

UGRENIKOVA, Ye.I.; TYUDINA, V.N.

Protein metabolism changes under the influence of therapy in patients with acute peritonsillitis. Trudy gos.nauch.-issl. inst.ulcha, gorla i nosa. 6:103-111 '55. (MIRA 12:10)

1. Iz biokhimicheskoy laboratorii (zav. - kand.med.nauk Ye.I. Ugraninova) Gosudarstvennogo nauchno-issledovatel'skogo instituta ulcha, gorla i nosa.
(PROTEIN METABOLISM) (TONSILS--DISEASES)

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CIA-RDP86-00513R001857820019-0"

UGRENINOVA, Ye.I.; TYUNINA, V.N.

Dynamics of the protein fractions and oxygen respiration in the blood in chronic tonsillitis and rheumatism. Trudy gos. nauch.-issl. inst. ukha, gorla i nosa no.11:56-70 '59. (MIRA 15:6)

1. Iz biokhimicheskoy laboratorii Gosudarstvennogo nauchno-issledovatel'skogo instituta ukha, gorla i nosa.

(BLOOD PROTEINS) (TONSILS--DISEASES)
(BLOOD--OXYGEN CONTENT) (RHEUMATIC FEVER)

UGRIMOVA, N., kandidat tekhnicheskikh nauk; BOGDANOV, F., inzhener.

Cleaning secondary textile raw materials. Prom.koop. no.4:26-27
Ap '56. (MLRA 9:8)
(Textile fabrics--Cleaning)

UGRIMOVA, N.V.

UGRIMOVA, N.V., kand.tekhn.nauk; EL'KIN, S.M.

Utilization of felt waste. Leg.prom. 16 no.10:21 0 '56. (MIRA 10:12)
(Felt) (Waste products)

UGRIMOVA, N., kand. tekhn. nauk

An important resolution remained on paper. Prom. koop. 13 no.4:28-29
Ap '59. (MIRA 12:6)

1. Rukovoditel' sektora Tekhnicheskoy kontory vtorsyr'ya Rospromsoвета.
(Salvage (Waste, etc.))

UGRIMOVA, N., kand.tekhn.nauk (Moskva)

Industry must have a good grade of cotton batting. Prom.koop.
14 no.3:29-30 Mr '60. (MIRA 13:7)
(Cotton waste)

AVIROM, S.M., kand. tekhn.nauk, nauchn. sotr.; GLITSER, L.I., kand. tekhn.nauk, nauchn. sotr.; GORELIK, S.A., kand. tekhn. nauk, nauchn. sotr.; LEYTEC, L.G., kand. tekhn. nauk, nauchn. sotr.; PLATONOVA, Ye.I., nauchn. sotr.; ROMASHOV, A.I., kand. tekhn. nauk, nauchn. sotr.; Prinyali uchastiye: ZOTCV, V.A., nauchn. sotr.; FILATOVA, M.V., nauchn. sotr.; NIKITIN, G.N., nauchn. sotr.; ROMASHOV, A.I.; GODINER, F.Ye., red.

[Recovery and use of secondary wool in consumers' goods] Proluchenie i primeneniye vtorichnoi shersti v izdeliyakh narodnogo potrebleniia. [By] S.M.Avirom i dr. Moskva, Izd-vo "Legkaia industriia," 1964. 260 p. (MIRA 17:5)

1. Nachal'nik pryadil'nogo tsekha Fushkinskoy fabрики No.13 (for Romashov).

VOL'PE, Ye.A., PLATONOVA, A.A.; UGRIMOVA, R.P.

Electrocoagulation conducted under ambulatory conditions and its
late results in nonhealing erosions of the cervix uteri. Akush.
1 gin. 36 no.3:69-70 My-Je '60. (MIRA 13:12)
(UTERUS--DISEASES) (ELECTROCOAGULATION)

USSR/Diseases in Farm Animals. Diseases Caused by Arachno-
Entoms.

Abs Jour: Ref Zhur-Bicl., No 12, 1958, 54957.

Author : Ugrin, I. N., Skovronskiy, R. V.
Inst : L'vov Institute of Zoological and Veterinary Sciences.
Title : Using Phenothiazine in Itch Treatment of Rabbits and
Cats.

Orig Pub: Sb. nauchn. tr. L'vovsk. zocvet. in-ta, 1956, 8, 89-91.

Abstract: When a 2 percent liniment of phenothiazine in cod-liver
oil was twice administered with a 5-6 day interval to
rabbits and cats, they recovered completely from pruritic
and skin itch. A recovery of the animals was also achie-
ved in 1-2 weeks after a 0.5 gr dose of phenothiazine in
powder form was administered twice into the auricle.

Card : 1/1

20

L 46949-66 EWT(m)/EWP(t)/ETI IJF(c) JD/JG

ACC NR: AP6030734

SOURCE CODE: UR/0021/66/000/008/1025/1027

AUTHOR: Kuz'ma, Yu. B.; Uhrin, N. S.--Ugrin, N. S. 21
B

ORG: L'vov Government University (L'vivs'kiy derzhavniy universitet)

TITLE: Crystal structures of some compounds of rare-earth metals with cadmium 2/ 2/

SOURCE: ANUkrRSR. Dopovidi, no. 8, 1966, 1025-1027

TOPIC TAGS: compound crystal structure, x ray diffraction analysis, rare earth metal, rare earth metal compound, cadmium containing compound

ABSTRACT: Alloys of terbium, holmium, and erbium with 40, 50, and 60 at% of cadmium, and alloys of thulium and lutecium with 40 at% of cadmium were prepared and subjected to x-ray diffraction analysis. The following compounds were identified in the alloys: (TbCd, HoCd, ErCd, TuCd, LuCd all five with C₃Cl-type crystal structure) and TbCd₂, HoCd₂, ErCd₂ all three with a (AlB₂ or CeCd₂ type crystal structure). Orig. art. has: [TD]
3 tables.

SUB CODE: 20/ SUBM DATE: 29Apr65/ OTH REF: 004/

Card 1/1 afs

L 46949-66 EWT(m)/EWP(t)/ETI IJP(c) JD/JG

ACC NR: AP6030734

SOURCE CODE: UR/0021/66/000/008/1025/1027

AUTHOR: Kuz'ma, Yu. B.; Uhrin, N. S.---Ugrin, N. S.

31
B

ORG: L'vov Government University (L'vivs'kiy derzhavniy universitet)

TITLE: Crystal structures of some compounds of rare-earth metals with cadmium

2/ 2/

SOURCE: ANUkrRSR. Dopovidi, no. 8, 1966, 1025-1027

TOPIC TAGS: compound crystal structure, x ray diffraction analysis, rare earth metal, rare earth metal compound, cadmium containing compound

ABSTRACT: Alloys of terbium, holmium, and erbium with 40, 50, and 60 at% of cadmium, and alloys of thulium and lutecium with 40 at% of cadmium were prepared and subjected to x-ray diffraction analysis. The following compounds were identified in the alloys: (TbCd, HoCd, ErCd, TuCd, LuCd all five with C₉Cl-type crystal structure) and TbCd₂, HoCd₂, ErCd₂ all three with a (AlB₂ or CeCd₂ type crystal structure). Orig. art. has: 3 tables. [T]

SUB CODE: 20/ SUBM DATE: 29Apr65/ OTH REF: 004/

Card 1/1 afs

UGRIN-SPARAC, Dmitrije (Zagreb)

Some aspects of the motion of a pendulum in a viscous fluid.
Glas mat fiz Hrv 16 no.3/4:229-249 '51.

UGRIN-SPARAC, D. (Zagreb)

Problems to be solved. Problems 243 and 244. Glas mat fiz Hrv
16 no.3/4:332-333 '61.

UGRIN-SPARAC, D.

"Model of 27 straights of a plane surface of the 3d order"
by [Zavod za nacrtanje geometriju AGG fakulteta, Zagreb]
V. Nice. Reviewed by D. Ugrin-Sparac. Bul sc Youg 7
no.1/2:14 F-Ap '62.

1. Rédacteur d'extraits, "Bulletin scientifique."

UGRIN-SPARAC, D.

"A contribution to the bundle of a second-order plane surface with polar tetrahedron" by [Zavod za nacrtnu geometriju AGG fakulteta, Zagreb] V. Nice. Reviewed by D. Ugrin-Sparac. Bul sc Youg 7 no.1/2:19 Apr '62.

1. Rédacteur d'extraits, "Bulletin scientifique."

UGRIN-SPARAC, D.

"Contribution to the bunch of the Reyesch tetrahedral ray complex" by V. Nice. Reviewed by D. Ugrin-Sparac. Bul sc Youg 7 no.4/5:120 Ag-0 .

1. Rédacteur d'extraits, "Bulletin scientifique".

UGRIN-SPARAC, D.

"On the continuity of constructive transformations" by M. Mihaljinec. Pts. 1-2. Reviewed by D. Ugrin-Sparac. Bul sc Youg 7 no.4/5:120-121 Ag-0 '62.

UGRIN-SPARAC, D.

"A remark on a recent paper of G. Zappa"; "A theorem on nilpotent groups" by Z. Janko. Reviewed by D. Ugrin-Sparac. Bul ac Young 7 no.4/5:121 Ag-0 '62.

UGRIN-SPARAC, D.

"On the formal treatment of the equation $(\Delta - L^{-2})\bar{\Phi} = 0$ in media with short length L " by M. Ribaric. Reviewed by D. Ugrin-Sparac. Bul sc Youg 7 no.4/5:121 Ag-0 '62.

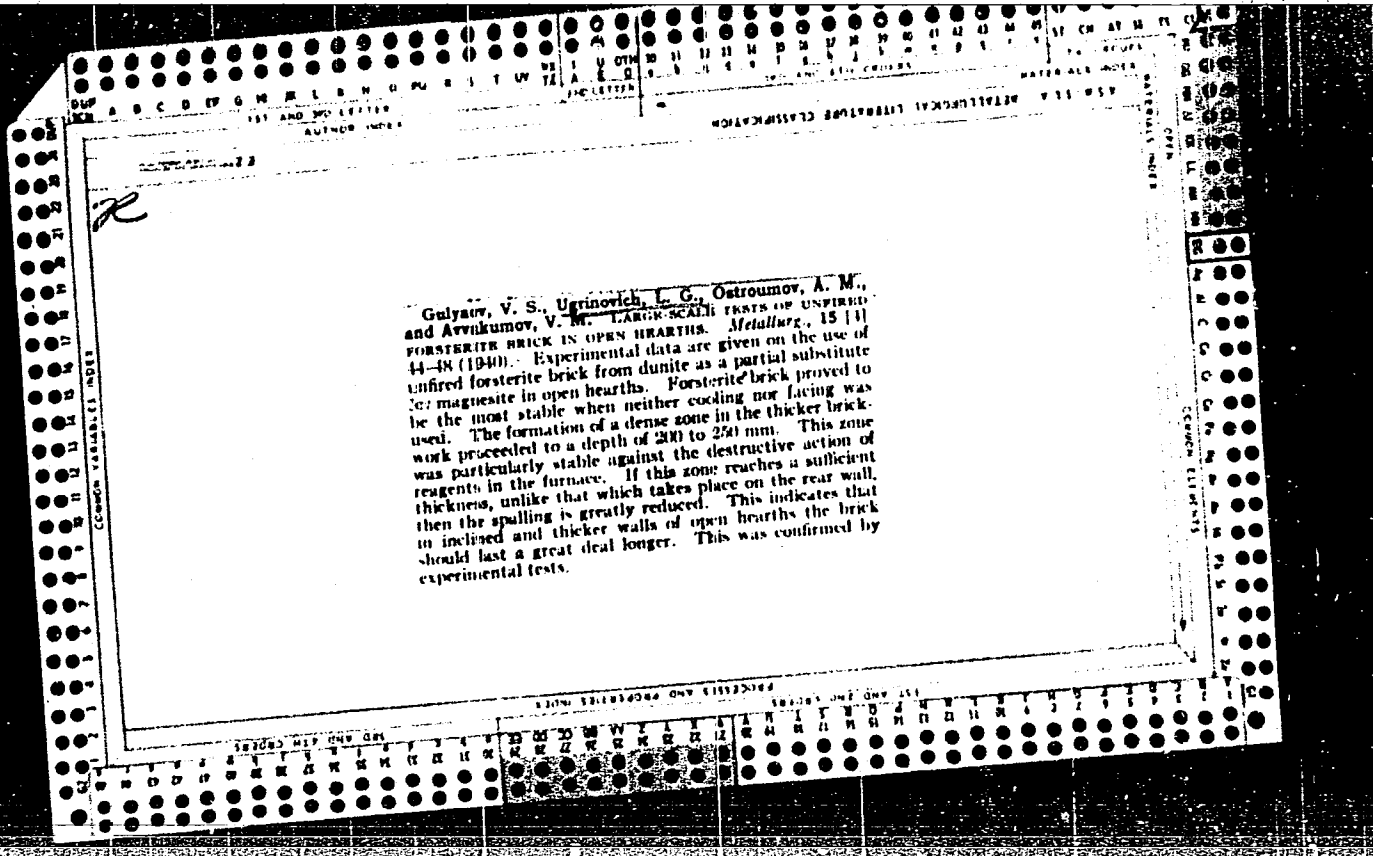
NGRIN-010010, 10/10/10

Abstract in the report of the Laboratory of the Institute of the Academy
and Physicists of Urechia. Glas. Fiz. Rev. 12 no.1/2:149-151 '64.

UGRINOV, U. P.

The Fight of the "collective Workers' Team of the "Bogdan" Industrial State
Enterprise for Increasing the Productivity of Labor

TEZHKA PROMISHLENOST (Heavy Industry) Issue 48; 45; August 1945



UGRINOVITS, M.

Some tasks and problems in foundry laboratories. p.116. (Kohaszati Kapok. Budapest.
Vol. 11, no. 5, May 1956. Ontode. Vol. 7, no. 5.)

SO: Monthly List of East European Accessions (EEAL) LC., Vol. 6, no. 7, July 1957. Uncl.

Автоматический перевод с русского языка на английский

AUTHOR: Kazanskiy, V. B.; Stepanov, D. I.; Ugrinakiy, I. I.

Ссылка на таблицу

Card 1/2

ACCESSION NR: APS007041

ASSOCIATION: Khar'kovskiy universitet (Khar'kov University)

SUBMITTER: Cuba

DATE: 1964

REF ID: A66015

NO REF NOV 006

CITIZEN: 001

47
Card 2/2

L 10780-66 EWP(t)/EWP(b) IJP(c) JD/TM

ACC NR: AP6004446

SOURCE CODE: CZ/0043/65/000/004/0302/0309

AUTHOR: Uhrova, Milada--Ugrova, M. (Graduate chemist); Malinovsky, Milan--
Malinovski, M. (Doctor; Engineer; Candidate of sciences)

ORG: Faculty of Inorganic Technology, Slovak Technical University, Bratislava
(Katedra anorganickej technologic Slovenskej vysokej skoly technickej)

TITLE: Laboratory apparatus for HF absorption

SOURCE: Chemicke zvesti, no. 4, 1965, 302-309

TOPIC TAGS: chemical laboratory apparatus, hydrogen fluoride, chemical absorption

ABSTRACT: The apparatus is constructed of polyethylene which is resistant to 37 w% solutions of HF. The working range is 0 - 50°C. The apparatus consists of an HF releasing vessel, and of an absorber. Description of the details of construction and operating instructions are given. The accuracy is +2%. The authors thank the workers of the Research Institute of Rubber and Plastics Technology in Gottwaldov, and, in particular, Engr. F. Tomis, Candidate of Sciences, for assistance with the suggested apparatus and with the preparations. Orig. art. has: 3 figures, 3 tables. [JPRS]

SUB CODE: 07 / SUBM DATE: 21Aug64 / ORIG REF: 004 / OTH REF: 001

SOV REF: 001

BC
Card 1/1

UGAYUBOV, S.F.

Improvement of hayfields with *Fuccinella distans* L. as dominant
grass on saline lands. Trudy TSSBS no.6:425-429 '63. (MIRA 17:7)

UGRYUMOV, A. K.

N/5
755.7
.29

Organizatsiya Dvizheniya Na Zheleznodorozhnom Transporte (Organization of Traffic in Railroad Transportation, by (I. I. Zubkov (1) A. K. Ugryumov. Moskva, Transzhelderrizdat, 1955.

443 p. Diagr., Tables.

Bibliography: p. 435-(437)

UGRYUMOV A.K., kandidat tekhnicheskikh nauk.

Methods of train make-up and specialization classification yard
tracks. Zhel.dor.transp.39 no.1:46-48 Ja '57. (MLRA 10:2)
(Railroads-- Making up trains)

UGRYUMOV, A. K., kand. tekhn. nauk

Effect of the method of placing passenger trains on the utilization
of the traffic capacity of double-track lines. Zhel. dor. transp.
40 no. 7:54-56 J1 '58. (MIRA 11:7)
(Railroad--Traffic)

UGRYUMOV, A.K., kand.tekhn.nauk

Problems of traffic organization on double-track sections. Sbor.LIIZHT
no.170: 34-63 '60. (MIRA 13:8)
(Railroads--Traffic)

UGRYUMOV, A.K., kand.tekhn.nauk (g.Leningrad)

New book on the organization of car flows ("Problems of the unification of weight standards and freight routing" by E.D. Fel'dman, R.V. Mezhova, V.P. Shul'ko. Reviewed by A.K. Ugriumov). Zhel. dor. transp. 43
no. 7:94-95 J1 '61. (MIRA 14:7)
(Railroads—Freight) (Fel'dman, E.D.) (Mezhova, R.V.)
(Shul'ko, V.P.)

ZUBKOV, Ivan Ivanovich, kand. tekhn. nauk; UGRYUMOV, Arkadiy Konstantinovich, kand. tekhn. nauk; BERNGARD, K.A., doktor tekhn. nauk, retsenzent; BOGDANOV, I.A., inzh., retsenzent; ZHURAVLEV, M.M., inzh., retsenzent; KOZAK, V.A., inzh., retsenzent; ROZENBERG, A.D., inzh., retsenzent; RYAZANTSEVA, Yu.A., inzh., retsenzent; SKALOV, K.Yu., kand. tekhn.nauk, retsenzent; PREDE, V.Yu., inzh., red.; KHITROVA, N.A., tekhn. red.

[Traffic organization in railroad transplrtation] Organizatsia dvizhenia na zheleznodorozhnom transporte. Izd.2., perer. i dop. Moskva, Transzheldorizdat, 1962. 399 p. (MIRA 16:1)
(Railroads--Traffic)

UGRYUMOV, A.K., kand.tekhn.nauk

Problems in the organization of suburban traffic on double-track
lines. Sbor.trud.LIIZHT no.189:6-21 '62. (MIRA 16:7)
(Railroads--Commuting traffic)

UGRYUMOV, A.K., kand.tekhn.nauk (Leningrad)

Effect of the daily irregularity of car flows on railroad operation.
Zhel.dor.transp. 46 no.3:59-63 Mr '64. (MIRA 17:3)

UGRYUMOV, A.K., kand. tekhn. nauk

Specification of the magnitude of additional time losses. Sbor. trud.
LIIZHT no. 221:3-21 '64. (MIRA 18:8)

ZUBKOV, I.I., kand. tekhn. nauk; ROMANOV, A.P., kand. tekhn. nauk;
TETREEV, M.N., kand. tekhn. nauk; UGRYUMOV, A.N., kand. tekhn. nauk;
KUZ'MIN, N.H., inzh. (g. Leningrad)

"Aspects of railroad operation. Zhel. dor. transp. 41 no.1:94-96
Ja '59. (MIRA 12:1)

(Railroads)

UGRYUMOV, A.N., inzh.

Accident on a 110 kv. electric substation caused by equipment failure. Energetik 9 no.7:25 J1 '61. (MIRA 14:9)
(Electric substations--Equipment and supplies)

UGRYUMOV, B., prof.

Review of I.R. Drobinskii's book "(^aacid-borne rickettsiosis."
Sov. med. 27 no.11:156-157 N '63 (MIRA 18:1)

UGRYUMOV, B. L. (Lt. Col.) Medical Corps

~~"Medical Corps"~~ Voyenno-Meditsinskiy Zhurnal, No 1, January 1947, pp 26-33.
"Some Peculiarities of Typhoid Fever in N--- Army,"

USUYUNOV, B. L.

Acute Liver Dystrophy in the Case of Botkin Disease.

VOYENNO-METSINSKIY ZHURNAL (MILITARY MEDICAL JOURNAL), No 3, 1955. p. 79.

UGRYUMOV, B.I., polkovnik meditsinskoy sluzhby; SOLOMIN, N.N., podpolkovnik
meditsinskoy sluzhby

Clinical and epidemiological characteristic of a natural reservoir
with two infections. Voen.-med. zhur. no.4:54-59 Ap '56. (MIRA 9:9)

(EPIDEMIOLOGY) (KIDNEYS--DISEASES)

(ENCEPHALITIS)

UGRYUMOV, B.L., kand.med.nauk

Urgent problems in the diagnosis and treatment of hemorrhagic
fevers. Lech. infekts. bol'. no.3:232-242 '57. (MIRA 14:5)
(HEMORRHAGIC FEVER)

UGRYUMOV, B.L. Doc Med Sci -- (diss) "Clinicoepidemiological
Characteristics of Ural ^{Hemorrhagic} Hemorrhoidal Fever". Mos, 1958.
15 pp (Min ~~Pub~~ Health SSSR. Central Institute for Adv^{the Institute} of Phys).
200 copies. (KL, 10-58, 121).

UGRYUMOV, B. L.

"Natural foci in diagnostic practice." p. 50

Desyatoye Soveshchaniye po parazitologicheskim problemam i prirodnouchagovym boleznyam. 22-29 Oktyabrya 1959 g. (Tenth Conference on Parasitological Problems and Diseases with Natural Foci 22-29 October 1959), Moscow-Leningrad, 1959, Academy of Medical Sciences USSR and Academy of Sciences USSR, No. 1 254pp.

UGRYUMOV, B.L., doktor med.nauk, polkovnik meditsinskoy sluzhby

Current problems in the diagnosis and treatment of infectious di-
seases. Voen.-med.zhur. no.9:91-94 S '59. (MIRA 13:1)
(COMMUNICABLE DISEASES)

UGHYUMOV, B.L., doktor med.nauk (Sverdlovsk)

Theory of natural foci [of diseases] in clinical practice; on the
75th birthday of E.N.Pavlovskii. Klin.med. 38 no.3: 3-8 Mr'60.

(MIRA 16:7)

(MEDICAL GEOGRAPHY) (PAVLOVSKII, EVGENII NIKAMOROVICH, 1884-)

UGRYUMOV, Boris Leont'yevich, doktor med. nauk; POSTOVIT, V.A., red.;
GITSHTEYN, A.D., tekhn. red.

[Clinical aspects of hemorrhagic fevers] Klinika gemorragi-
cheskikh likhoradok. Kiev, Gos. med. izd-vo USSR, 1961. 98 p.
(MIRA 15:3)

(HEMORRHAGIC FEVER)

MOROZKIN, N.I., prof., *otv.* red.; PADALKA, B.Ya., prof., red.;
KHOMENKO, G.I., prof., red.; UGRYUMOV, B.L., doktor med.
nauk, red.; FEDULOVA, Ye.G., kand. med. nauk, red.
RICHENKO, N.I., red.; CHUCHUPAK, V.D., tekhn. red.

[Infectious hepatitis; collection of scientific works]
Infektsionnyi gepatit; sbornik nauchnykh rabot. Kiev,
Gosmedizdat USSR, 1961. 305 p. (MIRA 15:7)

1. Akademiya meditsinskikh nauk SSSR, Moscow. Institut in-
fektsionnykh boleznei AMN SSSR. 2. Chlen-korrespondent Akademii
meditsinskikh nauk SSSR (for Morozkin).
(HEPATITIS, INFECTIOUS)

UGRYUMOV, B.L.

Scientific session of the Institute for Infectious Diseases of the Academy of Medical Sciences of the U.S.S.R. and the Republic Problem Commission of the Ministry of Public Health of the Ukrainian S.S.R. on the problem of Botkin's disease. Vest. AMN SSSR 16 no.4:91-95 '61.
(MIRA 15:5)

(HEPATITIS, INFECTIOUS)

UGRYUMOV, B. L., doktor med. nauk; VERZHKHOVSKAYA, A. A., kand. med. nauk;
KIRICHENKO, D. F. (Kiyev)

Side effects of hormone therapy in infectious hepatitis. Vrach.
delo no.3:112-117 Mr '62. (MIRA 15:7)

1. Institut infektsionnykh bolezney AMN SSSR.

(HEPATITIS, INFECTIOUS) (HORMONE THERAPY)

UGRYUMOV, B.L., prof.

Botkin's disease (infectious hepatitis). *Med. sestra* 22
no.5:28-31 My'63. (MIRA 16:8)

1. Iz Instituta infeksionnykh bolezney Ministerstva zdravo-
okhraneniya UkrSSR, Kiyev.
(HEPATITIS, INFECTIOUS)

SECRET

CONFIDENTIAL - SECURITY INFORMATION
Regulation No. 17 of the 1954 Code of Ethics (RUC) 1954

UGRYUMOV, B.L.; PROSKURYAKOVA, N.B.

Diagnostic significance of the heterohemagglutination reaction
in Botkin's disease. Zhur. mikrobiol., epid. i immun. 40 no.6:
114-118 Je '63. (MIRA 17:6)

1. Iz Instituta infeksionnykh bolezney AMN SSSR, Kiyev.

ACCESSION NR: AP5017023

UR, 0018/85/000/007/014/023
515 3.787-514.41 (063) (510.3)

ABSTRACT: The infectious diseases of greatest concern to health authorities in the

Card 1

Card 1/2

UGRYUMOV, B.L.; ROZHDESTVENSKIY, V.M.; RUDNEV, G.P.; AGAFONOV, V.I.;
KULAGIN, S.M.; KUCHERENKO, V.D.; KKTENKO, V.S.

Andrei Iakovlevich Alymov, d.1965; obituary. Zhur. mikrobiol.,
epid. i immun. 42 no.8:156-157 Ag '65. (MIRA 18:9)

UGRYUMOV, B.P.

Ugryumov, B.P. - "On the variances of clinical and anatomical diagnosis,"
Zdravookhraneniye Sov. Latvii, Symposium, 2, p. 21-28

SO: U-3950, 16 June 53, (Letopis 'Zhurnal 'nykh Statey, No. 5, 1949).

UGRYUMOV, B. P.

29252 Tsecheniye vyzvannogo S. typhi murium vospalitel'nogo ochaga u skorbutnykh zhiivotnykh. Izvestiya Akad. nauk Latv. SSR, 1949, No 8, s. 59-66. - Na latysh. i rus. yaz. - Bibliogr: 7 nazv.

SO: Letopsi' Zhurnal'nykh Statey, Vol. 39. Moskva, 1949

UGRYUMOV, B.P.

DVIZHKOV, P.P., otvetstvennyy redaktor; AVTSYN, A.P., redaktor; VINOGRADOVA, T.P., redaktor; DERGACHEV, I.S., redaktor; KUYAZEVA, G.D., redaktor; PALEYES, L.O., redaktor; RAPOPORT, Ya.L., redaktor; SMOL'YANNIKOV, A.V., redaktor; UGRYUMOV, B.P., redaktor; SHTERN, R.D., redaktor; KOMAROVA, Z.N., redaktor; ZAKHAROVA, A.I., tekhnicheskii redaktor

[Proceedings of the All-Union Conference of Pathoanatomists, Leningrad, July 4-9, 1954] Trudy Vsesoluznoy konferentsii patologo-anatomov 4-9 iulia 1954 g. Leningrad. Moskva, Gos. izd-vo med. lit-ry, 1956. 411 p. (MIRA 10:3)

1. Vsesoyuznaya konferentsiya patologoanatomov. Leningrad, 1954. (ANATOMY, PATHOLOGICAL CONGRESSES)

ASEYEV, D.D., professor; BERLIN, I.I., professor; VOZNESENSKIY, A.N.,
professor; SOROKIN, I.E., professor; UGRYUMOV, B.P., professor;
TOPCHAN, A.B., professor; AGAPKIN, I.N., kandidat meditsinskikh
nauk; AGRACHEV, G.I., kandidat meditsinskikh nauk; AL'TSHULER,
N.S., kandidat meditsinskikh nauk; BBERENZON, Ya.Ye., kandidat
meditsinskikh nauk; ZORIN, Ye.N., kandidat meditsinskikh nauk;
KOROVINA, Yu.P., kandidat meditsinskikh nauk; KOSITSKIY, G.I.,
kandidat meditsinskikh nauk; MANDEL'SHTAM, F.M., kandidat medi-
tsinskikh nauk; MOCHALOVA, T.P., kandidat meditsinskikh nauk;
OBLOGINA, Ye.Ya., kandidat meditsinskikh nauk; PATSKHVEROVA, A.G.,
kandidat meditsinskikh nauk; FOKOTILOV, K.Ye., kandidat meditsinskikh
nauk; ROZANOVA, M.D., kandidat meditsinskikh nauk; SAKHAROV, A.N.,
kandidat meditsinskikh nauk; YASHCHENKO, T.N., kandidat meditsin-
skikh nauk

"Tuberculosis"; handbook for physicians edited by Z.A. Lebedeva and
N.A. Shmelev. Reviewed by D.D. Azeev and others. Probl. tub. 34 no. 2:
76-80 Mr-Ap '56. (MLR 9:8)

(TUBERCULOSIS) (LEBEDEVA, Z.A.) (SHMELEV, N.A.)

UGRYUMOV, B.P. (Moskva)

Technic of hematoxylin staining. Arkh.pat. 21 no.6:80-81 '59.
(MIRA 12:12)

1. Iz patomorfologicheskogo otdeleniya Instituta tuberkuloza Ministerstva zdravookhraneniya RSFSR (dir. V.F. Chernyshev).

(STAINS AND STAINING

hematoxylin, technic (Rus))

UGRYUMOV, B.P., prof.; BRAUDE, V.I., kand.med.nauk (Moskva)

"Pathological anatomy of silicosis" by S.F.Serov. Reviewed by
B.P.Ugrimov, V.I.Braude. Arkh. pat. 21 no.10:74-75 '59. (MIRA 14:8)

(LUNGS--DUST DISEASES) (SEROV, S.F.)

ASEYEV, D.D., prof.; KLEBANOVA, A.A., kand.biolog.nauk; UGRYUMOV, B.P., prof.;
GUR'YEVA, I.G., kand.med.nauk

Clinical and bacteriological parallels in antibacterial treatment.
Probl.tub. 37 no.4:16-23 '59. (MIRA 12:10)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta tuber-
kuleza Ministerstva zdravookhraneniya RSFSR (dir. - kand.med.
nauk V.F.Chernyshev, zam.direktora po nauchnoy chasti - prof.
D.D.Aseyev).

(TUBERCULOSIS, ther.
bacteriol. & clin. parallels in antibact.ther.
(Rus))

VASIL'YEVA, N.N., kand. med.nauk; GOLUBEVA, K.I., kand. med. nauk;
GUL'KEVICH, Yu.V., prof.; DAL', M.K., doktor med.nauk,
prof.; IL'INA, A.V., kand.med. nauk; LEVKOYEVA, E.F., doktor
med.nauk, prof.; MASLOVA, I.P., kand. med.nauk; PRIGOZHINA,
A.L., kand. med.nauk; UGRYUMOV, B.P., prof.; SHATILOVA, T.A,
kand. med.nauk; SHCHEGLOVA, A.A., kand. med.nauk; DVIZHKOV,
P.P., prof., red. toma; STRUKOV, A.I., prof., red. toma;
OSTROVERKHOV, G.Ye., prof., glav. red.; APATENKO, A.K.,
kand. med. nauk, nauchn. red. toma

[Multivolume handbook on pathological anatomy] Mnogotomnoe
rukovodstvo po patologicheskoi anatomii. Otv. red. A.I.
Strukov. Moskva, Medgiz. Vol.1. [History of pathological
anatomy; pathological anatomy of the endocrine glands, skin,
ear, and eye] Istoriia patologicheskoi anatomii; patologi-
cheskaia anatomia zabolevanii endokrinnykh zhelez, kozhi,
ukha i glaza. Red. toma: P.P.Dvizhkov i dr. 1963. 670 p.
(MIRA 16:11)

1. Chlen-korrespondent AMN SSSR (for Strukov).
(ANATOMY, PATHOLOGICAL)

UGRYUMOV, E. K.

Jun 1947

USSR/Medicine - Air - Impurities
Atmosphere - Pollution

"Methods of Examining Pollution of the Atmosphere," N. M. Tomson, E. K. Ugryumov - "apozhnikova," 6 pp

"Gigiyena i Sanitariya" Vol XII, No 6

In 1946 a new type of electro-aspirator was constructed at the Laboratory of Atmospheric Hygiene, of the Institute of General and Public Hygiene, Academy of Medical Sciences. This contained an electrical source within the instrument making it adaptable for field use. It was portable and had a high degree of accuracy. The third model operated on 24 volts 30 watts, and held 20 alkali batteries with a capacity of 10 ampere hours each. During an 8-hour run the aspirator was able to accommodate 20 liters of air per minute.

PA 6T45

UGRIUMOV, G.

"Sulfur, Its Properties and Application," Sbornik Vsesoiuznogo Instituta
Zashchity Rastenii, no. 7, 1933, pp. 102-111. 464.9 1542

SO: SIRA, SI 90-53, 15 December 1953

UGRYUMOV, G.A., vet.vrach

Treating tetanus in animals with streptomycin. Veterinariia 35
no.5:108 My '58. (MIRA 12:1)

1. Direstupskiy vetuchastok, Dzhidinskiy aymak, Buryat-Mongol'skoy
ASSR.

(Tetanus) (Streptomycin)

TETERIV, Mikhail Nikolayevich; KLYUYEV, Yuriy Vladimirovich;
VOLOGDIN, L.A., inzh., retsenzent; KOMYAYEV, V.G., inzh.,
retsenzent; MILOKHOV, A.A., inzh., retsenzent; UGRYUMOV,
G.A., inzh., retsenzent; KISEL'NITSKIY, L.I., inzh., red.
VOROTNIKOVA, L.F., tekhn. red.

[Mechanization of the intrastation conveying of documents]
Mekhanizatsiya vnutristantsionnoi peresylki dokumentov. Mo-
skva, Transzheldorizdat, 1962. 68 p. (MIRA 15:7)
(Railroads--Stations) (Pneumatic-tube transportation)

SOTNIKOV, Yevgeniy Aleksandrovich; UGRYUMOV, Georgiy Arkad'yevich;
FARBEROV, Ya.D., inzh., ratsenzent; PREDE, V.Yu., inzh.,
red.; VOROTNIKOVA, L.F., tekhn. red.

[Operational planning of the work in a railroad station]
Operativnoe planirovanie raboty na stantsii. Moskva, Trans-
zheldorizdat, 1963. 56 p. (MIRA 16:3)
(Railroads--Management)

PIVEN', D.S.; PORTNOY, L.Ya.; LOGINOV, V.P.; UGRYUMOV, I.V.

Incubation of duck eggs on our state farm. Ptitssevodstvo
9 no.10:18-20 0 '59. (MIRA 13:2)

1. Direktor ptitsesovkhoza "Yasnaya Plyana", Stavropol'skogo
kraya (for Piven'). 2. Glavnyy zootekhnik ptitsesovkhoza
"Yasnaya Polyana," Stavropol'skogo kraya (for Portnoy).
3. Glavnyy vetvrach ptitsesovkhoza "Yasnaya Polyana", Stavropol'-
skogo kraya (for Loginov). 4. Zaveduyushchiy inkubatororiyem
ptitsesovkhoza "Yasnaya Polyana," Stavropol'skogo kraya (for
Ugryumov).

(Incubation) (Ducks)

UGRYUMOV, M.; ZAGAYNOV, N.

Reliable protection for clover seed plants. Zashch. rast. ot vred. i
bol. 10 no.6:9-10 '65. (MIRA 18:7)

1. Nachal'nik Kirovskoy stantsii zashchity rasteniy (for Uglyumov).
2. Glavnyy agronom po zashchite rasteniy Orichevskogo rayona, Kirovskoy oblasti.

ACC NR: AP6033520

corrosive liquids, and improve the dynamic properties of the converter, the operating slide element is hermetically separated from the electromagnetic device and by an air gap from the magnetically permeable bushing. The slide element and the armature are a single unit, and the sealing element also serves as the elastic element of the portable system. The adjusting screws are fixed to the poles of the permanent magnet so as to make it possible to use the converter for servo-mechanising with various output characteristics and in order to ensure the smooth tuning of converter characteristics [Translation]

SUB CODE: 09/SUBM DATE: 22Jul64/

Card 2/2

EXTRACTION AND PURIFICATION OF PARAFFIN FROM TAR OF THE ACHINAK SAPROPELITES

21

ca

Extraction and purification of paraffin from tar of the Achinsk sapropelites. A. N. Bashkirov and M. V. Ugrumov. *Khim. Tverdogo Topliva* 5, 547-53 (1934). 1 p. 10 5.85% of paraffin (on the tar) was derived from the tar by sep. the high-boiling fractions, crystg. and sweating. The paraffin is odorless, colorless and stable to light;

It contains no O compds. and is similar to the paraffin of crude oil. A. A. Bochtlingk

METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 04/03/2001

1ST AND 2ND ORDERS PROCESSES AND PROPERTIES INDEX 3RD AND 4TH ORDERS

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DD DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GG GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HR HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JV JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LL LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NM NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OO OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QP QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UV UW UX UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VU VV VW VX VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT WU WV WW WX WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV YW YX YY YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ

A 50-31A METALLURGICAL LITERATURE CLASSIFICATION

1200 177:02107 41200 030417 411111 000 000 111

SABOUD * J 12000 J 12000 J 12000 J 0111111 0000 411111 000 000 111

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DD DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GG GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HR HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JV JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LL LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NM NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OO OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QP QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UV UW UX UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VU VV VW VX VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT WU WV WW WX WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV YW YX YY YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ

1ST AND 2ND CODES

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH CODES

BC

119

Change of the irregular course of photo-oxidation during the day. Kinetic curves of respiration in sugarbeet leaves. *Trudy Vsesoyuznogo i. P. Dzhuzhikovskogo Instituta Biokhimiya i Biol.*, 1966, 45, 100-104, 10 figs., Russian, English, varying in the absorptive capacity of living tissue for CO₂; day operation cause fluctuations. *Ch. Ans. (p)*

COMMON ELEMENTS

OPEN

MATERIALS INDEX

ABB-51A METALLURGICAL LITERATURE CLASSIFICATION

5-2

SEARCH #1	SEARCH #2	SEARCH #3	SEARCH #4	SEARCH #5	SEARCH #6	SEARCH #7	SEARCH #8	SEARCH #9	SEARCH #10	SEARCH #11	SEARCH #12	SEARCH #13	SEARCH #14	SEARCH #15	SEARCH #16	SEARCH #17	SEARCH #18	SEARCH #19	SEARCH #20	SEARCH #21	SEARCH #22	SEARCH #23	SEARCH #24	SEARCH #25	SEARCH #26	SEARCH #27	SEARCH #28	SEARCH #29	SEARCH #30	SEARCH #31	SEARCH #32	SEARCH #33	SEARCH #34	SEARCH #35	SEARCH #36	SEARCH #37	SEARCH #38	SEARCH #39	SEARCH #40	SEARCH #41	SEARCH #42	SEARCH #43	SEARCH #44	SEARCH #45	SEARCH #46	SEARCH #47	SEARCH #48	SEARCH #49	SEARCH #50	SEARCH #51	SEARCH #52	SEARCH #53	SEARCH #54	SEARCH #55	SEARCH #56	SEARCH #57	SEARCH #58	SEARCH #59	SEARCH #60	SEARCH #61	SEARCH #62	SEARCH #63	SEARCH #64	SEARCH #65	SEARCH #66	SEARCH #67	SEARCH #68	SEARCH #69	SEARCH #70	SEARCH #71	SEARCH #72	SEARCH #73	SEARCH #74	SEARCH #75	SEARCH #76	SEARCH #77	SEARCH #78	SEARCH #79	SEARCH #80	SEARCH #81	SEARCH #82	SEARCH #83	SEARCH #84	SEARCH #85	SEARCH #86	SEARCH #87	SEARCH #88	SEARCH #89	SEARCH #90	SEARCH #91	SEARCH #92	SEARCH #93	SEARCH #94	SEARCH #95	SEARCH #96	SEARCH #97	SEARCH #98	SEARCH #99	SEARCH #100
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Ca

PROCESSES AND PROPERTIES INDEX

Comparative hydrogenation of aliphatic and alicyclic azines. I. Azines of hexahydrobenzaldehyde and enanthaldehyde. P. G. Uryumov. *J. Gen. Chem.* (U. S. S. R.) 10, No. 22: 1088-94 (1940).—The method used for the prepn. of the azine of hexahydrobenzaldehyde consisted of the reaction between $N_2H_4 \cdot H_2O$ and the aldehyde. Add a known amt. of $N_2H_4 \cdot H_2O$ to the aldehyde (purified by distn.) in an Erlenmeyer flask, let the reaction mass stand for several hrs., add ether, sep. the aq. layer, dry the ether layer for a short time with a small amt. of fused potash, distil off the ether and fractionate the residue *in vacuo*. The fraction b_1 , 176-8° is bis(hexahydrobenzylidene)hydrazine (hexahydrobenzaldazine). During the 1st distn. the azine is distd. nearly completely within temp. limits of 2-3°. A 2nd distn. produces the pure azine, b_1 103-7°, b_2 140-1°. It is a dense, colorless, oily liquid with a specific pleasant odor. The liquid solidifies completely in the receptacle, forming coarse needle-like crystals. The recrystd. and dried crystals m. 38.5°. It is insol. in water, sol. in alc., ether and benzene. The av. yield of the azine is approx. 85% (of the $N_2H_4 \cdot H_2O$). The azine of enanthaldehyde was prepd. by the same method. It is a colorless oily liquid with a characteristic, somewhat pleasant odor, b_1 163-4°, b_2 114-15°, b_3 156-7°, d_4^{20} 0.8380. Hydrogenation of the azines with Pt black in alc. solns. produced bis(hexahydrobenzyl)hydrazine (I) (α, α' -hydrazohexahydrotoluene) ($C_{11}H_{19}N_2$), a fairly dense, colorless oil, produces on standing without access to air crystals which disappear rapidly in air, possesses a fairly strong, but not unpleasant odor, is insol. in water, sol. in alc., slightly less sol. in ether, produces with HCl a white ppt. of di-HCl salt and on heating with NH_4AgNO_3 soln. produces a mirror, reacts slowly on heating with Fehling soln.; changes on standing in air, from the oxidation with atm. O, to yellow after several hrs., b_1 112-10°, b_2 140-2°, d_4^{20} 0.9114. Di-HCl salt, $C_{11}H_{19}N_2 \cdot 2HCl$, is formed from satg. I in alc. and ether with dry HCl. The white cryst. ppt. is washed. On standing in a desiccator with H_2SO_4 and KOH it slowly loses HCl. It consists of fine-grained white crystals with a somewhat sharp odor, m. 205-0° (decompn.), is hygroscopic, sol. in alc., slightly sol. in ether; during crystn. from hot alc. it loses 1 mol. of HCl and is transformed into the mono-HCl salt, which is pptd. from hot alc. solns. in the form of flat rhombic crystals, m. approx. 163-4°, dissolves slowly in cold water. N, N' -Di-Bz deriv. of I was prepd. from the reaction of I.HCl with dry benzene, $BzCl$ and anhyd. Na_2CO_3 . It consists of coarse crystals, m. 140.0-6.5° when recrystd. from acetone, insol. in water, slightly sol. in cold alc. and benzene, more sol. in acetone and ether. The yield was 92%. α, α' -Azohexahydrotoluene was prepd. from I, by heating for 30 min. on a water bath with HgO and standing overnight. The ether soln. was filtered, dried with potash, the ether distd. off and the residue distd. *in vacuo*. It is a pale yellow liquid, less viscous than I, possesses an unpleasant odor, b_1 116-17°, b_2 164-6°, d_4^{20} 0.9177. Diheptylhydrazine (hydrazoheptane) (II) was prepd. by distg. the hydrogenation products of diheptylidenehydrazine. It b_1 118-19°, is a dense colorless liquid with an unpleasant odor, produces on standing crystals, m. 47-8°, which disappear rapidly in air, is insol. in water, sol. in alc. and other org. solvents.

Lab. Org. Chem., Pennington State U.

METALLURGICAL LITERATURE CLASSIFICATION

less sol. in ether, forms a white ppt. instantly with HCl, produces a mirror on heating with a NH_4AgNO_3 soln., reacts with Fehling soln.; di-HCl salt, prepd. by satg. the II in ether-alc. with dry HCl, white ppt., m. approx. 160-70° to a yellow liquid, insol. in ether, slightly sol. in alc., slightly hygroscopic. The yield in some cases was 85%. $\text{N}_2\text{N}'$ -Di-Bz deriv. of II, was prepd. from II.2HCl with benzene, BzCl and anhyd. Na_2CO_3 . The mixt. was refluxed at the b. p. of benzene for 10 hrs., the benzene layer was washed with aq. soda and the benzene was evapd. The product is a dense oil which does not crystallize on prolonged standing in air and is sol. in aq. alc. Small crystals were formed on standing in a vacuum desiccator. After recrystn. from MeOH the crystals m. 48-0°, are insol. in water and sol. in the ordinary org. solvents. Azobenzene was prepd. by the oxidation of II by heating with HgO on a water bath for approx. 30 min. and letting it stand overnight. The ether layer was dried with BaO , the ether distd. off and the residue distd. *in vacuo*. A pale yellow liquid was obtained, b₁ 113-15°, b₂ 110-11°, b₃ 144-6°, insol. in water, possesses

an unpleasant odor, does not react with Fehling soln., d₄²⁰ 0.8187. The yield was 80%. Diheptylidenehydrazine is unstable to AcOH. Hydrogenation of I in AcOH proceeds faster and better than in alc. Both azines are hydrogenated with difficulty in ether and the reaction does not go to completion without replacing the solvent. The velocity of hydrogenation of the aldazine with cyclic radicals is 2-3 times slower than that of the analogous aldazine with aliphatic chains. 21 references. II. Azines of cyclohexanone and ethyl propyl ketone. *Ibid* 1905-8.—The azines of cyclohexanone (cyclohexanone ketazine, dicyclohexylidenehydrazine) and of EtCOPr (EtPr ketazine) were prepd. by heating the ketones with $\text{N}_2\text{H}_4 \cdot \text{H}_2\text{O}$ in alc. The azines were sepd. and purified by distn. The fraction sepd. from dicyclohexyl ketazine m. 140-1°. When crystd. from ether it m. 33-4°. EtPr ketazine is a greenish yellow liquid, d₄²⁰ 0.8203, b₁ 97.0-97.5°. Dicyclohexylidenehydrazine is hydrogenated in alc. in the presence of Pt black 1.2-1.4 times faster than is (EtPrC:N)₂. The main product of hydrogenation of dicyclohexylidenehydrazine is hydrazocyclohexane and that of (EtPrC:N)₂ is the corresponding hydrazo compd. 3,3'-hydrazocyclohexane. It is an oily liquid b₁ 99.5-101.5°. The yield was 75%. After a 2nd distn. it b₁ 99.5-101.5°. W. R. Henn
d₄²⁰ 0.8429. 4 references.

BOBYKOV, P. G.

"The Comparative Hydrogenation of Aliphatic and alicyclic Azines" part II. "Azines of Cyclohexanone and Ethylpropylketone". Zhur. Obshch. Khim. 10, No. 22, 1940. Laboratory of Organic Chemistry, Leningrad State University, received 9 June 1940.

Report, U-1612, 3 Jan. 1952.

UGRYUMOV, P. G.

USSR/Chemistry - Thermal decomposition

Card : 1/1

Authors : Dolgoplosk, B. A., Ugryumov, P. G., and Krol', V. A.

Title : Reactions of free radicals in solutions. Thermal stability of amino-azo-compounds of the aliphatic and aromatic series.

Periodical : Dokl. AN SSSR, 96, Ed. 4, 757 - 760, June 1954

Abstract : Data are presented on the thermal decomposition of various amino-azo-compounds (triazenes) in hydrocarbon solutions. The kinetics of thermal decomposition was determined by the rate of gas liberation during the reaction process. During the decomposition of aromatic compounds, the liberated gas contains only nitrogen. Eight references; 1-English 1887, 2-German since 1862 and 1907. Tables, graphs.

Institution : Scientific-Research Institute of Synthetic Rubber

Presented by: Academician A. A. Balandin, March 8, 1954

UGRYUMOV, Pavel Grigor'yevich; POZDNYAKOVA, N.I., redaktor; KLEBANSKIY, A.L.,
redaktor; RIBIN, I.V., tekhnicheskii redaktor.

[Organic synthesis in industry; a manual for teachers] Organicheski
sintez v promyshlennosti; posobie dlia uchitelei. Pod obshchei red.
A.L.Klebanskogo. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva
prosveshchenia RSFSR, 1955. 286 p. (MIRA 8:5)
(Chemistry, Organic--Synthesis)

UGRYUMOV, P.G., dotsent

Gasification of solid fuel. Khim.v shkole 10 no.2:9-17 Mr-Ap '55.
(Gas generators) (MLRA 8:7)
(Coal gasification, Underground)

UGRYUMOV, P.G. (g. Leningrad).

Thermal processing of wood. Khim. v shkole 12 no.3:3-13 My-Je '57.
(Wood--Chemistry) (MLRA 10:6)

UGRYUMOV, Pavel Grigor'yevich,; KOROBTSOVA, N.A., red.; NATAPOV, M.I., tekhn. red.

[Chemical processing of carbohydrates, fats and proteins in industry;
a manual for teachers] Khimicheskaya pererabotka uglevodov, zhirov
i belkov v promyshlennosti; posobie dlia uchitelei. Moskva, Gos.
uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1958. 252 p.(MIRA 11:11)
(Carbohydrates)
(Oils and fats)
(Proteins)

UGRYUMOV, P.G. (Leningrad)

Synthetic detergents. Khim. v shkole 13 no.5:16-24 S-0 '58.
(MIRA 11:9)

(Cleaning compounds)

UGRYUMOV, P.G. (g.Leningrad)

Simple experiment in obtaining hydrogen sulfide and learning its properties. Khim. v shkole 15 no.3:62-63 My-Je '60.

(Chemistry--Experiments) (Hydrogen sulfide) (MIRA 14:7)

~~UGHYUMOV, P.G.~~ TULYAKOVA, G.M. (Leningrad)

Summary of the data on the structure, characteristic properties,
methods of synthesis, and uses of high molecular weight compounds.
Khim. v shkole 15 no.5:46-55 S-O '60. (MIRA 13:10)
(Polymers)

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[Organic synthesis in industry; a manual for teachers and
students of pedagogical institutes. *Organicheski sintez v
promyshlennosti; posobie dlia uchitelei i studentov pedago-
gicheskikh institutov.* Izd.2., perer. i dop. Moskva, Pro-
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Improving the wearing characteristics of consumers' fabrics.
Tekst.prom. 20 no:45-48 JI '60. (MIRA 13:7)
(Textile fabrics)

Synthesis of the alkaloid arecoline. P. S. Ugrunyov. *Compt. rend. acad. sci. U. R. S. S.* 29, 48-52 (1940) (in English).

—Citric acid was treated with oleum and methylated, giving dimethylacetonedicarboxylic acid (I). I was condensed with AcH and MeNH₂·HCl with heating and mech. stirring, the reaction taking 4 hrs. and yielding di-Me 1,2,6-trimethyl-4-piperidone-3,6-dicarboxylate (II), m. 78°. A 2nd isomer was isolated from this reaction in the form of a viscous oil by extg. with benzene from the hot K₂CO₃ mother liquors. II was condensed with MeNH₂ and CH₂O. After the reaction was completed excess said. K₂CO₃ was added, the base extd. with benzene and the solvent removed. This process gave crystals of di-Me 3,6,7,8-tetramethyl-9-oxabispidine-1,5-dicarboxylate, $\text{CH}_3\text{NMe.CH}_2\text{C}(\text{CO}_2\text{Me}).\text{CO.C}(\text{CO}_2\text{Me}).\text{CHMe.NMe.CHMe}$ (III), m. 110-11°. Decomn. of III with dil. HCl while heating on a water bath gave Me-N-methyl-4-piperidone-3-carboxylate (IV). IV (7.8 g.) was dissolved in 80% alc. and reduced with H and a 17% Ni-83% Al catalyst under 3 atm. pressure. The catalyst was in pieces of peas, and had been treated with NaOH for 3 hrs. and washed free of alkali. The catalytic reaction was controlled by means of the reaction with FeCl₃, and on its completion the catalyst was filtered off and the solvent removed. This treatment gave Me-N-methyl-4-hydroxypiperidine-3-carboxylate (V) as a thick oil. V was dehydrated to give N-methyl-Δ^{4,5}-tetrahydropyridine-3-carboxylic acid (arecaidine) (VI). VI was heated on a water bath 16 hrs. with dry MeOH contg. 10% HCl. The alc. was distd. off and the product treated with K₂CO₃. The base was extd. with benzene and the benzene removed, giving on distn. in vacuo arecoline (the Me ester of VI), b. 74°, d₄²⁰ 1.0504, n_D²⁰ 1.4860. Addn. of alc. satd. with gaseous HBr to VI gave arecoline-HBr, m. 170°, which gave no depression in m. p. when mixed with a natural sample. The yield of arecoline from 50 g. citric acid was 1.5 g. A mechanism was proposed for the formation of arecoline alkaloids in plants, beginning with arginine: $\text{NH}_2\text{C}(\text{NH})\text{NHCH}_2\text{CH}_2\text{CH}_2\text{CH}(\text{NH}_2)\text{CO}_2\text{H} \rightarrow \text{O.O.CHNHCH}_2\text{CH}_2\text{CH}_2\text{CHCO}_2\text{H} \rightarrow \text{CH}_2\text{NH.CH}_2\text{CH}_2\text{CH}_2\text{CHCO}_2\text{H}$.

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Synthesis of the homologs of the alkaloid arecoline. P. S. Ugrumov. *J. Gen. Chem. (U. S. S. R.)* 11, 829-34 (1941); cf. *C. A.* 35, 3644f. - U. prepd. a no. of homologs of arecoline in the course of an investigation into the causes for isomerism of 6-membered N-contg. heterocyclic compds. A mixt. of 22 g. CO(CH₂CO₂Me) and 20 g. AcH was treated with 10g. MeNH₂. HCl in 15 cc. H₂O and 10 cc. MeOH; the flask stoppered, and after the initial reaction was over, the mass was heated with occasional shaking for 3 hrs. at 60-80°, the flask was then opened and heated in a boiling water bath to remove excess AcH; the mass was acidified and extd. with Et₂O or benzene, and the aq. layer cooled to 0° and treated with satd. K₂CO₃ soln., yielding 22 g. di-Me 1,2,6-trimethyl-4-piperidone-3,5-dicarboxylate (I), m. 76° (from petr. ether). The mother liquor was extd. repeatedly with benzene, and, on removal of benzene, 12 g. of base was obtained; this was probably a 2nd stereoisomer of I, of which 10 space isomers can be postulated altogether. I (20 g.) in 100 cc. H₂O and 6 g. CaO or hydrated CaO were let stand overnight, then treated with 60 cc. H₂O and 3 g. lime, then let stand for 4 days, with occasional shaking. The mixt. was then treated in the cold with dil. HCl added gradually until complete in the cold with dil. HCl occurred, then powd. NH₄ carbonate was added, the ppt. filtered off and the filtrate made strongly alk. with K₂CO₃ and extd. with benzene, with the extent of the reaction being tested by FeCl₃, as the product exists in keto-enol tautomeric forms; the solvent was distd. off and the product distd. *in vacuo*, 7 g. Me 1,2,6-trimethyl-4-piperidone-3-carboxylate (II), bp 120-1°, being obtained, d₄²⁰ 1.0773, n_D²⁰ 1.4836. II in 70 cc. 80% EtOH was reduced by H in the presence of a fresh Ni catalyst at room temp. and 3 atm. (100° and 50-80 atm. with an older catalyst). The EtOH was distd. off, leaving a non-distillable oil. Me 1,2,6-trimethyl-4-hydroxypiperidine-3-carboxylate (III). III in 200 cc. glacial AcOH satd. with dry HCl was heated in a sealed glass tube to 140-50° for 4 hrs., during which time the dehydration reaction was completed; the AcOH was distd. off, leaving 1,2,6-trimethyl-1,2,3,6-tetrahydropyridine-3-carboxylic acid-HCl (IV). IV in dry MeOH contg. 10% HCl was refluxed with exclusion of moisture at 80° for 16 hrs., the MeOH was then distd. off, the resulting HCl salt decompd. by K₂CO₃ and the free base extd. with benzene, the latter distd. off, and the product distd. *in vacuo*, yielding 5.0 g. of a mixt. of 2 isomeric forms of Me 1,2,6-trimethyl-1,2,3,6-tetrahydropyridine-3-carboxylate (V). The 1st isomer by 111°, d₄²⁰ 1.0125, n_D²⁰ 1.4812; when treated in twice its vol. of abs. EtOH to weakly acid reaction with a satd. soln. of HBr in abs. EtOH, it yielded a HBr salt which, with the aid of dry Et₂O, m. 163° (from Me₂CO) crystal. with the aid of dry Et₂O, m. 163° (from Me₂CO). The base in 50% HBr (1-20 soln.) was refluxed for 6 hrs., the HBr was distd. off and the HBr salt of the product, recrystd. from EtOH, m. 224°, and was apparently the salt of the 1st isomer of 1,2,6-trimethyl-1,2,3,6-tetrahydropyridine-3-carboxylic acid. The 2nd isomer of V by 93°, d₄²⁰ 0.9875, n_D²⁰ 1.4710; its HBr salt, prepd. as above, m. 140° (from Me₂CO). It was sapond. as the 1st isomer.

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yielding the *HR* salt of the 2nd isomer of 1,2,6-trimethyl-1,2,3,6-tetrahydropyridine-3-carboxylic acid, m. 314°. The 1st isomer is stable, the 2nd is labile, and on distn. is partially converted into the stable form; the same process occurs slowly at room temp. The freshly distd. labile isomer is a colorless liquid, which rapidly becomes colored to a cherry-like color. The stable isomer, colorless at first, on very prolonged standing acquires a color but not as deep as that of the labile isomer. Thus, for the first time there is observed stereoisomerism in homologs of arecoline. This isomerism is believed to be of the cis-trans type due to the spatial configuration of the Me groups in the 2- and 6-positions.

G. M. Koslanoff

(A) Electronic resonance of 1-methyl-8-piperidone. (B) Energy of electronic resonance of 1-methyl-8-piperidone. P. S. Ugrumov (*J. Gen. Chem. Russ.*, 1943, 13, 217-231, 222-229). (a) The dipole moment is shown by methods of analytical geometry to be 309×10^{18} , whereas the experimental val. is 401×10^{18} ; the difference is ascribed to resonance. (b) The mol. heat of combustion is 883.4 kg.-cal., whereas the "calc." val. exceeds this val. by 24.0 kg.-cal. Similarly, the heat of formation from the gaseous elements exceeds that "calc." by 26.6 kg.-cal. The differences of 24.0 or 26.6 kg.-cal. represent the resonance energy. R. T.

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Synthesis of 1-methyl-2-piperidone. P. S. U'ryunov, *J. Gen. Chem.* (U. S. S. R.) 14, 81-3 (1944) (English summary); cf. *C. A.* 48, 11052a. Ni-Al alloy (Raney-Ni catalyst), powdered to pea size, was treated with 2% NaOH for 3 hrs., washed with water and 5 g. (based on Ni) was introduced into mixt. of 42 g. 1-methyl-2-pyrklone and 200 cc. EtOH and hydrogenated at essentially atm. pressure in a shaking machine; the reaction requires about 1.5 hrs., after which the catalyst is filtered off and 1-methyl-2-piperidone is distd. *in vacuo*, b₁₀₀ 72°, n_D²⁰ 1.4818, d₄²⁰ 1.0331; the yield is quant. G. M. Kosolapoff

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