fiber glass reinforced plastics. Plast.massy no.7:31-35 '60. (MIRA 13:10)

(Glass reinforced plastics)

DROGALEVA, I.V.

~~5 (4)~~ 5.1115

66479

AUTHORS: Babkin, I. Yu., Vasil'yeva, V. S., SOV/20-129-1-36/64
Drogaleva, I. V., Kiselev, A. V., Korolev, A. Ya.,
Shcherbakova, K. D.

TITLE: The Effect of the Degree of Surface Modification of Silica by Trimethylchlorosilane on Its Absorptive Properties

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 129, Nr 1, pp 131-134 (USSR)

ABSTRACT: In previous papers (Refs 1, 2) the authors showed that the physico-chemical surface properties of highly dispersed materials, such as carbon black or silica, can be influenced to a considerable degree by chemical reactions. The present paper reports on experiments carried out under the cooperation of L. I. Doroshina, M. G. Kuz'mina, G. M. Lyulina, and L. F. Pavlova, with the aim of reducing the adsorbing capacity of highly dispersed non-porous silica (aerosil) for hydrocarbons. To attain this, the aerosil surface was occupied with $Si(CH_3)_3$-groups. Since complete occupation is only possible on previously hydratized silica, the following samples were investigated: (1) the original aerosil -

Card 1/3

The Effect of the Degree of Surface Modification of Silica by Trimethylchlorosilane on Its Absorptive Properties

SOV/20-129-1-36/64

sample A1, (2) original aerosil, modified by treatment with trimethylchlorosilane - sample A1M, (3) aerosil hydratized in an autoclave - sample A1H, and (4) aerosil, hydratized in an autoclave, and then modified by treatment with trimethylchlorosilane - sample A1HM. The amount of trimethylsilyl-groups adhering to the silica surface was determined by means of microelementary analysis. The degree $\theta_{Si(CH_3)_3}$ to which the surface area is occupied is calculated from the size of the trimethylsilyl-groups (42 $Å^2$). The specific surface, its carbon content, and the degree to which it is occupied by trimethylsilyl-groups are shown in table 1. The effect of these groups lies in the fact that the interspaces between the groups, even when the surface is not occupied completely, but only in the manner of a mosaic - become so small that the larger hydrocarbon molecules are not able to penetrate to the surface. The adsorption isotherms for vapors of n-hexane, benzene, and methanol are given in figure 1, those for water in figure 2. The adsorption of hydrocarbons is decreased less than that of water on a 58% modified

66499

The Effect of the Degree of Surface Modification of Silica by Trimethylchlorosilane on Its Absorptive Properties SOV/20-129-1-36/64

surface. 93% Modification produces a sharp decrease in the adsorbing capacity of the surface. The isotherm for heavy hydrocarbons becomes practically linear. This phenomenon may be of value for the chromatographic separation of hydrocarbon mixtures by means of gas adsorption. There are 2 figures, 1 table, and 11 references, 9 of which are Soviet.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University imeni M. V. Lomonosov). Vsesoyuznyy nauchno-issledovatel'skiy institut aviatsionnykh materialov (All-Union Scientific Research Institute for Aviation Materials)

PRESENTED: June 13, 1959, by M. M. Dubinin, Academician

SUBMITTED: June 11, 1959

Card 3/3

S/020/61/136/004/018/026
B028/B060

AUTHORS: Vasil'yeva, V. S., Drogaleva, I. V., Kiselev, A. V., Korolev, A. Ya., and Shcherbakova, K. D.

TITLE: Geometrical and Chemical Modifications of Silica Gel for Purposes of Gas Chromatography

PERIODICAL: Doklady Akademii nauk SSSR, 1961, Vol. 136, No. 4, pp. 852-855

TEXT: The present paper deals with the crystalline and the chemical modifications of SiO_2. Silica gel of the type ШСК(ShSK) served as the initial material. Industrial silica gel was washed with diluted hydrochloric acid (1:1) for the purification of iron and other metal ions (up to the negative reaction with ammonium thiocyanate, and with distilled water for the purification of Cl ions (up to the negative reaction with silver nitrate). This purified СИ (SI) silica gel had an inhomogeneous surface and constituted the initial material for the further modification experiments. For the crystalline modification, SI

Card 1/5

Geometrical and Chemical Modifications of Silica Gel for Purposes of Gas Chromatography

S/020/61/136/004/018/026
B028/B060

was heated with water in the autoclave at 275°C for 19.5 hours. The resulting product was CГ (SG) silica gel. Type CГM(SGM) was obtained by treating SG with liquid trimethyl chloro silane. The analysis of SGM for C content showed that 100 A of the SGM surface contained 1.22% C, i.e., on an average, 2.7 trimethyl chloro silyl groups. This corresponds to a coating by organosilicon film of an almost maximum density. Prior to the adsorption experiments, the samples were heated for a fairly long time in vacuum adsorbers in small suspended quartz crucibles at 150°C and a pressure of $1 \cdot 10^{-5}$ mm Hg. In the range of pressure ratios of p/p_s from 0 to 1, isothermal lines were obtained for the adsorption and the desorption of benzene vapor. In the case of SG the isothermal line deviates sharply toward the lower right side. With the beginning of the capillary condensation the hysteresis curve shifts from $p/p_s = 0.2$ for SI to $p/p_s = 0.75$ for SG. At $p/p_s = 0.1$, the benzene adsorption a on SI and SG equals $2\mu mole/m^2$, whereas $a = 0.1\mu mole/m^2$ for SGM. In other words, the benzene adsorption drops to the 20th part with the chemical modification (SGM). Experiments with SGM were conducted jointly with R. S. Petrova, N. Ya. Smirnov, V. I. Kalmanovskiy, N. Balakhnina, and Ya. I. Yashin.

Card 2/5

Geometrical and Chemical Modifications of Silica Gel for Purposes of Gas Chromatography

S/020/61/136/004/018/026
B028/B060

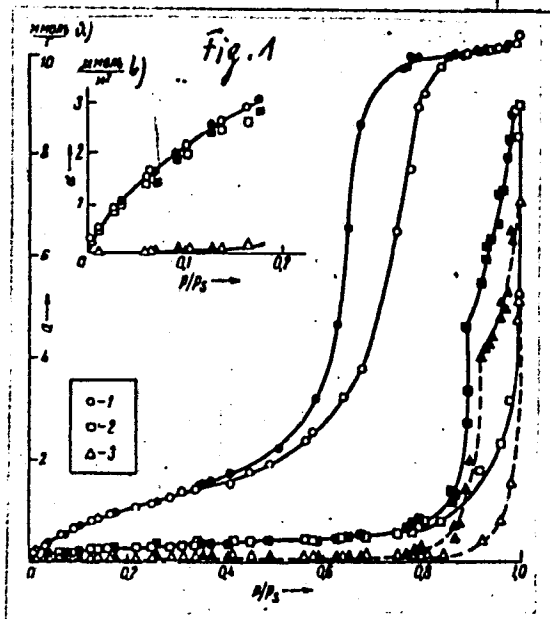
Experiments concerning the possibilities of application of SGM for chromatography were made with a chromatograph of the firm Griffin and George, featuring a column 4mm in diameter and 1m in length. Benzene was kept in the column at normal temperature for 30 min. At 82°C, the time for benzene was 12'40", and 1'50" for hexane. For benzene-hexane separations by gas-adsorption chromatography, the silica gels used were impregnated with silicon E-301 (Ye-301). As may be seen from Fig. 2 (2 B and 2 B) benzene-hexane mixtures are more quickly distributed by the method of gas adsorption than by the gas-liquid method. There are 2 figures, 1 table, and 9 Soviet references.

ASSOCIATION: Institut fizicheskoy khimii Akademii nauk SSSR (Institute of Physical Chemistry, Academy of Sciences USSR). Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University imeni M. V. Lomonosov)

PRESENTED: December 28, 1960, by D. I. Shcherbakov, Academician

SUBMITTED: July 25, 1960

Card 3/5



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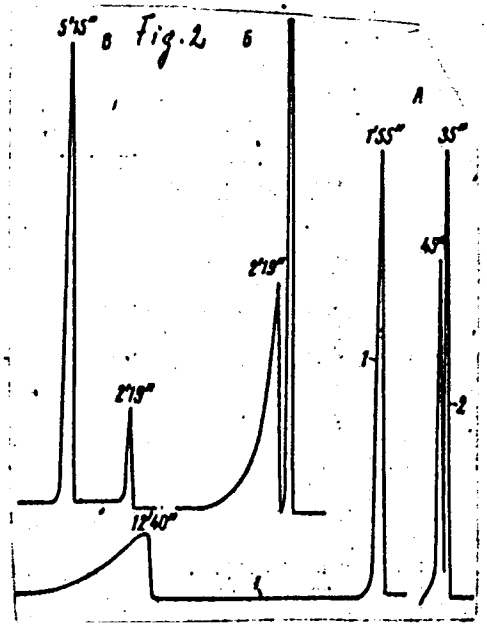
B028/B060



Card 4/5

S/020/61/136/004/018/026
B028/B060

Legend to 1: Adsorption isotherms for benzene vapor. a) m mole/g b) m mole/m^2. 1) for SI, 2) for SG, 3) for SGM. The small diagram at the upper left side shows the initial range of isothermal adsorption of benzene calculated per surface unit for the three silica gels.

Legend to 2: Chromatograms of the mixtures of benzene and n-hexane vapor A at 82°C 1) SG 2) SGM.Б, at 35°C on SGM,Б at 74°C at E-301.

Card 5/5

VASIL'YEVA, V.S.; DROGALEVA, I.V.; KISELEV, A.V.; KOROLEV, A.Ya.
SHCHERBAKOVA, K.D.

Geometrical and chemical modification of silica gel for gas chromatography. Dokl. AN SSSR 136 no.4:852-855 F '61.
(MIRA 14:1)

1. Institut fizicheskoy khimii AN SSSR i Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova. Predstavleno akademikom D.I. Shcherbakovym.
(Silica) (Gas chromatography)

[redacted], G.V., inzhener; RUSAKOV, V.K., inzhener; ASHAVSKIY, A.V., inzhener.

Installation for vibration-churn drilling of blast holes in hard rock. Gor.zhur. no.9:41-44 S '57. (MIRA 10:9)

1. TSentral'noye konstruktorskoye byuro Ministerstva geologii i okhrany nedr.

(Rock drills)

KUTUKOV, A.I., inzh.; DROGALIN, G.V., inzh.

Raising safety requirements in designing new equipment for the petroleum and natural-gas producing industry. Bezop.truda v prom. 3 no.2:6-8 F '59. (MIRA 12:2)
(Gas, Natural--Safety measures)
(Petroleum industry--Safety measures)

DROGALIN, G.V., inzh.; OVSYZNNIKOV, Yu.N., inzh.

Eliminate accidents in operating equipment in oil fields. Bezop. truda v prom. 3 no.7:9-11 Jl '59. (MIRA 12:11)
(Oil fields--Safety measures)

[redacted]

DROGALIN, G.V.; OVSYANNIKOV, Yu.N.

Republic conference on safety measures in geological surveys.
Bezop.truda v prom. 4 no.2:38-39 F '60. (MIRA 13:5)
(Geological surveys--Safety measures--Congresses)

KUTUKOV, A.I., red.; ZAYTSEV, A.P., red.; DROGALIN, G.V., red.; POLESIN, Ya.L., red.; KOSTYUKOV, N.N., red.; KURAS, D.M., red.; LUZHNIKOV, A.M., red.; RODIONOV, I.S., red.; BLOKH, S.S., red.; SULTANOV, D.K., red.; BIBILUROV, V.P., red.; PETROV, A.I., red.; KHARCHEVNIKOV, N.M., red.; ANDRIANOV, K.I., red.; GADZHINSKAYA, M., red.izd-va; BERESLAVSKAYA, L.Sh., tekhn.red.

[Safety regulations for petroleum and gas producing industries] Pravila bezopasnosti v neftegazodobyvaiushchei promyshlennosti. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 123 p. (MIRA 14:3)

1. Russia (1917- R.S.F.S.R.) Gosudarstvennyy komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. 2. TSentral'nyy apparat Gosgortekhnadzora RSFSR (for Kutukov, Zaytsev, Drogalin, Polesin, Kostyukov, Kuras, Luzhnikov, Rodionov, Blokh). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut po tekhnike bezopasnosti (for Sultanov). 4. Upravleniya okrugov Gosgortekhnadzora RSFSR (for Bibilurov, Petrov, Kharchevnikov). 5. TSentral'nyy komitet profsoyuza rabochikh neftyanoy i khimicheskoy promyshlennosti (for Andrianov).

(Oil fields--Safety measures)
(Gas industry--Safety measures)

KUTUKOV, A.I., insh.; DROGALIN, G.V., insh.

Open oil and gas rushers and means for combatting them. Bezop.truda v prom. 4 no.4:14-17 Ap '60. (MIRA 13:9)
(Oil well drilling--Safety measures)

DROGALIN, G.V.; KURAS, D.M.; POLESIN, Ya.L.; NOVIKOV, M.M., nauchnyy red.; IONINA, I.N., ved. red.; YASHCHURZHINSKAYA, A.B., tekhn. red.

[Safety engineering in geological prospecting] Tekhnika bezopasnosti pri geologorazvedochnykh rabotakh. Leningrad, Gos. nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1961. 370 p. (MIRA 15:3)

(Prospecting—Safety measures)

DROGALIN, G.V., inzh.

New safety regulations for the petroleum and gas industry. Bezop. truda v prom. 5 no. 5:37-38 My '61. (MIRA 14:5)
(Oil fields--Safety measures)

DROGALIN, Grigoriy Vasil'yevich; KURAS, Demiz Matveyevich; POLESIN, Yakov Lazarevich; NOVIKOV, M.M., nauchn. red.; BEKMAN, Yu.K., ved. red.

[Safety measures in geological prospecting] Tekhnika bezopasnosti pri geologorazvedochnykh rabotakh. Izd.2. Moskva, Izd-vo "Nedra," 1964. 440 p. (MIRA 17:6)

DROGALIN, K. V.

Drogalin, K. V. - "The possibilities in the utilization sifting machines," In the symposium: Soobsbshch. i referaty (Vsesoyuz. nauch.-issled. in-t zerna i produktov ego pererabotki), Moscow, 1949, p. 33-39

SO: U-5240, 17, Dec. 53, (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

DROGALIN, K., kandidat tekhnicheskikh nauk.

Ways of improving the quality of intermediate products in milling high-grade flour. Muk.-elev.prom. 21 no.12:18-21 D '55. (MLRA 9:4)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut zerna i produktov ego pererabotki.
(Grain-milling machinery)

DROGALIN, K., kandidat tekhnicheskikh nauk.

Special problems in ventilating millet during storage. Muk.-elev. prom. 22 no.6:7-10 Je '56. (MLRA 9:9)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut zerna i produktov ego pererabotki.
(Millet--Storage) (Ventilation)

DROGALIN, K.V., kand.tekhn.nauk

Principles for calculating grain ventilation equipment. Mekh.i elek.sots.sel'.khoz.no.6:23-29 '57. (MIRA 10:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zerna i produktov i ego pererabotki.
(Grain--Storage) (Ventilation)

DROGALIN, K., kand. tekhn. nauk.

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