

DERGACHEV, V.G., inzh.

Determining the marking of leads of the stator winding in asyn-  
chronous motors. Avt.dor. 24 no.6:32 Je '61. (MIRA 14:7)  
(Electric motors, Induction)

BOGOYAVLENSKIY, Konstantin Nikolayevich; ZHALOBOV, Viktor  
Vladimirovich; DERGACHEV, Vladimir Ivanovich; ZUBTSOV,  
Mikhail Yefimovich; LANDIKHOV, Aleksandr Denisovich;  
POSTNIKOV, Nikolay Nikolayevich; MILLER, L.Ye., red.;  
EL'KIND, L.M., red.izd-va; ISLENT'YEVA, P.G., tekhn.red.

[Working nonferrous metals and alloys by pressure] Obra-  
botka tsvetnykh metallov i splavov davleniem. [By] K.N.  
Bogoyavlenskii i dr. Izd.2.; perer. i dop. Moskva, Me-  
tallurgizdat, 1964. 564 p. (MIRA 17:3)

1. DERGACHEV, V. K.
2. USSR (600)
4. Tuberculosis
7. Certain problems of working with out-patients. Probl. tub., No. 1, 1953.

Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

PODGHAYNOVA, V.N.; DOIGOREV, A.V.; DERGACHEV, V. Ya.

Use of antipyrine derivatives in analytical chemistry. Report  
No. 2: Photometric determination of vanadium by means of dianti-  
pyrylvinylbenzenemethane and diantipyryl-3,4-dimethoxyphenyl-  
methane. Zhur. anal. khim. 21 no.1:53-58 '66 (MIRA 19:1)

1. Ural'skiy politekhnicheskiy institut imeni Kirova, Sverdlovsk.

sov/86-58-7-33/38

AUTHOR: DERGACHEV, Ye. A., Col

TITLE: Intermittent Photographing of Instrument Panel  
(Impul'snaya s"yemka pribornoy doski)

PERIODICAL: Vestnik vozdushnogo flota, 1958, Nr 7, pp 84-85 (USSR)

ABSTRACT: This article describes a method used to check whether various aerial maneuvers are executed properly by a pilot in a singleseater fighter. For this purpose the AKS-3 gun camera (S-13 gun camera can also be used) is used for recording the instrument readings in the pilot's cockpit. The photos are taken at intervals of 1 to 3 seconds, depending on the kind of exercise the pilot is performing. After the flight, on the basis of recorded instrument readings (speed, altitude, bank angle, heading), the errors made by the pilot can be discovered.

Card 1/1

SHAPOSHNIKOVA, O.A., st. nauchnyy sotr.; USHAKOVA, A.V., st. nauchnyy sotr.; DERGACHEVA, A.G., st. nauchnyy sotr.; VANCHIKOV, A.N., prof.; PLETNIKOVA, K.N.; IVANOVA, L.G.; LABUZOVA, Z.I.; DERYUZHIN, V.G., red.; NOSKOVA, P.F., red.; POTAPOVA, N.L., tekhn. red.

[Processing of lavsan in a blend with cotton and viscose fibers] Pererabotka lavsana v smesi s khlopkom i viskoznyim voloknom. Moskva, 1962. 55 p. (MIRA 16:4)

1. Tsentral'nyy institut nauchno-tekhnicheskoy informatsii legkoy promyshlennosti.  
(Spinning) (Synthetic fabrics)

DERGACHEVA, A. I.

Mechanizing auxiliary operations at finishing plants. Tekst.prom.  
17 no.6:44-47 Je '57. (MIRA 10:7)  
(Textile machinery)

GRIGOR'YEVA, N.K.; DERGACHEVA, K.N.

Sodium and potassium pervanadates. Izv. AN SSSR. Otd. khim. nauk  
no. 6:943-948 '62. (MIRA 15:8)

1. Institut obshchey i neorganicheskoy khimii im. N.S. Kurnakova  
AN SSSR. (Sodium vanadate) (Potassium vanadate)



NOVIKOVA, Ye.N.; DERGACHEVA, L.A.

Determination of ethyl alcohol in absolute attar of roses.  
Trudy VNIISNDV no.5:81-82 '61. (MIRA 14:10)  
(Ethyl alcohol) (Attar of roses)

DERGACHEVA, L.G.

A light in the window. Vest.Vozd.Fl. no.3:81-84, Mr '61.  
(MIRA 14:6)  
(Domestic relations)

DERGACHEVA, L.G.

They fly tomorrow. Vest.Vozd.Fl. no.6:67-68 Jo '61. (MIRA 14:8)  
(Air pilots--Diseases and hygiene)

DERGACHEVA, L.M.; YAKOVENKO, V.V.

Machine for cleaning dust off work clothes. Adm.-byt. komb.  
ugol'. shakht. no.4:34-37 '61. (MIRA 15:8)

1. Donetskij nauchno-issledovatel'skiy institut nadshakhtnogo  
stroitel'stva.  
(Work clothes--Cleaning) (Dust--Removal)

DERGACHEVA, L.M.

Automatic showers. Adm.-byt. komb. ugol'. shakht. no.4:42-45  
'61. (MIRA 15:8)

1. Donetskij nauchno-issledovatel'skiy institut nadshakhtnogo  
stroitel'stva.  
(Shower baths) (Employees' buildings and facilities)

LEVIN, S.Z.; DINER, I.S.; primarni uchastnye: DEMBO, A.I., mladshiy nauchnyy sotrudnik; KUCHINSKIY, V.M., mladshiy nauchnyy sotrudnik; KUCHINSKAYA, Z.Ye., mladshiy nauchnyy sotrudnik; MEZHEBOVSKAYA, Z.Ye., mladshiy nauchnyy sotrudnik; BAULIN, V.A., inzh.; KARTYSHOVA, V.M., inzh.; DERGACHEVA, R.D., inzh.; DRABKINA, I.Ye., inzh.

Production of motor fuels and chemical products from Baltic shale tars by the destructive hydrogenation method. Trudy VNIIT no.9:65-90 '60. (MIRA 13:11)

(Motor fuels) (Oils shales)

VISHNEVSKIY, N. ~~Ye.~~; DERGACHEVA, R.D.

In regard to the article by S.S.Nazarova "Preparation of trimethylcarbinol from gases produced in the sulfuric acid processes of petroleum refining, and its dehydration into isobutylene." Zhur. prikl.khim. 34 no.7:1637-1638 J1 '61. (MIRA 14:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh protsessov (VNIINEFTEKHIM).

(Methanol) (Propene)

(Nazarova, S.S.)

S/080/62/035/010/009/012  
D204/D307

AUTHORS: Roskin, Ye.S., Mushenko, D.V., Vishnevskiy, N.Ye.,  
Karpenko, G.B. and Dergachev, R.D.

TITLE: Study of the effects of hydrodynamic conditions on  
the polymerization of acrylonitrile

PERIODICAL: Zhurnal prikladnoy khimii, v. 35, no. 10, 1962,  
2328-2332

TEXT: The present work was concerned with the effects of stirring on the polymerization reactions of acrylonitrile in aqueous solutions (7%), owing to the increasing importance of such polymers in the production of artificial fibers. The reactions were carried out under argon in a stainless steel autoclave, with stirring (2800 rpm, Re being 4000 or 46000), at 15 - 45°C, under isothermal conditions. Similar experiments were carried out under static conditions, in air and in argon.  $\text{K}_2\text{MnO}_4$  and oxalic acid were used as initiators. In stirred solutions, after 15 min reactions, the yields increased from ~ 20% at 15°C to ~ 60% at 30° and fell to

Card 1/2



S/080/62/035/010/009/012  
D204/D307

Study of the effects ...

~ 47% at 45°C. The corresponding figures after a 40 min reaction were ~ 49, 70 and 50% respectively, tending to be always slightly lower in the more intensively stirred solutions. Yields of statically carried out reactions under argon were on the average ~ 10% higher than the above, and were higher still when the polymerization took place (still without stirring) in air. In small amounts, oxygen improves the yields, but reverses its action and even stops the reaction completely when introduced in large amounts, e.g. by stirring in systems open to the atmosphere. There are 3 figures and 1 table.

ASSOCIATION: Leningradskiy tekstil'nyy institut im. S.M. Kirova  
(Leningrad Institute im. S.M. Kirov); Vsesoyuznyy  
nauchno-issledovatel'skiy institut neftekhimicheskikh  
protssessov (All-Union Scientific Research Institute of  
Petrochemical Processes)

SUBMITTED: July 5, 1961

MUSHENKO, D.V.; VISHNEVSKIY, N.Ye.; DERGACHEVA, R.D.; MALOV, Yu.I.

Preparation of concentrated isobutylene. Zhur. prikl. khim.  
36 no.10:2251-2256 0 '63. (MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut nefte-  
khimicheskikh protsessov.

MUSHENKO, D.V.; DERGACHEVA, R.D.; ROGOVA, N.V.

Regeneration of spent sulfuric acid. Zhur. prikl. khim. 36  
no.11:2329-2335 N '63. (MIRA 17:1)

MUSHENKO, D.V.; VISHNEVSKIY, N.Ye.; DERGACHEVA, R.D.

Decomposition and hydrolysis of isobutylsulfuric acid.  
Zhur. prikl. khim. 36 no.9:2038-2044 D '63. (MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut nefte-  
khimicheskikh protsessov.

*DERGACHEVA, M. P.*

Name: DERGACHEVA, M. P.

Dissertation: Material on the clinics and pathological analysis of  
affection of the nervous system in brucellosis. (A  
clinicoexperimental study)

Degree: Cand Med Sci

*Depended at*

~~Appellation~~: Omsk State Medical Inst

*Publication*

~~Defense~~ Date, Place: 1956, Omsk

Source: Knizhnaya Letopis', No 47, 1956

DERGACHEVA, O. Kh., Candidate of Agric Sci (diss) -- "Growing spring wheat on the sod-podzolic soils of the Tatar ASSR". Kazan', 1959. 19 pp (Min Agric USSR, Stalingrad Agric Inst), 200 copies (KL, No 20, 1959, 11<sup>h</sup>)

BEYDER, P.Ya.; VINOGRADOVA, M.F.; DERGACHEVA, S.N.

Certain problems in the development of petroleum-pipeline transportation in the stage of pre-project investigations. Transp. i khran. nefi no.8:33-36 '63. (MIRA 17:3)

1. TSentral'nyy nauchno-issledovatel'skiy ekonomicheskii institut Gosplana RSFSR.

DOIMATOVA, A.V.; DERGACHEVA, T.I.; GASANZADEH, G.B.

Studies on species and ecology of Phlebotominae in a focus of visceral leishmaniasis in Azerbaijan (Agdam region) [with summary in English]. Med.paraz. i paraz.bol. 27 no.6:676-683 N-D '58. (MIRA 12:2)

1. Iz Instituta malyarii, meditsinskoy parazitologii i gel'mintologii Ministerstva zdavookhraneniya SSSR (dir. instituta - prof. P.G. Sergiyev) i Instituta malyarii Ministerstva zdavookhraneniya Azerbaydzhanskoy SSR (dir. instituta A.K. Kasimov).

(LEISHMANIASIS, VISCERAL, epidemiol,  
Phlebotomus in epidemiol. areas (Rus))  
(FLIES,

Phlebotomus in zones of epidemics of visceral leishmaniasis in Russia (Rus))



DERGACHEVA, T.I.

Response to light of certain types of moth flies and their daily rhythm according to observations in the Agdam District of the Azerbaijan Republic. Med.paraz.i paraz.bol. 37 no.5:598-603 S-0 '59. (MIRA 13:4)

1. Iz otdela entomologii Instituta meditsinskoy parazitologii i tropicheskoy meditsiny Ye.I. Martynovskogo Ministerstva zdravookhraneniya SSSR (direktor instituta - prof. P.G. Sergiyev, zaveduyushchiy otdelom - prof. V.N. Beklemishov).  
(PHLEBOTOMUS)

DERGACHEV, <sup>A</sup>T. I. Cand Biol Sci -- "Biology of mosquitoes (phlebotominae)  
in the focal center of visceral leishmaniasis -- Agdamskiy Rayon of the Azerbaydzhan SSR"  
Mos, 1960 (Acad Med Sci USSR). (KL, 1-G1, 187)

-115-

DOLMATOVA, A.V.; DERGACHEVA, T.I.

Epidemiology and epizootology of cutaneous leishmaniasis of the rural type in the Karshi Oasis of the Uzbek S.S.R. Report No.1: Fauna and seasonal variations in the number of Phlebotamus. Med. paraz.i paraz.bol. no.5:584-591 '61. (MIRA 14:10)

1. Iz entomologicheskogo otdela Instituta meditsinskoy parazitologii i tropicheskoy meditsiny imeni Ye.I. Martsinovskogo Ministerstva zdravookhraneniya SSSR (dir. instituta - prof. P.G. Sergiyev, zav. otdelom - prof. V.N. Beklemishev). (KARSHI--DELHI BOIL) (MOTH FLIES)

DERGACHEVA, T. I.; DOIMATOVA, A. V.

Epidemiology and epizootology of cutaneous leishmaniasis of the rural type in the Karshi oasis of the Uzbek S.S.R. Report No.4: 206-211 '62. (MIRA 15:7)

1. Iz entomologicheskogo otdela (zav. - prof. V. N. Beklemishev) Instituta meditsinskoy parazitologii i tropicheskoy meditsiny imeni Ye. I. Martsinovskogo (dir. - prof. P. G. Sergiyev) Ministerstva zdравookhraneniya SSSR.

(KARSHI—DELHI BOIL) (MOTH FLIES) (GERBILS)

DOLMATOVA, A.V.; DERGACHEVA, T.I.

Breeding and circulation of sand flies (Phlebotominae) in the burrows of greater gerbils (*Rhombomys opimus*). Med. paraz. i paraz. bol. 32 no.1:72-77 Ja-F'63. (MIRA 16:10)

1. Iz otdela entomologii (zav. - prof. V.N.Beklemishev [deceased]) Instituta meditsinskoy parazitologii i tropicheskoy meditsiny imeni Ye.I.Martsinovskogo (dir. prof. P.R.Sergiyev) Ministerstva zdravookhraneniya SSSR.

\*

VINOKUROVA, M.D., rabotnik pavil'ona,; GALKINA, A.G., rabotnik pavil'ona,;  
GITIS, Ya.Ye., rabotnik pavil'ona,; DERGACHEVA, V.I., rabotnik pavil'ona;  
ZAK, R.G., rabotnik pavil'ona,; RAKSHA, N.A., rabotnik pavil'ona,;  
SALNY, Ye.A., rabotnik pavil'ona,; PARAKANOV, G.N., rabotnik pavil'ona,;  
TOMASHUK, F.A., otv. red.; DMITRIYEVA, L.A., red.; LUKINA, L. Ye.,  
tekhn. red.

[Far East] Del'nii Vostok. Moskva, Izd-vo "Sovetskaya Rossiya,"  
1958. 109 p. (MIRA 11:12)  
(Soviet Far East--Agriculture)

PESHKOVA, Valentina Moiseyevna; GROMOVA, Margarita Ivanovna;  
ALIMARIN, I.P., prof., otv. red.; DERGACHEVA, Ye.G., red.

[Laboratory manual on spectrophotometry and colorimetry]  
Prakticheskoe rukovodstvo po spektrofotometrii i kolori-  
metrii. Izd.2., perer. i dop. Moskva, Mosk. univ., 1965.  
227 p. (MIRA 18:12)

1. Chlen-korrespondent AN SSSR (for Alimarin).

URUSOV, V.V. [deceased]; DERGACHEVA, Ye.N.

Investigation by the method of thermal analysis of (a) the process of thermal dissociation of ammonium sulfate, ammonium sulfite and ammonium pyrosulfite; (b) the composition of solid phases in the systems  $MgO - B_2O_3 - H_2O$  and  $MgO - B_2O_3 - SO_3 - H_2O$ ; (c) the process of thermal decomposition of ludwigite. [Trudy] NIUIF no.164:44 '59. (MIRA 15:5)

(Thermochemistry)



GOLOSOVSKAYA, M.A.; DERGACHEVA, Yu.G.

Clinical aspects of primary atypical amyloidosis. Sov. med. 28  
no.9:80-81 S '65. (MIRA 18:9)

1. Kafedra gospi'tal'noy terapii (zav. - deystvitel'nyy chlen AMN  
SSSR prof. P.Ye.Lukomskiy) II Moskovskogo meditsinskogo instituta  
imeni N.I.Pirogova i prozektura (zav. -- kand. med. nauk N.M.  
Pokrovskaya) gorodskoy klinicheskoy bol'nitsy No.5.

BAGI, Mihaly; DERGACS, Ferenc; GYONOS, Karoly; KAHLESZ, Bela; SURANY, Pal

The state and long-range development of the food-industry machine production. Elelm ipar 17 no.2:56-66 F '63.

1. Koho- es Gepipari Miniszterium Alt. Gepipari Igazgatosag (for Bagi). 2. Orszagos Tervhivatal (for Dergacs). 3. Konzerv-  
os Parikaipari Igazgatosag (for Gynos). 4. Elelmezesipari Tervezo Intezet (for Kahlesz). 5. Elelmezesipari Szolgaltato Troszt (for Surany).

DERGALINA, MS.

18(6)

**567, Avenue 'B'**  
**St., New York, N.Y.**

Abstracts... (papers read at the Second All-Union Conference of Analytical Spectroscopists in Electromagnetic) Moscow, March-April. Over twenty articles, 1971. 148 p. 1,600 copies printed.

Specialist Agency      Business-Administrative      Telephone and Mail      Correspondence      Distribution      General

Mikhailovskiy, I.I.; Zhitko, A.N.; Breshchaya, E.I.; Mavroyev, V.V.; Polyakova, E.E. *Plasma* 2024, 17, 1000.

purpose. This book is intended for analytical chemists in the field of nonferrous metallurgy.

**REMARKS.** This is a collection of papers dealing with the use of the spectroscopic method as mentioned in the USSR for the quantitative determination of various elements in the field of various metallurgy. Experiences gained at several important scientific and industrial laboratories are presented in the practical application of the method. A number of descriptive, as well as quantitative data are given for the determination of various elements in the production of standard samples. For a brief account of the spectroscopic method as used in the USSR, see Table of Contents, first article. There are also a few method references, both Soviet and non-Soviet.

**Mr. C. J. [redacted] [redacted]**

13. Spessky, A.S., A.V. Kuznetsov, and B.A. Puzina (Doklady Akademiya Nauk, 1964, No. 12, p. 2239). Investigation of Methods of Casting Standard Samples for the Spectroscopic Analysis of Light Metals.

J.A. Fladger, R.L. [Notably used wood-length sawtooth snappers  
National Academy Conference on "Plant". From the West Pacific of the  
Geographical Laboratory of the National Academy of Sciences.]

15. Reuben, V. L. [Mar'thew's aged sturidiph twelfth million-thar'-  
low economy hamilton hiral frist, education of Antimony, Ma,  
canner and mine in Antimony's land with the ST-7 Skylander

16. Ingelings, A. N. [Magnesium Secondary Neutronless Metals Plant]. Work  
Room of the Plant Spectroscopic Laboratory

17. **Spilis, T.I.** [Inadequately bromine-lampless mixed-beam systems and space filter]. Application of Spectroscopic Methods of Analysis at the Moscow State and Space Plant

2A. Benzoin, E.S. [Undesirably polystyrenically substituted-laminar-  
mark "Benzoin (E.S.)". From the Work Fraction of the Spectrograph  
of Benzoin (E.S.).] Undesirably polystyrenically substituted-laminar-  
mark "Benzoin (E.S.)".

19. *Myrica*, L.P. (Investigative preserved-Merced-Break Via Plant).  
Investigative analysis of the Merced-Break Via Plant

Dr. Hershman, U.S. [Nationally Classified-Political Tia Plant]. North  
western of the Laboratory of the Political Tia Plant

21. Shapiro, V. L., Dr. N. A. Kuznetsov, Dr. N. A. Kuznetsov, I. N.

Alkhalid, and V. M. Ispolovits (Soviet-Polymer Journal, 1969, 1, 103). On the Accuracy of Spectroscopic Methods of Spectroscopic Analysis in Preparing Calibration Curves for Polymer Analysis

22. *Myrica, s.s. ("Droopy Yarrow's Plant")*. Quantitative to be made on all of them in Chem. House

1000

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1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

DERGANC, F.

On the 32nd Surgical Unit of the 11th Corp. Acta chir. Jugosl. 8  
no.4:365-370 '61.

1. Ortopedska klinika Medicinskog fakulteta u Ljubljani (Predstojnik  
prof. dr B. Breclj).

(MILITARY MEDICINE hist)

DERGANC, Franc

An unplanned experiment. Zdrav. vestn. 34 no.5/6:124-125 '65.

1. Ortopedska klinika medicinske fakultete v Ljubljani (predstojnik: prof. dr. Bogdan Brečelj).

DERGANC, Kristijan, sanitetski potpukovnik, dr.

Infectious hepatitis in our ward during the period 1957-1962.  
Vojnosanit Pregl. 20 no.11:712-714 N '63.

1. Vojna bolnica u Ljubljani, zarazno odeljenje.

DERGANC, Kristijan

The problem of early diagnosis of infectious hepatitis. Zdrav.  
vestn. 33 no.10:311-312 '64

1. Infekcijski oddelek vojne bolnice v Ljubljani (Pred-  
stojnik s. puk. dr. Kristijan Derganc).

GRÜNWARD, Petar, sveučilišni asistent dr.; MAVER, Hubert, sanitetski  
pukovnik dr.; DERGANČ, Matija, sanitetski potpukovnik dr.;  
GRGIC, Zvonko, viši zdravstveni suradnik

Study of the relationship between some normal hereditary  
characteristics in man and their disposition to respiratory  
diseases. Vojnosanit. pregl. 22 no.5:301-303 My '65.

1. Medicinski fakultet u Zagrebu, Bioloski institut.



DERGANC, Mirko; MULLER, Dusan

The study of cardiac resuscitation in humans; 16 consecutive resuscitations of the heart. Zdrav. vest., Ljubljana 24 no. 9-10:344-346 1955.

1. Kirurgicna Klinika Medicinske Fakultete v Ljubljani - predstojnik Akademik prof. dr. Bozidar Lavric.

(CARDIAC ARREST, ther.

resuscitation, 16 consecutive resuscitations in 4 hours & 15 minutes (Sl))

DERGANC, Mirko, Doc., dr.

Classification of burns. Voj. san. pregl., Beogr. 13 no.  
3-4:156-159 Mar-Apr 56.

1. Hirurska klinika u Ljubljani.  
(BURNS,  
classif. (Ser))

DERGANC, Mirko, Doc., dr.

Induced hypotension in plastic surgery. Voj. san. pregl. Beogr.,  
13 no.5-6:260-262 May-June 56.

1. Hirurska klinika u Ljubljani.  
(HYPOTENSION, CONTROLLED  
in plastic surg. (Ser))  
(SURGERY PLASTIC  
with induced hypotension (Ser))

DERGANC, M.

The clinical significance of a biological assessment of the depth of burns. Acta chir. plast. 3 no.2:104-110 '61.

1. Plastic Unit, University Surgical Clinic, Ljubljana (Yugoslavia)  
Director: Prof. Dr. B. Lavric.

(BURNS)

DERGANC, Mirko, prof. dr.

Scientific research problems in the field of burns. Vojnosanit. pregl.  
19 no.5:365-368 My '62.

1. Medicinski fakultet u Ljubljani, hirurska klinika.  
(BURNS)

DERGANC, Mirko, prof., dr.

Problem of burns in modern warfare. Vojnosanit. pregl. 20  
no.4:219-221 Ap '63.

(BURNS) (FIRST AID) (MILITARY MEDICINE)  
(WAR)

STANOVIC, Ivan; ILIC, R.; DERGENC, Slobodan

Post-inflammatory ectopy of the macula lutea. Srpski arh. celok. lek.  
89 no.11:1301-1308 N '61.

1. Klinika za bolesti očiju Medicinskog fakulteta Univerziteta u  
Beogradu V.d. upravnika: prof. dr Ivan Stankovic.

(MACULA LUTEA dis)

S

STANKOVIC, Ivan; DERGENS, Slobodan

Contribution to the study on cysts of the iris. Srpski arh. celok.  
lek. 89 no.10:1155-1164 0 '61.

1. Klinika za bolesti ošiju Medicinskog fakulteta Univerziteta u  
Beogradu V.d. upravnika: prof. dr Ivan Stankovic.

(IRIS dis) (CYSTS)



DANILOVIC, Vojuslav; DERGENC, Slobodan

Current status of allergy among the inhabitants of Pastrovici.  
Srpski arh. celok. lek. 89 no.11:1295-1300 N '61.

1. Interna klinika B Medicinskog fakulteta Univerziteta u Beogradu  
Upravnik: prof. dr Radivoje Berovic Zdravstvena stanica u Petrovcu  
na Moru Upravnik: dr Slobodan Dergenc.

(ALLERGY statist)

S

DERGENC, Slobodan

Contribution to the treatment of ocular organs by electromagnetic interventions. Srpski arh. celok. lek. 90 no.3: 313-316 Mr '62.

1. Klinika za bolesti očiju Medicinskog fakulteta Univerziteta u Beogradu V. d. upravnika: prof. dr. Ivan Stankovic.  
(EYE for bodies)

8

CONGENITAL DISEASES AND DEFECTS

YUGOSLAVIA

STANKOVIC, Prof. Dr. I.; and DERGENC, Dr. S., Clinic for Eye Diseases of Medical Faculty (Klinika za bolesti očiju Medicinskog fakulteta) Head (upravnik) Prof. Dr. I. STANKOVIC, Belgrade

"The Question of Heredity in Primary Glaucoma."

Belgrade, Medicinski Glasnik, Vol 20, No 5-6, May-June 1966, p. 186-188

Abstract [French summary modified]: Among 94 cases of glaucoma, a familial history was present in 29% of the 31 men but only in 6.3% of the 63 women. A case of glaucoma in six generations is described in great detail. Author suggests that the X chromosome carries the gene, based on these data and on various literature reports. Family tree; 3 Yugoslav, 22 Western references.

L 21757-65 ENG(1)/FSS-2/EWT(1)/EWT(m)/ENG(v)/FCC/T/EEC-4/EEC(t)/EWA(h) Po-4/  
 Ps-5/Pq-4/Pae-2/Peb/Pi-4/Pt-4 IJP(o)/SSD/AFWL/SSD(o)/AFMD(o)/AFETH/ESD(t)  
 ACCESSION NR: AP5000176 GN-2/WS S/0293/64/002/003/0933/0936

AUTHOR: Shafer, Yu. G., Sokolov, V. D., Skryabin, N. G., Dergeyni, S. K.,  
 Salimzibarov, R. B. B

TITLE: cosmic ray, upper atmosphere, primary cosmic radiation, cosmic ray apparatus,  
 cosmic ray asymmetry, cosmic ray albedo particle

SOURCE: Kosmicheskiye issledovaniya, v. 2, no. 6, 1964, 933-935

TOPIC TAGS: Some results of measurements of east-west asymmetry in the intensity of  
 primary cosmic radiation ✓

ABSTRACT: Measurements of the east-west asymmetry of primary cosmic radiation were made to heights of 500 km in 1962. The measuring apparatus was placed in the upper compartment of the rocket directly under the nose cone. The latter was separated at a height of 70-80 km. The apparatus (shown schematically in Fig. 1 of the Enclosure) consisted of a system of many counters, collected into three groups of triple-coincidence telescopes with 3 to 5 telescopes in each group. One of these groups sampled particles in a vertical direction. The two other groups of telescopes were mounted in the "east-west" plane at an angle of 60° to the vertical. The rockets were stabilized in space with respect to azimuth and relative to the zenith with an accuracy of ±2°. These measurements made

Cord 1/4

L 21757-65

ACCESSION NR: AF5000176

it possible to estimate both the cosmic ray intensity in the vertical, east and west directions and the number of cases of local showers. The experimental value of the effect of east-west asymmetry ( $K_{ex}$ ) on the basis of the expression

$$K_{ex} = 2 \frac{I_{west} - I_{east}}{I_{west} + I_{east}} \cdot 100\%$$

had a mean value of  $26 \pm 2\%$ . However, the value  $K_{ex}$  determined in this way will be masked by albedo particles. If the particle energy spectrum is assumed to have the form  $AE^{-\gamma}$  and if the earth's magnetic field is considered a dipole, beyond the limits of the atmosphere the intensity in a vertical direction will have an average value of the intensities in the slanting directions

$$I_{vert} = \frac{I_{west} + I_{east}}{2}$$

Cord 2/4

L 21757-65

ACCESSION NR: AP6000176

The experimental value of the mean intensity obtained from the data of the inclined telescopes was greater than the intensity measured by the vertical telescope. This difference is not random and can be interpreted as the absence of a contribution of a significant quantity of albedo particles to the intensities recorded by the vertical telescope. By knowing the intensity of the albedo particles it is possible to find the mean value of the effect of east-west asymmetry of primary cosmic radiation (K), using the expression

$$K = \frac{I_{\text{west}} - I_{\text{east}}}{I_{\text{vert}}} \cdot 100\%$$

it was equal to  $34\% \pm 3\%$ . The predicted value K, determined from the theory of geomagnetic effects using the integral energy spectrum of primary cosmic radiation, is 35-37%. Thus, two independent methods for determination of K give values in agreement within the limits of error. Orig. art. has: 3 formulas, 2 figures and 1 table.

ASSOCIATION: None

SUBMITTED: 12May64

ENCL: 01

SUB CODE: ES

NO REF SOV: 001

OTHER: 002

Cord 3/4

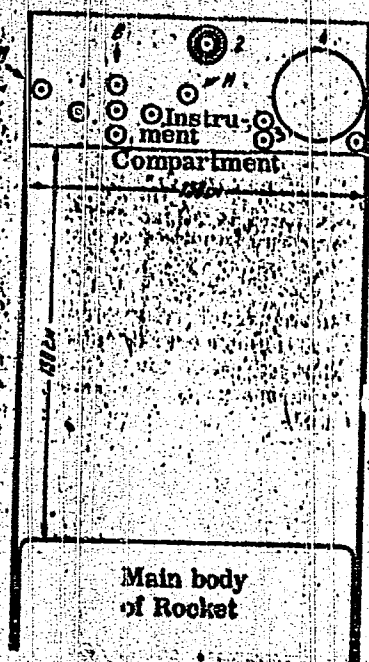
L 21757-65

ACCESSION NR: AP5000176

ENCLOSURE: 01

Figure 1. Sketch of placement of measuring instruments in the upper instrument compartment of a rocket.

1. apparatus for measuring east - west asymmetry, B-group of vertical and H-group of inclined triple-coincidence counter telescope;
2. shielded single Geiger counter;
3. double-coincidence counter telescope;
4. ionization chamber;
5. single unshielded Geiger counter.



Cord 4/4

USSR / Human and Animal Physiology. Growth Physiology.

T

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 69739

Author : Dergileva, M. P.

Inst : Vinnitsk Medical Institute

Title : Temperature Skin Reactions as Indices of the Reactivity  
of Nursing Infants

Orig Pub : Sb. nauchn. tr. Vinnitsk. med. in-ta, 1957, Vol 9, 101-112

Abstract : No abstract given

Card 1/1



DERGILEVA, M. P. Cand Med Sci -- (diss) "Vascular reactions of the skin to a heat stimulus in infants and their importance in the evaluation <sup>of</sup> the reactivity of the organism." Odessa, 1959. 14 pp (Odessa State Med Inst im N. I. Pirogov), 200 copies (KL, 45-59, 149)

USSR/Human and Animal Physiology - (Normal and Pathological).  
Physiology of Age Groups.

T

Abs Jour : Ref Zhur Biol., No 4, 1959, 17051

Author : Dergileva, M.P.

Inst : Vinnitsa Medical Institute

Title : Cutaneous Vessel Reactions to Local Thermal Stimulus in  
Adults and Children of Early Age.

Orig Pub : Sb. nauchn. te. Vinnitsk. med. in-ta, 1957, 16, 26-30

Abstract : A heater ( + 45°), applied to the calves, induced in  
babies (3 mo.-1 year) an increase of local temperature of  
the skin on the adjoining regions (of the leg) of 0.5-7°,  
on remote (forehead) - of 2.5°. The reaction was absent  
or was distorted in manifestations of dystrophy of the I  
and II degree. A slow restoration of temperature reac-  
tion in the dynamics of getting well was observed. -- K.  
S. Ratner

Card 1/1

DERGILEVA, M.P.

Value of hydro-procedures in the hardening of infants in a  
nursery. *Pediatrics* 42 no.6:26-29 Je'63 (MIRA 17:1)

1. Iz Vinnitskogo meditsinskogo instituta imeni N.I.Pirogova  
(rektor - dotsent S.I.Korkhov) i Doma rebenka Vinnitsy  
(glavnyy vrach A.N.Cherepukha).

GOFMAN, V.V., insh.; DERGILEVA, V.Ye., insh.

Unit for making lightweight fillers using cinders from the heat  
and electric power plants. Stroi.mat. 5 no.9:27-28 S '59.

(MIRA 12:12)

(Building materials)

GOPMAN, V.V.; inzh.; DIERGILEVA, V.Ye., inzh.

Making aglopõrite with furnace slags in sintering basins. Stroi.  
mat. 6 no.11:28-29 N '60. (MIRA 13:11)  
(Building materials)

DERGLITSKIY, V.M., inzhener.

Shortcomings in the use of electric interlocking systems. Zhel.  
dor. transp. 38 no.9:57-61 S '56. (MLRA 9:10)

(Railroads--Signaling--Interlocking systems)

SZANDTNER, Gyorgy; DENGGOVICH, Dezso, dr.

Spontaneous rupture of a goiter with danger of suffocation. Magy.  
sebesz. 15 no.6:407-410 D '62.

1. Varpalotai Varosi Tanacs Korhaz Sebeszeti Osztalya.  
(GOITER) (ASPHYXIA)

DERGUSOVA, YE. A.

DERGUSOVA, YE. A.- "Albumens of the Blood and Certain Data on the Albumen Metabolism when 6-Methylthiouracyl is Used to Block the Function of the Thyroid Gland." Molotov State Med. Inst, Molotov, 1955 (Dissertations for the Degree of Candidate of Biological Sciences)

SO: Knizhnaya Letopis' No. 26, June 1955, Moscow



DERGUSOVA, Ye. A., and APEL'BAUM, S. Ye.

"Protein metabolism in experimental hypothyreosis in rats", paper read at the First Ural Conference of Physiologists, Biochemists, and Pharmacologists, Sverdlovsk, 5-8 June 1956.

Sum. I305

7/2/77  
 Protein metabolism in experimental hypothyroidism in rats. S. B. Epel'baum and B. A. Dergunova (Med. Inst., Molotov). *Biokhimiya* 21, 101-104 (1966). Expts. were performed with rats receiving the usual animal ration to which were added fish oil and brewers' yeast. Hypothyroidism was induced by oral administration for 25-30 days of 3-methylthiouracil (T), 10 mg/100 g. body wt. The rate of protein renewal was detd. from the rate of methionine- $S^3$  inclusion into the proteins of the tissues. The rate of proteolysis was detd. on the basis of non-protein N increase after the tissues had been incubated in acetate buffer of pH 4 for 2 hrs. at 38°. The complete inhibition of the secretory activity of the thyroid gland by administration of T was accompanied by an increase in the proteolytic activity of the thyroid gland, the liver, the kidneys and of the spleen and with a reduction in the rate of inclusion of methionine into the proteins. Such a picture points to a fall in the rate of protein resynthesis. These changes det. the rise in the level of the non-protein N in the blood which is observed in the inhibition of the function of the thyroid gland by chem. means. It expresses the opinion that the thyroid gland plays a definite role in the renewal of tissue proteins. B. G. L.

*DERGUSOVA, E.A.*  
USSR/Human and Animal Physiology - Internal Secretion. V-7

Obs Jour : Ref Zhur - Biol., No 4, 1958, 18415

Author : E.A. Dergusova

Inst : The Molotov Medical Institute.

Title : The Effect of Inhibiting the function of the Thyroid Gland  
by 6-methylthiouracil on Serum Proteins of Animals.

Orig Pub : Tr. Molotovsk. med. in-ta, 1957, No 26, 158-163

Abstract : When 6-methylthiouracil was administered perorally to rats,  
guinea pigs and dogs (25 to 100 mg per kg of body weight  
per day), the total content of serum proteins was slightly  
altered. The albumin level was reduced, and the globulin  
level increased; the protein coefficient therefore decrea-  
sed. When the injections of the preparation were discon-  
tinued, the protein levels returned to normal in 2 to 3  
weeks.

Card 1/1

SHEVES, G.S.: SKACHEDUB, G.Ye.; DERGOUSSOVA, Ye.A. (Perm')

Protein metabolism following simultaneous administration of  
6-methylthiouracil and insulin. Probl.endok.i gorm. 5 no.5:  
78-84 S-O '59. (MIRA 13:5)

1. Iz kafedry biokhimii Permskogo meditsinskogo instituta.  
(INSULIN pharmacol.)  
(PROTEIN metab.)  
(THIOURACIL rel. cpds.)

SHEVCHENKO, G. I. : Effect of thyroidectomy on the metabolism of minerals with hypoparathyroidism. Vopr. med. zhen. 9 (1964) 9-10. 10 p. 10 refs.

Effect of thyroidectomy on the metabolism of minerals with hypoparathyroidism. Vopr. med. zhen. 9 (1964) 9-10. 10 p. 10 refs.

1. Kafedra biokhimi i fiziologii meditsinskogo instituta.

DERGUNCU, A.A., inzh.; PAPANOV, A.V., inzh.

Use of operative a.c. in a hydroelectric power station. Elek.  
sta. 35 no.11:69-71 N '64. (MIRA 18:1)

DERGUNOV, A.B.

Recent data on volcanogenic rocks in the composition of the  
Lower Silurian of the upper reaches of the Bol'shoy Abakan  
River. Dokl.AN SSSR 145 no.6:1352-1355 Ag '62. (MIRA 15:8)

1. Vsesoyuznyy aerogeologicheskii trest. Predstavleno akademikom  
A.I.Yanshinym.  
(Bol'shoy Abakan River—Rocks, Igneous)

DERGUNOV, A.B.

Characteristics of the convergence of the Gornyy Altai with  
the Western Sayan Mountains and Tuva in the Lower Silurian.  
Geol. i geofiz. no.4:19-35 '65. (MIRA 18:8)

1. Geologicheskii institut AN SSSR, Moskva.



DERGUNOV, G.T., inzh.; USHAKOVA, M.A., inzh.

Shortcomings in the edition of collected state standards.  
Sudostroenie 28 no.1:61 Ja '62. (MIRA 16:7)

(Standardization)

DERGUNOV, I.

Near Idritsa Lake. Kryl.rod. no.3:11 Mr '60. (MIRA 13:5)  
(World War, 1939-1945--Aerial operations)

DERGUNOV, I.

There were three of them. Kryl. rod. 13 no.10:11 0 '62.  
(MIRA 15:10)

(World War, 1939-1945--Aerial operations)

DERGUNOV, I.D.

DECEASED  
c 1961

1961/3

SEE ILC

GEOPHYSICS

SOV/85-58-10-14/34

AUTHOR: Dergunov, K., Member of the DOSAAF Rayon Committee (Khaydarkan  
~~Urban Settlement~~, Oshskaya oblast', Kirgizskaya SSR)

TITLE: Successes Achieved by Khaydarkan Sportsmen (Uspelkhi sportsmenov  
Khaydarkana)

PERIODICAL: Kryl'ya rodiny, 1958, Nr 10, p 10 (USSR)

ABSTRACT: The author attributes the yearly victories won by Khaydarkan model-  
aircraft builders to the efforts of instructor V. Appel't of the  
mining and metallurgical combine team.

ASSOCIATION: Rayonnyy komitet DOSAAF (DOSAAF Rayon Committee), Khaydarkan Urban  
Settlement, Oshskaya oblast', Kirgizskaya SSR

Card 1/1

L 8943-65 EWG(j)/EPA(s)-2/ENT(m)/FGS/IEP(c)/IEP(n)-2/ENG(v)/EPR/ENP(j)/T-2/  
EPA(bb)-2/ENP(g)/ENP(b)/EWA(n)/EWA(l) Pc-l/Pa-5/Pr-l/Pa-l/Pl-l/Pu-l/Pab  
IJP(c)/ASD(m)-3/RAEM(a) RM/WH/WW/JD  
ACCESSION NR: AP4043303

S/0032/64/030/008/0997/1005

AUTHOR: Dargunov, N. N.; Barabanov, V. N. B

TITLE: Experimental techniques in investigation of carbon-graphite  
materials at 20-3200C 27

SOURCE: Zavodskaya laboratoriya, v. 30, no. 8, 1964, 997-1005

TOPIC TAGS: carbon-graphite material, graphite, pyrolytic graphite,  
graphite property, pyrolytic graphite property

ABSTRACT: Some works dealing with mechanical testing of carbon-graph-  
ite materials are reviewed, two Soviet units for testing carbon-graph-  
ite materials at 20-3200C are described in detail, and some test results  
are presented. The testing could be done in argon or helium. The  
maximum tensile strength for all the graphite types is attained at  
2500-2800C. At this temperature the tensile strength of pressed  
graphite is 50-200% higher than at room temperature (0.5-3.5 kg/mm<sup>2</sup>);  
the tensile strength of pyrolytic graphite is 5-10 times higher than  
at room temperature (5-12 kg/mm<sup>2</sup>). The relative deformation at fracture

Card 1/2

L 8913-65

ACCESSION NR: AP 4043303

does not exceed 0.1-0.3% at temperatures up to 2000C, but increases sharply with further increase of temperature and reaches 40-60% for pressed graphite and 60-100% for pyrolytic graphite. At 2500C and above, creep and relaxation become significant. The elasticity modulus also increases with increasing temperature and at 2000C is 30-100% higher than at room temperature (500-1000 kg/mm<sup>2</sup>). Orig. art. has: 5 figures and 5 formulas.

ASSOCIATION: none

SUBMITTED: 00

ATD PRESS: 3107

ENCL: 00

SUB CODE: MT

NO REF SOV: 009

OTHER: 014

Card 2/2

DERGUNOV, P. V.

with Borisov, P. A. and Ye. A. Sirotina and O. V. Tkachenko " Economic  
Practicability of Contour Flooding in Petroliferous Provinces of the Ural-Volga  
Region"

Transactions of the Petroleum Institute, Acad. Sci. USSR, v. 11, Oil Field  
Industry, Moscow, Izd-vo AN SSSR, 1958. 346pp.



BORISOV, P.A.; DERGUNOV, P.V.; SIHOTINA, Ye.Ya.; TKACHENKO, O.V.

Economic efficiency of edge water drive in oil fields of the  
Ural-Volga area. Trudy Inst.nefti 11:323-332 '58. (MIRA 11:12)

(Ural Mountain region--Oil field flooding)  
(Volga Valley--Oil field flooding)

NIKOLAYEVSKIY, N.M.; DERGUNOV, P.V.

Economic justification of the production program for the  
Shkapovo field. Trudy VNII no.26:40-50 '60. (MIRA 13:9)  
(Shkapovo region—Oil fields—Production methods)

NIKOLAYEVSKIY, N.M.; BRENNER, M.M.; DERGUNOV, P.V.

Determining the efficiency of a production program for  
an oil field using the method of sustained reservoir pressure.  
Trudy VNII no.26:51-62 '60. (MIRA 13:9)  
(Oil fields--Production methods)

BAYKOV, N.M.; BUCHIN, A.N.; GUZHNOVSKIY, L.P.; DERGUNOV, P.V.

Economic effectiveness of the industrial experiment carried  
out in the Bavly field. Neft. khoz. 40 no.6:6-10 Je '62.  
(MIRA 15:6)

(Bavly region--Oil fields--Production methods)

MIKHAYLOVSKIY, N.K.; KUCHAPINA, M.I.; GATTENBERGER, Yu.P.; VERGUNOV, P.V.

Programming the development of the D1 layer of the Shkapovo  
field. Nauch.-tekhn. sbor. po dob. nefti no.1:65-170 '58.  
(MIRA 15:9)

1. Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy institut.  
(Shkapovo region--Oil fields--Production methods)

BAISHEV, B.T.; EUCHIN, A.N.; DERGUNOV, P.V.; GLEBOVA, T.A.; KONOVALOV,  
V.P.

Permissible degree of flooding before a number of wells are shut  
off. Neft. khoz. 42 no. 5:39-44 My '64. (MIRA 17:5)

BUCHIN, A.N.; DEBUNOV, P.V.

Dynamics of the cost of petroleum production in the different stages of the development of Tuzmazy oil field. Nauch.-tekhn. sbor. po dob. nefti no.25:131-135 '64.

(MIRA 17:12)

1. Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy institut.

BAISHEV, B.T.; BUCHIN, A.N.; DERGUNOV, P.V.; GLEBOVA, T.A.; KONOVALOV, V.P.

Practicable degree of the drowning of a series of wells when  
they are switched off from exploitation. Trudy VNII no.42:  
294-321 '65. (MIRA 18:5)



PED'KO, A.I.; DERGUNOV, V.I.; KARASIK, G.Ye.; KOROLEV, A.K.

Effect of the dimensions of bit-support elements on the jamming of cutters.  
Izv. vys. ucheb. zav.; neft' i gaz. 8 no.5:101-104 '65. (MIRA 18:7)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova; zavod  
neftyanogo oborudovaniya im. S.M.Kirova i upravleniye "Glavmorneft".

SREDIN, V.V., inzh.; BURSHTYIN, Ya.I.; DERGUNOV, V.I.; TARASENKOV, P.M.;  
CHERNENKO, A.I.

Laying pipes above ground at oil refineries. Stroi. truboprov. 6  
no.3:16-18 Mr '61. (MIRA 14:3)

1. Institut Lengiprogaz, Leningrad.  
(Pipe)

BUCHIN, A.M.; ITCHAPINA, M.I.; DFRGUNOV, V.P.

Economic evaluation of the simultaneous development of multi-layered oil fields with various regimes; based on a study of a field in western Ukraine. Nauch.-tekh. shor. po pob. nefti no.25:140-141 '64. (MIRA 17:12)

1. Vsesoyuznyy neftegazovyy nauchno-issledovatel'skiy institut.

28(3); 30(10)

SOV/28-59-4-7/19

AUTHOR: Dergunov, V.S.

TITLE: From the Work Practice of a State Inspection Laboratory (Iz praktiki raboty gosudarstvennoy kontrol'noy laboratorii)

PERIODICAL: Standartizatsiya, 1959, Nr 4, p 21 (USSR)

ABSTRACT: This is brief information on the work done by the Penzenskaya gosudarstvennaya kontrol'naya laboratoriya po izmeritel'noy tekhnike (the Penza State Inspection Laboratory for Measurements) in the second half of 1958. The Laboratory checked the adherence to standards at the Penzenskiy chasovoy zavod (Penza Watch Factory) where, in the hardening shop, the outdated END-07 devices will be exchanged for the EPV-01 potentiometer with rotating cylindric dial to determine the temperature in any point of the heating unit. In the experimental and control department, the P-12 device will be used for control of the mechanism of the wrist watches, such as "Zvezda",

Card 1/2

SOV/28-59-4-7/19

From the Work Practice of a State Inspection Laboratory

"Zarya", "Kometa" and "Vesna". They also checked at the Serdobskiy (Serdobsk) Watch Factory; at the Penzenskaya shveynaya fabrika imeni Klary Tsetkin (Penza Clothing Factory imeni Klara Tsetkin); the Penzenskiy khlebokombinat (Penza Bread Factory) and a number of kolkhozes and sovkhozes. The Laboratory commissions experienced engineers to inspect the adherence to standards, and practices inspections in teams including workers of the factory or the organization under inspection. Several modern measurement instruments introduced at the factories after the inspection, and different scales installed at the inspected kolkhozes are mentioned.

ASSOCIATION: Penzenskaya GKL (Penza GKL)

Card 2/2

5.3700

31196

S/079/61/031/012/010/011  
D204/D301

AUTHORS: Razuvayev, G. A., Vyazankin, N. S., D'yachkovskaya, O.S., Kiseleva, I. G., and Dergunov, Yu. I.

TITLE: Certain reactions of the organometallic compounds of Group IV elements, catalyzed by aluminum chloride

PERIODICAL: Zhurnal obshchey khimii, v. 31, no. 12, 1961, 4056

TEXT: A continuation of previous work, in which it has been shown that  $(Et)_3SiCl$  and  $(Et)_3SnCl$  could be obtained in high yields by the action of iso- $C_3H_7Cl$  on  $(Et)_4Si$  and  $(Et)_4Sn$  in presence of  $AlCl_3$ . This reaction has been used in the present work to synthesize  $(Et)_5Si_2Br$  and compounds  $(Et)_3MX$ , where  $M = Si, Ge, Sn$  and  $X = Cl, Br$ , in 60-90% yields. These were prepared by the dropwise addition of equimolar quantities of iso- $C_3H_7X$  to  $(Et)_4M$  containing ~2%  $AlCl_3$  and heating until the gaseous products were evolved (~4

Card 1/2

Certain reactions of the ...

31196  
S/079/61/031/012/010/011  
D204/D301

hours).  $(\text{Et})_5\text{Si}_2\text{Br}$  was converted to decaethyl tetrasilane (b.p.  $164-170^\circ\text{C}/1 \text{ mm Hg}$ ,  $n_D^{20} = 1.5160$ ) by the action of highly dispersed fused Na, in 20.2% yield. It was also established that compounds of type  $(\text{Et})_6\text{M}_2$ , where  $\text{M} = \text{Si}$ , ~~disproportionate~~ disproportionate to  $(\text{Et})_4\text{M}$  and M, on heating to  $235^\circ\text{C}$  in the presence of 3 - 5%  $\text{AlCl}_3$ . There are 1 table and 2 references: 1 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: H. Gilman, R. K. Ingham and A. G. Smith, J. Org. Ch., 18, 1743, (1953).

ASSOCIATION: Nauchno-issledovatel'skiy institut khimii pri Gor'-kovskom gosudarstvennom universitete imeni N. I. Lobacheskogo (Scientific Research Institute of Chemistry, Gor'kiy State University im. N. I. Lobacheskiy)

SUBMITTED: July 3, 1961

Card 2/2

31962  
S/081/61/000/023/018/061  
B117/B147

5.3700

AUTHORS: Razuvayev, G. A., Vyazankin, N. S., Dergunov, Yu. I.,  
Pinchuk, N. M.

TITLE: Reactions of hexaethyl distannane with organic halogen  
derivatives

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1961, 231, abstract  
23Zh242 (Zh. Vses. khim. o-va im. D. I. Mendeleeva, v. 5,  
no. 6, 1960, 707)

TEXT: On heating  $(C_2H_5)_3SnSn(C_2H_5)_3$  (I) with  $C_6H_5Br$  or  $C_6H_5I$  ( $180-190^\circ C$ ,  
20 - 30 hr), halogen is not separated.  $(C_2H_5)_3SnCl$  (II), yield 61.7%,  
and  $(C_6H_5)_3C$  radicals form in the reaction of (I) with  $(C_6H_5)_3CCl$  ( $100^\circ C$ ,  
4.5 hr). (II), yield 90.8%, and p-tolyl triethyl stannyl sulfone (III),  
yield 18.7%, melting point  $91 - 92^\circ C$  (precipitated from alcohol) are the  
reaction products of (I) with  $p-CH_3C_6H_4SO_2Cl$  ( $100^\circ C$ , 13 hr). The structure  
of (III) was proved by another way of synthesis: from  $p-CH_3C_6H_4SO_2Na$

Card 1/2



Reactions of hexaethyl distannane... <sup>31962</sup>  
S/081/61/000/023/018/061  
B117/B147

and (II) in absolute alcohol (78°C, 3 hr), yield 44.2%. On heating (I) with  $C_6H_5CH_2Cl$  (190 - 200°C, 4 hr),  $C_6H_5CH_2CH_2C_6H_5$ , yield 35.4%, and (II), yield 73.4%, are formed. (I) with  $C_6H_5(CH_2)_2Br$ ,  $CH_2Br(CH_2)_2CH_2Br$ , and  $CH_2Br(CH_2)_3CH_2Br$  at 200 - 210°C react similarly. In these cases, disproportionation products of (I) in  $(C_2H_5)_4Sn$  and  $Sn$  were obtained besides  $(C_2H_5)_3SnBr$  (yield 70.5, 72.5, 82.4%). The reaction mechanism of disproportionation of (I) is discussed. [Abstracter's note: Complete translation.]

Card 2/2

80763

S/079/60/030/04/60/080  
B001/B011

5.3700B

AUTHORS: Razuvaev, G. A., Vyazankin, N. S., Dergunov, Yu. I.

TITLE: Reaction of Hexaethyl Diplumbane With Alkyl Halides

PERIODICAL: Zhurnal obshchey khimii, 1960, Vol. 30, No. 4, pp. 1310-1316

TEXT: The reactions of the compounds of type  $R_6Pb$  with alkyl halides are still insufficiently investigated. Paper of Ref. 3<sup>2</sup> along with some others allows the conclusion that a mixture of compounds  $PbX_2$ ,  $R_2PbX_2$ , and  $R_3PbX$  results as the end product of the reaction, with R being an organic radical and X a halogen. Moreover, one must in certain cases add compounds of the type  $R_4Pb$  to the reaction products (at least according to the patent of Ref. 4).

The following was ascertained: 1) In the case of reaction of equimolecular amounts of alkyl halide and hexaethyl diplumbane several reactions occur giving rise to many different products. 2) In the presence of catalytic amounts of alkyl halides there occurs a strong decrease in stability of hexaethyl diplumbane and its disproportionation according to scheme (I)

Card 1/2

80763

Reaction of Hexaethyl Diplumbane With Alkyl  
Halides

S/079/60/030/04/60/080  
B001/B011

$2(C_2H_5)_6Pb_2 \longrightarrow 3(C_2H_5)_4Pb + Pb$ . Investigation results are given in Table 1. They include reactions of hexaethyl diplumbane with equimolecular amounts of ethyl bromide, 1,2-dibromo ethane and 1,2-dibromo propane. Such reactions yield tetraethyl lead, lead bromide, triethyl lead bromide, dibromo diethyl lead, and metallic lead. A reaction scheme was suggested. Furthermore, the authors investigated the reaction of hexaethyl distannane with 1,2-dibromo ethane, with triethyl tin bromide and ethylene resulting as the main products. It was found that, apart from the thermal decomposition reaction  $(C_2H_5)_6Pb_2 \longrightarrow (C_2H_5)_4Pb + Pb + 2C_2H_5$ , also a disproportionation of hexaethyl diplumbane takes place:  $2(C_2H_5)_6Pb_2 \longrightarrow 3(C_2H_5)_4Pb + Pb$ , which is brought about by the aid of catalysts. The catalysts used were metal chlorides of type  $AlCl_3$ , mixed organometallic compounds and products reacting with hexaethyl diplumbane under formation of the above catalysts (e.g. dibromo ethane). The authors refer to a paper by Ya. K. Syrkin (Ref. 5). There are 2 tables and 12 references, 6 of which are Soviet.

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Card 2/2

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TITLE: Some Cases of Reactions for the Redistribution of Radicals in  
Organic Lead, Tin, and Silicon Compounds

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TEXT: Heating of an asymmetric organometallic compound of type  $R_3R'Pb$  with catalytic amounts of aluminum chloride, causes the redistribution of the radicals (Ref. 1). A dynamic equilibrium, and a mixture of all possible combinations of tetraalkyl derivatives of the concerned metal develop. The authors intended to investigate such cases of the above reaction in which the equilibrium is disturbed, thus causing a clear deviation of the interrelations between the reaction products from those occurring in general. The authors found out that hexaethyl dimetals are asymmetric, as for instance  $(C_2H_5)_3SnR$ , R being  $(C_2H_5)_3Sn$ .

Assuming that the two radicals readily take part in their redistribution, the following mixture necessarily must develop (according to publications):

Card 1/3