

S/145/61/000/010/001/008
D221/D304

The effect of sulphiding ...

with orientation around grains. The bushes were cut into rollers and turned in order to test them on friction, wear and running-in qualities. The anti-scuffing properties were determined by checking wear without lubrication. The graph of results indicates no reduction of wear due to sulphiding, when measurements were made with a passameter. Finally, tests were made for machinability determination, with simultaneous measurement of wear, by the method of Professor M. M. Krushchov. The results are tabulated, and they reveal that the sulphided components are run-in faster than the non-sulphided workpieces. The former also exhibit lower friction force and operate more steadily. The table demonstrates that the sulphur additive promotes greater wear which is contrary to previous investigations. Sulphiding may be recommended in cases where the main requirement is anti-scuffing property and not the wear resistance. There are 2 figures, 4 tables and 8 references: 7 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: F. D. Waterfall, Reducing scuffing and wear of ferrous metals, surface treatment by sulfidation process. Engineering no. 4846, 1959, 197.

Card 3/4

The effect of sulphiding ...

S/145/61/000/010/001/002
D221/D304

ASSOCIATION: Sredneaziatskiy politekhnicheskiy institut (Central
Asian Polytechnic Institute)

SUBMITTED: March 18, 1960

Card 4/4

18 1210

120
S/149/62/000/005/006/008
A006/A101

AUTHORS: Rudyuk, S. I., Mukhamedov, A. A.

TITLE: Reducing the heat treatment cycle for aluminum alloys AL9 (AL9)
and AL9 B (AL9V)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Tsvetnaya metallurgiya,
no. 5, 1962, 132 - 136

TEXT: The central laboratory of the "Tashsel'mash" Plant investigated in cooperation with the Tashkent Polytechnic Institute the possibility of reducing the heat treatment time of small AL9 and AL9V parts. The parts were quenched under various conditions and during 0.5, 1, 2, 4, 6, 8 and 12 hours. An electric shaft furnace with forced circulation of the air was used. The preheating temperature for quenching was $535 \pm 5^{\circ}\text{C}$. The mechanical properties of the alloys were tested on specimens recommended by GOST 2685-53. The surface roughness of raw and heat-treated specimens was determined with the use of a P 18 (R18) steel cutter, at 100 m/min cutting speed, 0.07 mm/rev feed rate, and 0.4 mm cutting depth. As a result of the investigation the following heat treatment conditions

Card 1/2

S/149/62/000/005/006/008
A006/A101

Reducing the heat treatment cycle for...

are recommended for small AL9 and AL9V parts: heating temperature for quenching, $535 \pm 5^\circ\text{C}$; holding time of the parts after the quenching temperature had been attained, 30 min. These conditions assure the following mechanical properties: for alloy AL9 after heat treatment "T4" (according to GOST 2685-53) $\sigma_b \geq 18 \text{ kg/mm}^2$; $\delta \geq 4\%$ and $H_B \geq 50 \text{ kg/mm}^2$. For alloy AL9V $\sigma_b \geq 16 \text{ kg/mm}^2$; $\delta \geq 1\%$ and $H_B \geq 50 \text{ kg/mm}^2$. Parts thus heat-treated proved to be satisfactory in operation on cotton-cutting machines. There are 3 tables and 6 figures.

ASSOCIATION: Tashkentskiy politekhnicheskiy institut (Tashkent Polytechnic Institute) Kafedra tekhnologii metallov (Department of Metal Technology)

SUBMITTED: December 5, 1951

Card 2/2

MIKHAYLOV, M.M.; MUKHAMEDOV, A.A.; RUDYUK, S.I.; ALIMOV, S.U.

High-temperature treatment as a means for increasing the productivity of thermal and chemical heat treatment processes. Izv.AN Uz.SSR.Ser.tekh.nauk 7 no.2:55-63 '63. (MIRA 16:4)

1. Tashkentskiy politekhnicheskij institut.
(Steel—Heat treatment)

MUKHAMEDOV, A.A.; CHEKUROV, V.V.

Effect of sulfuration on the cold brittleness of steel. Izv.
vys. ucheb. zav.; Chern. met. 7 no.7:183-186 '64
(MIRA 17:8)

1. Tashkentskiy politekhnicheskiy institut.

MUKHAMEDOV, A.A.; MAKSUDOV, Sh. Sh.

Wear resistance of 20KhGT steel to rolling friction depending
on the quenching temperature. Izv. AN Uz. SSR. Ser. tekhn. nauk
9 no. 6:54-56 '65 (MIRA 19:1)

1. Tashkentskiy politekhnicheskii institut. Submitted June 8,
1965.

MUKHAMEDOV, A.M., kandidat tekhnicheskikh nauk.

Washout of sedimentation in hydraulic installations. Vop.gidr.
no.1:101-112 '55. (MLBA 9:12)
(Sedimentation and deposition)

MUKHAMEDOV, A.M.

Results of field tests on the modification of the channel and the flushing of trash coming from the upper waters of the hydroelectric power station located on the piedmont section of a river. Trudy Inst. soor. AN Uz.SSR no.7:161-185 '55. (MIRA 10:3)
(Hydroelectric power stations)

SOV/124-58-3-2904

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 3, p 50 (USSR)

AUTHOR: Mukhamedov, A. M.

TITLE: Modification of a River Water-supply Intake (Pereustroystvo vodozabora iz rek)

PERIODICAL: Izv. AN UzbSSR, ser tekhn. n., 1957, Nr 1, pp 91-102

ABSTRACT: The article describes in brief water intakes not equipped with any dam and those equipped with a diversion dam used for irrigation canals in Central Asia. General ideas are presented with regard to the principles of the composition of water-intake and dam configurations and with regard to problems of changes in river beds due to the dams built on them. The formula on p 98 contains a misprint.

V. V. Fandeyev

Card 1/1

MUKHAMEDOV, A.M.; VOROB'YEV, V.A., kand. yur. nauk, red.

[Protection of people's property is a sacred duty of every Soviet citizen] Okhrana narodnoi sobstvennosti - sviashchennyi dolg kazhdogo sovetskogo grazhdanina. Ashkhabad, Ob-vo po raspr. polit. i nauchn. znani Turkmenskoii SSR, 1962. 40 p. (MIRA 16:9)
(Socialist property)

MUKHAMEDOV, A.M.

General instructions and recommendations on washing out alluvium
at hydraulic developments. Vop. gidr. no.10:77-99 '62. (MIRA 16:2)
(Alluvium)
(Hydraulic engineering)

MUKHAMEDOV, A.M.; SIVETS, N.N.

Results of the operation of the water intake of the Upper Zerafshan Hydroelectric Power Station. Vop. gidr. no.13:145-186. '63
(MIRA 17:8)

MUKHAMEDOV, A.M.

Approximate calculation of the channel of deposits of the upper water
of hydraulic units. Izv. AN Uz. SSR. Ser. tekhn. nauk 9 no. 5:55-63 '65.
(MIRA 18:10)

1. Sredneaziatskiy nauchno-issledovatel'skiy institut vodnykh
problem i gidrotekhniki.

MUKHAMEDOV, A.M.

Approximate calculation of the washout of sediments in the upper water of hydraulic units in case of a total lowering of the normal propped level line. Izv. AN Uz. SSR. Ser. tekhn. nauk 9 no. 6:26-29 '65 (MIRA 19:1)

1. Sredneaziatskiy nauchno-issledovatel'skiy institut vodnykh problem i gidrotekhniki. Submitted March 23, 1965.

RUSTAMOV, I.G.; MUKHAMEDOV, G.

Fourth Conference on the utilization and enrichment of biological complexes of the arid zone of the U.S.S.R. Izv. AN Turk. SSR. Ser. biol. nauk no.4:94-95 '64. (MIRA 17:11)

1. Turkmenskiy gosudarstvennyy universitet i Institut pustyn' AN Turkmenskoy SSR.

ARKHANGEL'SKIY, Ye.V., kand.tekhn.nauk; MUKHAMEDOV, G.A., kand.tekhn.
nauk; MAKSIMOVICH, B.M., kand.tekhn.nauk, retsenzent; PETROVA,
V.L., inzh., red.; BOBROVA, Ye.N., tekhn.red.

[Methodology for calculating the traffic capacity of a railroad
station] Metodika rascheta propusknoi sposobnosti stantsii. Moskva,
Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshchenia,
1962. 133 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii
institut zheleznodorozhnogo transporta. Trudy, no.235).

(MIRA 15:8)

(Railroads--Traffic)

(Railroads--Stations)

KRAPIVIN, A.F. (Sverdlovsk); MIKHAMEDOV, G.A., kand.tekhn.nauk (Sverdlovsk);
KRAVTSOV, S.D. (Sverdlovsk)

New developments in the classification station. Zhel.dor.-
transp. 44 no.11:77-78 N '62. (MIRA 15:11)

1. Glavnyy imzh. stantsii Sverdlovsk-Sortirovochnyy (for Krapivin).
2. Nachal'nik mekhanizirovannoy gorke stantsii Sverdlovsk-Sortirovochnyy (for Kravtsov).

(Railroads--Hump yards)

PETROV, A.P., doktor tekhn. nauk, prof.; TULUPOV, L.P., kand. tekhn. nauk; KRYUKOV, N.D., kand. tekhn.nauk; GUNDOBIN, V.N., inzh.; VASIL'YEV, G.S., kand. tekhn. nauk; GRISHIN, M.S., kand. tekhn. nauk; MOROZOVA, K.N., inzh.; ROZE, V.A., inzh.; LEVSHIN, G.L., inzh.; BERNGARD, K.A., doktor tekhn. nauk, prof.; BIKCHENTAY, M.A., inzh.; BUYANOV, V.A., inzh.; ILOVAYSKIY, N.D., inzh.; MUKHAMEDOV, G.A., kand. tekhn.nauk; MIROSHNICHENKO, A.P., inzh.; , V.P., inzh.; BUTS, V.D., inzh.; KAZIMOV, A.A., inzh.; KIREYEV, O.P., inzh.; DYUFUR, S.L., kand. tekhn. nauk; USTINSKIY, A.A., kand. tekhn. nauk; MIKHAYLOV, S.M., inzh.; NESTEROV, Ye.P., kand. tekhn. nauk, retsenzent; LIVSHITS, V.M., inzh., retsenzent; PREDE, V.Yu., inzh., red.; WOROTNIKOVA, L.F., tekhn. red.

[Control of transportation processes using electronic digital computers] Upravlenie perevosochnym protsessom s primeneniem elektronnykh taifrovyykh vychislitel'nykh mashin. Pod obshchei red. A.P.Petrova. Moskva, Transzheldorizdat, 1963. 207 p.

(MIRA 16:8)

1. Chlen-korrespondent AN SSSR (for Petrov).
(Railroads--Management) (Electronic digital computers)

ALEKSEYEV, A.I.; Prinsipali uchastiye: IVANOV, A.D.; LEBEDEV, B.F.;
DARENSKIKH, P.V.; BABKIN, N.I.; MEL'NIKOV, V.G.; NIKITIN, V.V.;
MUKHAMEDOV, K.A.

Automatic welding of the cylindrical part of a decomposer shell.
Avtom. svar. 14 no.8:78-82 Ag '61. (MIRA 14:9)

1. Trest "Uralstal'konstruktsiya."
(Electric welding)
(Aluminum industry--Equipment and supplies)

MURHAMIDOV, K. K.

MURHAMIDOV, K. K. = "Pests of seed lucerne and measures to combat them in the Turkmen SSR." Acad Sci USSR. Zoological Inst. Academic Council. Leningrad, 1956. (Dissertation for the Degree of Candidate in Biological Sciences).

SO: Krizanars Letovis' No. 22, 1956

MUKHAMEDOV, K.K.

Biology of the alfalfa pest *Camptopus lateralis* Germ. (Heteroptera, Coreidae) in Turkmenistan. Ent. obozr. 41 no.3:505-509 '62.
(MIRA 15:10)

1. Turkmenskiy pedagogicheskiy institut, g. Chardzhou.
(Turkmenistan—Coreidae)
(Turkmenistan—Alfalfa—Diseases and pests)

MUKHAMEDOV, K.K.

Alfalfa stalk pest *Mordellistena pumila* Gyll. (Coleoptera,
Mordellidae) in Turkmenia. Izv. AN Turk.SSR.Ser.biol.nauk
no.4:92-94 '65. (MIRA 18:9)

1. Turkmenskiy pedagogicheskiy institut.

FINKEL'SHEYN, M.Z.; TIMOEHIN, I.M.; MUKHAMEDOV, Kh.U.

Quantitative determination of the sodium salt content of carboxymethyl cellulose. Izv.vys.ucheb.zav.; neft' i gas 1 no.12: 45-50 '58. (MIRA 12:4)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti im. akad.I.M.Gubkina i sovmarkhoz Ferganskogo ekonomicheskogo rayona.
(Cellulose) (Oil well drilling fluids)

MUKHAMEDOV, Kh.U.; FINKEL'SHTEYN, M.Z.

Developing and perfecting the technology of the production of
carboxymethyl cellulose ethers with the use of the raw materials
and equipment of viscose fiber plants. Trudy MINKHIGP no.28:179-
197 '60. (MIRA 14'4)

(Cellulose)

MUKHAMEDOV, M. F.

Cand Tech Sci - (diss) "Search for the hydrothermal regime of maintenance of cocoons of the mulberry silkworm as to gas metabolism of the chrysalis." Tashkent, 1961. 23 pp; with diagrams; (Ministry of Agriculture Uzbek SSR, Tashkent Agr Inst); 200 copies; price not given; (KL, 10-61 sup, 222)

MUKHAMEDOV, M.M.

Automation of the production processes in cocoon reeling and its
technical and economic efficiency. Sbor. nauch.-issl. rab. TTI
no.4:179-195 '57. (MIRA 11:9)
(Sericulture) (Automation)

MUKHAMEDOV, Rizamat Musa

Viticulture

My experience in shaping and trimming grape vines. Vin. SSSR 12 No. 8, 1952

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

30(6)

V. 19-10-10-10

AUTHOR:

Mukhamedov, S., Tashkent

TITLE:

In the World of Books and Periodicals (V mire knig i zhurnalov) "Fan va turmush" ("Fan va turmush")

: REF ID:

Tekhnika molodezhi, 1956, Nr 12, pp 12-19 (3)

LIT. CIT:

In this article, the periodical "Fan va turmush" appearing since 1957 is submitted to a short criticism. This popular-scientific magazine (scientific magazine for the general public) is the organ of the Academy of Sciences of the Uzbekskaya SSR. Its "Fan va turmush" is the first periodical to appear in Uzbek, its edition was an important cultural event. It informs a great circle of readers in the country and in towns about the latest achievements in the various fields of science and engineering in the USSR, in the Uzbekskaya SSR, and abroad. It extends the field of view and promotes civilization of the whole people. Among other things, the magazine published articles by Said Shermukhamedov, a young scientific collaborator at the Institut filosofii i prava AN UzSSR (Institute of Philosophy and Laws of the Uzbekskaya SSR), by A. A. Mal'tsev, Member, Academy of Sciences.

Card 1/2

In the World of Books and Periodicals. "Yan va turmush" NOV/29-59-12-12/21

Uzbekskaya SSR, by N. Gulyamov, Candidate of Medical Sciences,
by V. S. Starodubtsev, Member, Academy of Sciences, and by
Vice-President of the Uzbekskaya SSR, and by many other
authors. In 1955 the volume of the periodical was increased
from 33 to 40 issues. The periodical "Yan va turmush" enjoys
great popularity.

Card 2/2

MUKHAMEDOV, S.

Investigators of new developments. Sov.foto 21 no.5:10-13 My '61.
(MIRA 14:5)

1. Ministr kul'tury Uzbekskoy SSR
(Uzbekistan—Photography—Exhibitions)

L 42432-65 EWT(1)/EMA(j)/EMA(N)-2 JK

ACCESSION NR: AP5007993

S/0016/65/000/002/0061/0065

AUTHOR: Mukhamedov, S. M.

TITLE: Specific epidemiological and epizootiological features of brucellosis in Uzbekistan. Report I

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 2, 1965, 61-65

TOPIC TAGS: Br. melitensis, brucellosis, Uzbekistan, epidemiology, epizootiology, milk

ABSTRACT: The specific epidemiological feature of present day brucellosis in Uzbekistan is the reduced incidence in agricultural workers and the rising incidence in the rest of the population, especially in the cities. The specific epizootiological feature is the increasing number of cattle stricken with brucellosis and the reduced number of goats affected by the disease. Milk and milk products from diseased cattle have been found largely responsible for the increasing number of brucellosis cases in the human population. A revision of the sanitary and veterinary regulations is recommended

Card 1/2

L 42432-65

ACCESSION NR: AP5007993

for farms where cattle brucellosis is bacteriologically proven to be caused by the migration of Br. melitensis. With reservoir expansion of epidemic brucellosis causative agents, factors promoting the migration of Br. melitensis to cattle should be investigated. The properties of brucella parasitic in cattle which actually are not the primary hosts of this species should also be investigated. Orig. art. has: 1 table.

ASSOCIATION: Uzbekskaya respublikanskaya sanitarno-epidemiologicheskaya stantsiya (Uzbek Republic Sanitary and Epidemiological Station)

SUBMITTED: 12Mar63

ENCL: 00

SUB CODE: LS

NR REF SOV: 004

OTHER: 000

BJS
Card 2/2

MUKHAMEDOV, S.M.; GHICHENINA, Z.M.; ALEYNIKOVA, A.F.

Characteristics of Brucella strains isolated from humans and animals in Uzbekistan. Zhur. mikrobiol., epid. i immun. 42 no.11: 6-9 # '65. (MIRA 18:12)

1. Uzbekskiy institut krayevoy meditsiny AMN SSSR i Uzbekskaya respublikanskaya sanitarno-epidemiologicheskaya stantsiya. Submitted June 16, 1964.

L 63087-65 ENT(1)/EWA(j)/EWA(b)-2 JK

ACCESSION NR: AP5015072

UR/0242/65/000/004/0008/0009

AUTHOR: Chichenina, Z. M.; Mulhamedov, S. M.; Aleynikova, A. F.; Davydov, N. Kh. 29
28

TITLE: Epidemiological role of cattle for slaughter in occupational brucellosis development at the Tashkent Meat Packing Plant

SOURCE: Meditsinskiy zhurnal Uzbekistana, no. 4, 1965, 8-9

TOPIC TAGS: brucellosis, epidemiology, food processing, industrial hygiene

ABSTRACT: The present study was prompted by the high incidence of brucellosis over many years among workers of the Tashkent Meat Packing Plant, including office workers, electromechanical workers, and others. From 1958 to 1962, 14.5% of all absenteeism due to illness at the plant was caused by brucellosis. Bacteriological investigations of blood and bone marrow of workers from 1958 to 1962 disclosed 50 brucella cultures, that is, in 35% of all workers. This group included fresh and chronic forms of brucellosis and all cultures were identified as Br. melitensis. In studying the clinical course of

Card 1/2

L 63087-65

ACCESSION NR: AP5015072

the disease, it was noted that in most cases the incubation period did not coincide with the time that the known brucellosis infected animals were slaughtered. This circumstance focused attention on the incoming certified "healthy" cattle. Special serological and bacteriological investigations of all "healthy" cattle were conducted, and some of the certified "healthy" animals were found to be infected with brucellosis. Such cases undoubtedly contribute to the high incidence of brucellosis because the necessary precautions during slaughtering and meat processing are not exercised. Veterinary personnel are strongly advised to inspect cattle more carefully before certification, and plant supervisory personnel are urged to enforce personal hygiene and industrial hygiene regulations more effectively. Orig. art. has: 1 table.

ASSOCIATION: Uzbekskaya respublikanskaya protivochumnaya stantsiya
(Uzbek Republic Antiplague Station)

SUBMITTED: 15Apr64

ENCL: 00

SUB CODE: LS, GO

NR REF SOV: 000

OTHER: 000

Card 2/2

L 28440-66 EWT(1)/T JK

ACC NR: AP6019111

SOURCE CODE: UR/0016/65/000/011/0006/0009

AUTHOR: Mukhamedov, S. M.; Chichenina, Z.M.; Alesnikova, A.F.

23
B

ORG: Uzbek Institute of Regional Medicine, AMN SSSR (Uzbekskiy institut krayevoy meditsiny AMN SSSR); Uzbek Republic Sanitary-Epidemiological Station (Uzbekskaya respublikanskaya sanitarno-epidemiologicheskaya stantsiya)

TITLE: Characteristics of Brucella strains isolated from humans and animals in Uzbekistan

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 11, 1965, 6-9

TOPIC TAGS: brucellosis, bacteria, bacteriology

ABSTRACT: Study of Brucella cultures isolated from cattle, sheep, and goats and from humans showed that 100 out of 161 were typical representatives of Br. melitensis (62.1%) while 31 were typical Br. abortus (19.1%). Atypical properties were noted in 19 cultures of Br. melitensis (11.1%) while 11 cultures were typed Br. abortus (6.7%). The Br. melitensis strains isolated from the sheep and goats were generally typical representatives of this species of Brucella. Of the cultures isolated from cattle, 14.6% of the Br. melitensis strains and 13.4% of the Br. abortus strains were atypical. Among the Br. melitensis cultures isolated from sick people, 11.2% were atypical. These were obtained from individuals handling cattle on farms where brucellosis was prevalent. Orig. art. has: 2 tables. /JPRS/

SUB CODE: 06/ SUBM DATE: 16Jun64/ ORIG REF: 006/
Card 1/1 UDC: 576.851.42.01 (575.1)

MUKHAMEDOV, I.; LIYENTV, Sh.I.

Disorders in the permeability of the skin capillaries in combined exposure to I^{131} and noise. Med. rad. 9 no.8:34-37 Ag '64. (MIRA 18:4)

L 39692-65

ACCESSION NR: AP5006685

S/0219/65/059/002/0043/0046

AUTHOR: Mukhamedov, T.

16
B

TITLE: The effect of the combined action of radioactive iodine-131 and noise on cardiac activity

SOURCE: Byulleten' eksperimental'noy biologii i meditsiny, v. 59, no. 2, 1965, 43-46

TOPIC TAGS: radioactive element, iodine, noise, cardiodynamics, cardiovascular system

ABSTRACT: A study was made of the effect on cardiac activity of I¹³¹, noise, and the combined action of these two factors in male dogs weighing 10-15 kg. Prolonged administration of I¹³¹ in a dose of 4 to 5 μ curies/kg caused a change in the EKG waves and intervals (deceleration of cardiac contractions, increase in the PQ and QT intervals and in the P wave, shifting of the ST intervals to below the isoelectric line), especially distinct in functional loading. Noise (100-105 db) caused moderate EKG changes (deceleration of cardiac contractions, reduction of the PQ and QT intervals and also of the P wave). The combined action of these factors produced the same changes as with iodine-131 alone (deceleration of cardiac contraction, an

Card 1/2

L 39692-65

ACCESSION NR: AP5006685

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increase in the PQ and QT intervals, reduction of the P wave, an increase of the R wave, shifting of the ST to below the isoelectric line, appearance of a biphasic negative T wave). However, these changes set in earlier and were more pronounced under the combined action.

ASSOCIATION: Institut krayevoy eksperimental'noy meditsiny, Tashkent (Institute of Regional Experimental Medicine)

SUBMITTED: 17Mar64

ENCL: 00

SUB CODE: LS, PH

NO REF SOV: 019

OTHER: 002

Card 2/2 MB

MUKHAMEDOV, YA. YU.

Mukhamedov, Ya. Yu.

"The X-ray diagnosis of dyskinesia of the gall bladder." Tashkent State Medical Inst imeni V. M. Molotov. Tashkent, 1956. (Dissertation for the Degree of Candidate in Medical Science)

So: Knizhnaya letopis', No. 25, 1956

MIKHAMEDOV, Ya. Yu., kand.med.nauk

X-ray diagnosis of secondary dyskinesias of the gall bladder.
Med.shur.Usb. no.12:18-22 D '58. (MIRA 13:7)

1. Iz kafedry rentgenologii i meditsinskoj radiologii (zavedu-
yushchiy - prof. S.A. Molchanov) Tashkentskogo gosudarstvennogo
meditsinskogo instituta.

(GALL BLADDER--DISEASES)

MUKHAMEDOV, Ya.Yu., rentgenolog; SHAYAKHMEDOVA, R.S., red.; AKSEL'ROD, M.B., red.; TSAY, A.A., tekhn. red.

[X-ray diagnosis of dyskinesias of the gall bladder] Rentgenodiagnostika diskinezii zhelchnogo puzyria. Tashkent, Medgiz, UzSSR, 1961. 120 p. (MIRA 15:6)

(GALL BLADDER—DISEASES)

KLOCHENKO, M. Ye.; MUKHAMEDOV, Ya. Yu.; PIR, T.A.

Two cases of melorheostosis. Med. zhur. Uzb. no.10:68-69 '61.

(MIRA 14:10)

1. Iz kafedry rentgenologii i meditsinskoy radiologii Tashkentskogo
gosudarstvennogo meditsinskogo instituta.

(OSTEOSCLEROSIS)

MUKHAMEDOV, ZH.A. inzh.

Distribution of icing points in section and classification yards.
Vest. TSNII MPS no. 5:43-47 JI '50. (MIRA 11:8)
(Railroads~Yards)

MUKHAMEDOV, Zh. A.: Master Tech Sci (diss) -- "The organization of the handling of refrigerator cars and the location of icing points at section stations".

Moscow, 1959. 17 pp (Min Transportation USSR, All-Union Sci Res Inst of Railroad Transport), 150 copies (KL, No 8, 1959, 137)

L 16677-65 EWT(m)/EWP(e) ESD(c)/ESD(t)/AEDC(a) WH

ACCESSION NR: AP4045627

S/0020/64/158/002/0317/0320

AUTHOR: Bel'skiy, N. K.; Mukhamedova, D. A.; Obreimov, I. V. B

TITLE: Profile of the absorption and dispersion curves of the R-lines in ruby 15

SOURCE: AN SSSR. Doklady*, v. 158, no. 2, 1964, 317-320

TOPIC TAGS: absorption, ruby crystal, dispersion, Lorentz line profile, Gauss line profile, oscillator strength, polarization interference method

ABSTRACT: This experimental investigation was undertaken in order to determine whether the absorption and dispersion curves of the ruby R-lines have the Lorentz or the Gauss profile. The absorption spectra were obtained at room temperature. The ordinary and extraordinary rays were photographed separately with the DFS-3 spectrograph. The dispersion was measured with the same specimen by the polarization interference method described previously (N. K. Bel'skiy, DAN 143, #6, 1313 (1962)). The results indicate that the Lorentz curve fits well the experimental data. The oscillator strengths for R_1 and R_2

Card 1/2

L 16677-65

ACCESSION NR: AP4045627

lines were found to be 1.5×10^{-6} and 0.8×10^{-6} , resp. The author is grateful to academician I. V. Obreimov for his interest, and to M. A. Mazing and A. M. Leontovitch for lending the equipment and the ruby specimen. Orig. art. has: 4 figures 4

ASSOCIATION: Institut elementoorganicheskikh soyedineniy Akademii nauk SSSR (Institute of Elemental-Organic Compounds, Academy of Sciences, SSSR)

SUBMITTED: 17Jun64

ENCL: 00

SUB CODE **SS**

NO REF SOV: 002

OTHER: 002

Card 2/2

L 1639-66 EWT(d)/EWT(1)/EPF(c)/EEG(k)-2/EPF(n)-2/T/ETC(m) LFP(c) WW

ACCESSION NR: AP5014845

UR/0020/65/162/003/0527/0529

AUTHORS: Bel'skiy, N. K.; Mukhamedova, D. A.

TITLE: Determination of the oscillator strength of the R_1 line of ruby at 78 K by the Rozhdestvenskiy hook method

SOURCE: AN SSSR. Doklady, v. 162, no. 3, 1965, 527-529

TOPIC TAGS: ruby laser, ruby laser line, oscillator strength, temperature effect

ABSTRACT: This is a continuation of earlier work (DAN v. 158, No. 2, 317, 1964) in which the oscillator strength of the R_1 line of ruby was obtained at room temperature. The present article describes measurements of the oscillator strength at liquid-nitrogen temperature. The feasibility of applying the Rozhdestvenskiy hook method to this problem is first discussed briefly. The usual optical scheme for obtaining the hooks was modified to adapt it to the investigation of narrow polarized lines in crystals. The Rozhdestvenskiy interferometer was replaced by a polarization interferometer described by one

Card 1/3

L 1639-66

ACCESSION NR: AP5014845

15
of the authors (Bel'skiy, DAN v. 143, No. 6, 1313, 1962). Ruby crystals with Cr^{3+} concentrations 0.098 and 0.044 per cent and of length 24.04 mm were investigated. The oscillator strengths calculated for both concentrations were equal at 1.5×10^{-6} the error being 6 per cent for the 0.098 per cent Cr^{3+} and 7 per cent for the 0.044 per cent Cr^{3+} . It is therefore concluded that the oscillator strength of the ruby R_1 line does not change when the temperature goes from room to 78K. The authors thank I. V. Obreimov and B. L. Lifshits for continuous interest in the work and useful hints. The authors thank also S. V. Grum-Grzhimaylo for measuring the concentration of the Cr^{3+} ions in the ruby samples. This report was presented by I. V. Obreimov. Orig. art. has: 2 figures and 3 formulas

44.58
ASSOCIATION: Institut elementoorganicheskikh soedineniy Akademii nauk SSSR (Institute of Organelemental Compounds, Academy of Sciences, SSSR)

Card 2/3

L 1639-66

ACCESSION NR: AP5014845

SUBMITTED: 04 Nov 64

ENCL: 00

SUB CODE: OP, EQ

NR REF SOV: 005

OTHER: 001

Card 3/3 AP

MUKHAMEDOVA, E. D.

MUKHAMEDOVA, E. D.—"Aspects of the Peripheral Blood of Gray Karakul Lambs."
Min Higher Education USSR. Alma-Ata Zooveterinary Institute.
Alma-Ata Samarkand, 1955. (Dissertation for the Degree of Candidate
in Biological Science).

80 Knizhanay letopis'
No 2, 1956

Мухамедова, Е. Д.

Morphological and biochemical characteristics of blood of gray Persian lambs which are incapable of living. E. D. Muxamedova, *Karakulovodstvo i Zverovodstvo* 9, No. 1, 50-5 (1956).—The content of hemoglobin of the albinoid lamb starts to decrease at the second month of life. The differential blood count also shows pathol. changes. Serum Ca, pH, and total alkalinity are decreased. V. Mitailov

med

1

MUKHAMIDOVA, I.G.

Germination of the pollen of primitive aperiodic species of potato
in the pistil of selected brands. Dokl. AN Uz. SSR no.10:61-64 '57.
(MIRA 11:5)

1. Usbekakaya ovoshche-kartofel'naya opyt'naya stantsiya. Predstav-
leno chlenom-korrespondentom AN UzSSR I.A. Raykovoy.
(Potato breeding)

MUKHAMEDOVA, I.G.

Cobalt fluctuations in the blood serum in typhoid and paratyphoid diseases. Nauch.trudy uch.i prak.vrach.Usb. no.3:121-126 '62.
(MIRA 16:2)

1. Iz kafedry infektsionnykh bolezney Tashkentskogo gosudarstvennogo instituta dlya usovershenstvovaniya vrachey (zav. - chlen-korrespondent AMN SSSR prof. I.K. Misabayev).

(COBALT IN THE BODY) (TYPHOID FEVER) (PARATYPHOID FEVER)

MUKHAMEDOVA, L. A.

188T17

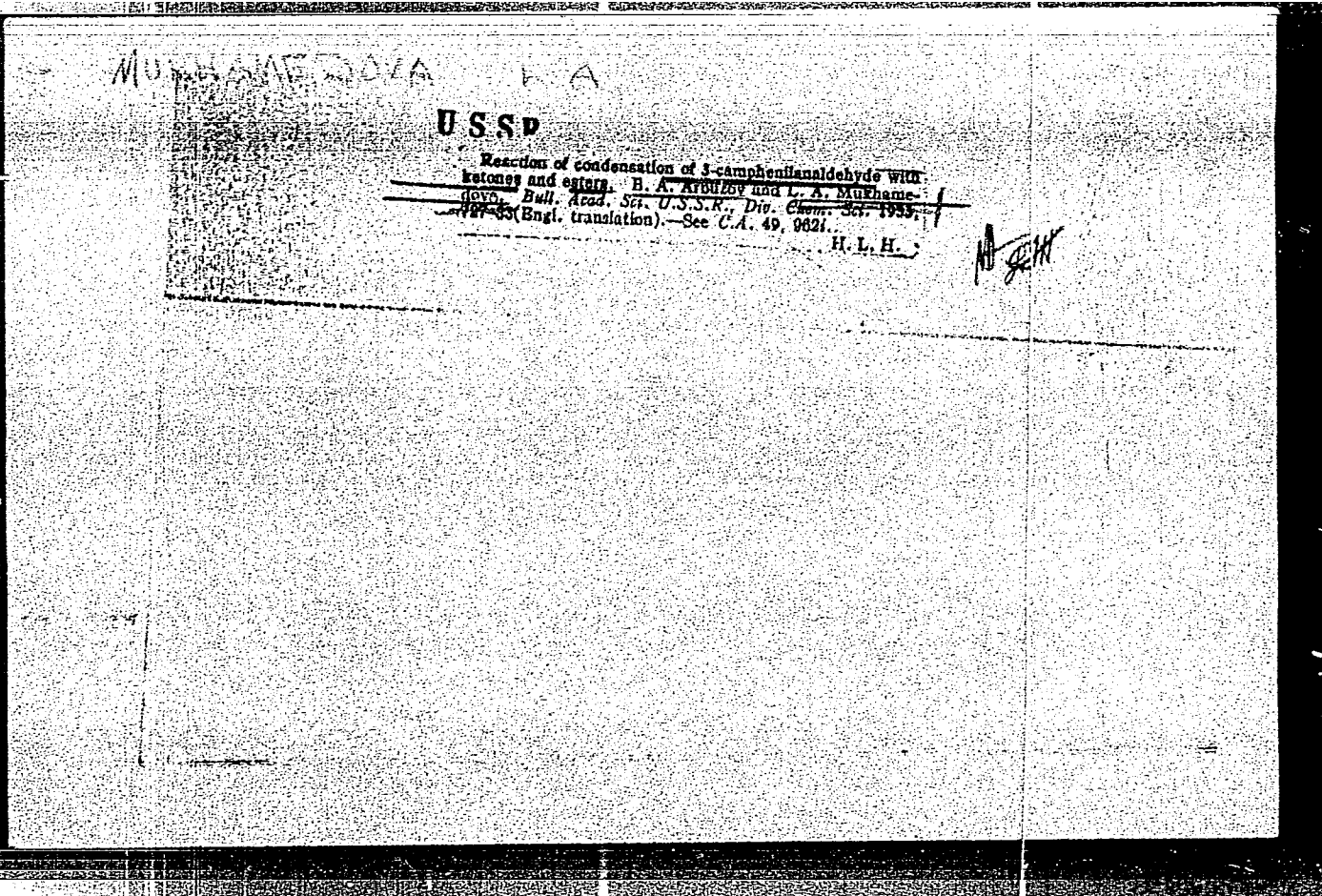
USSR/Chemistry - Acetylene Derivatives Aug 51

"Acetylene-Allene Rearrangements. III. Action of Organomagnesium Compounds on Dimethylvinylchloromethane," A. N. Pudovik, L. A. Mukhamedova, Lab of Org Chem, Kazan' State U

Zhur Obshch Khim" Vol XXI, No 8. pp 1472-1476

Examined reaction of dimethylvinylethynylchloromethane with $MgEtBr$ and $MgPhBr$. On basis of results of oxidation of reaction products, concluded that both reactions proceed with partial acetylene-allene rearrangement. Proposes explanation of rearrangement mechanism.

188T17



MUKHAMEDOVA, L. A.

USSR/ Chemistry - Synthesis

Card 1/1 : Pub. 40 - 8/22

Authors : Arbutov, B. A., and Mukhamedova, L. A.

Title : Condensation reaction of camphenilane aldehyde with ketones and esters

Periodical : Izv. AN SSSR. Otd. khim. nauk 5, 820-828, Sep-Oct 1953

Abstract : The condensation reaction of camphenilane aldehyde with acetone, methyl-ethylketone, acetophenone, mesityl oxide and methylheptenone, was investigated. The condensation products, their physico-chemical properties, are described. The characteristics of unsaturated esters, derived from condensation of camphenilane aldehydes with ethyl acetate and ethyl acetoacetate, are listed. Four references: 3-USSR and 1-German (1901-1940).

Institution : The V. I. Lenin State University, Kazan

Submitted : May 18, 1953

MUKHAMEDOVA, L. A.

USSR/ Chemistry

Card : 1/1

Authors : Arbuzov, B. A., and Mukhamedova, L. A.

Title : Effect of alcohols on oxides of bicyclic terpenes. Part 3.- Acetals of camphenilane aldehyde

Periodical : Izv. AN SSSR, Otd. Khim. Nauk., 3, 442 - 447, May - June 1954

Abstract : The reaction between camphene oxide with primary alcohols (ethyl, n-butyl, isobutyl, n-octyl) and secondary alcohol (isopropyl) was investigated in the presence of sulfuric acid. The derivation of acetals of camphenilane aldehyde obtained as result of reaction between camphene oxides and primary alcohols and consequent isomerization of the oxide, is described. Data are also given on the products derived from the reaction between camphene oxides and secondary alcohols. One USSR reference. Tables.

Institution : The V. I. Lenin State University, Kazan

Submitted : May 10, 1953

MUKHAMEDOVA, L. A.

USSR/ Chemistry

Card : 1/1

Authors : Arbutov, B. A., and Mukhamedova, L. A.

Title : Condensation of campholene aldehyde with ketones and esters

Periodical : Izv. AN SSSR, Otd. Khim. Nauk., 3, 448 - 455, May - June 1954

Abstract : The specific unsaturated ketones obtained from the condensation of campholene aldehyde with acetone, methylethyl ketone, acetophenone, mesityl oxide and methylheptene, are described. The chemical properties of campholene acetic ester and campholene acetoacetic ester derived from the condensation of campholene aldehyde with ethyl acetate and ethyl acetoacetate, are also described. Three references: 2 USSR, 1 German.

Institution : The V. I. Lenin State University, Kazan

Submitted : May 18, 1953

Mukhamedova, L. A.

USSR /Chemical Technology. Chemical Products
and Their Application

I-16

Treatment of natural gases and petroleum.
Motor fuels. Lubricants.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31899

Author : Mukhamedova L. A.

Title : Composition of Gases of Petroleum Deposits of
Tatar ASSR

Orig Pub: Khimiya i tekhnol. topliva, 1956, No 11, 10-15

Abstract: A report of the results of systematic investiga-
tions of composition of gases of Bavlinskoye,
Shugurovskoye and Romashkinskoye petroleum de-
posits of Tatar ASSR. Total analysis of the gas
was carried out by means of the VTI apparatus,
by the usual absorption method. The sum of

Card 1/5

USSR /Chemical Technology. Chemical Products
and Their Application

I-16

Treatment of natural gases and petroleum.
Motor fuels. Lubricants.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31899

hydrocarbons was determined by combustion over copper oxide or over a platinum spiral. If H_2S was present in the gas a separate determination of it was carried out by passing a separate sample of the gas through a titrated solution of iodine, with subsequent titration of the free iodine. For a detailed study of the hydrocarbon composition of the gases a fractionation of the gases was carried out at a low temperature in the semi-automatic TSIATIM-51 apparatus. As a result of the fractionation were isolated CH_4 , C_2H_4 , C_3H_8 , n- and iso-butane,

Card 2/5

USSR /Chemical Technology. Chemical Products
and Their Application

I-16

Treatment of natural gases and petroleum.
Motor fuels. Lubricants.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31899

total isomers of pentane, and higher hydrocarbons as a residue. Since methane was driven off together with the non-combustible gases (N_2 and other), and also in admixture with the air contained in the sample, the amount of methane was determined by combustion over a platinum spiral. In the butane fraction a determination was made of the content of n-butane and iso-butane, on the basis of the temperature of dissolution of this mixture in O-nitrotoluene. The investigations showed that regardless of the

Card 3/5

USSR /Chemical Technology. Chemical Products
and Their Application

I-16

Treatment of natural gases and petroleum.
Motor fuels. Lubricants.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31899

specific deposit, the gases consist essentially of hydrocarbons and in part of N_2 (5-12%), the content of CO_2 amounts to decimal fractions of one per cent. An exception is the gas from the Shugurovskoye deposit which contains about 1.5% CO_2 . In gases of the Bavlinskoye and Romashkinskoye deposits no H S was found, while the gas of Shugurovskoye deposit contains 4.7% H_2S . In their composition the gases of Tatar ASSR are similar to the "fat" gases of Grozny and

Card 4/5

USSR /Chemical Technology. Chemical Products
and Their Application

1-16

Treatment of natural gases and petroleum.
Motor fuels. Lubricants.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31899

Maykop, and can be extensively utilized as raw
material for chemical processing and as fuel
for industrial and household needs.

Card 5/5

ROBINZON, Ye. A.; GRISHINA, O. N.; ~~LUKHAMEDOVA~~, L. A.; URMANCHEYEV, F. A.;
IZMAYLOV, R. I.; BONCHER, L. Ye.; KASHAYEV, S. Kh. G.; AMIRKHANOVA,
N. G.; GONIK, V. K.; BAYBUROVA, M. Kh.; NECHAYEVA, M. A.

Petroleum of the Tatar A.S.S.R. Izv. Kazan. fil. AN SSSR. Ser. khim.
nauk no. 4: 93-113 '57. (MIRA 12:5)
(Tatar A.S.S.R.--Petroleum)

SOV/65-58-9-4/16

AUTHORS: Mukhamedova, L. A; Bayburova, M. Kh; Robinzon, Ye. A.

TITLE: Investigation of Hydrocarbons of Naphthalene Series in the Kerosene fraction of oil from the Romashkinskoye Oil Field in the Minnibayevskaya Area. (Issledovaniye uglevodorodov ryada naftalina v kerosinovoy fraktsii nefti Romashkinskogo mestorozhdeniya Minnibayevskoy ploshchadi)

PERIODICAL: Khimiya i Tekhnologiya Topliv i Masel, 1953, Nr 9, pp 18 - 24, (USSR)

ABSTRACT: The kerosene fractions of Devonian Tartar petrol contain considerable quantities of aromatic hydrocarbons. Investigations were carried out with the aid of the picrate method and ultra-violet spectra of condensed hydrocarbons of the kerosene fraction (200° - 320°C) of Romashkino petroleum. This fraction was separated by chromatography on silica gel ASM (50 - 100 mesh) into a naphthenic-paraffinic fraction and aromatic concentrate. The latter was divided into monocyclic and dicyclic compounds. The sulphur-containing compounds were separated by oxidising the aromatic concentrate with hydrogen peroxide in a medium of glacial acetic acid and the oxidised sulphur-containing compounds adsorbed on silica gel ASK. The desulphurised aromatic hydrocarbons were vacuum

Card 1/3

SOV/65-58-9-4/16

Investigation of Hydrocarbons of Naphthalene Series in the Kerosene
Fraction of oil from the Romashkinskoye Oil Field in the Minnibayevskaya Area

distilled into three - five-grade fractions in a 37-plate column. Each fraction was treated with picric acid and the naphthalene hydrocarbons were separated. The homologues of naphthalene were separated by rectification, and in some cases the isomers were also split off. The liquid isomers were separated by repeated recrystallization from ethyl or methyl alcohol and subjected to further decomposition. The crystalline hydrocarbons were purified by repeated recrystallization from methyl alcohol. The separated hydrocarbons were identified by elementary analysis and by comparing the physical constants and melting points of secondary picrates with literature data. The individual naphthalene hydrocarbons, as well as mixtures of isomers, were further subjected to spectral analysis of the near ultra-violet region (2,900 - 3,300 Å⁰). The absorption spectra were measured on the spectrophotometer SF-4 (in n-pentane solution) (Fig. on page 19). Constants of the separated hydrocarbons are given in a table (pages 20 and 21). The separated hydrocarbons consisted of naphthalene, β -methyl naphthalene,

Card 2/3

SOV/65-58-9-4/16

Investigation of Hydrocarbons of Naphthalene Series in the Kerosene Fraction of Oil from the Romashkinskoye Oil Field in the Minnibayevskaya Area

2,6- and 2,3-dimethylnaphthalenes, 1,3,7-, 1,2,6- and 2,3,6-trimethylnaphthalenes, 2,3,6,7- and 1,2,5,6-tetramethylnaphthalenes and tetramethylnaphthalene (boiling point 107.0 - 107.2°C) of undefined structure. 1,3,7-trimethylnaphthalene was separated from petroleum for the first time. With the aid of ultra-violet absorption spectra, it was possible to establish the presence of α -methylnaphthalene, 1,6-, 1,7-, 1,2- and 1,3-dimethylnaphthalenes and of 1,2,7-, 1,4,5-, 1,4,6-, 1,2,5- and 1,2,4-trimethylnaphthalenes. There is 1 Table, 1 Figure and 21 References: 9 English, 1 German, 1 Swiss and 11 Soviet.

ASSOCIATION: Kazanskiy filial AN SSSR (Kazan: Branch of the AN USSR)

1. Petroleum--Fractionation
2. Naphthalenes--Separation
3. Hydrocarbons--Chemical analysis
4. Ultra violet spectroscopy

Card 3/3

ROBINZON, Ye.A.; MUKHAMEDOVA, L.A.; GRISHINA, O.N.; BAYBUROVA, M.Kh.

Studying the aromatic hydrocarbons of kerosene fractions
obtained from the Romashkino petroleum (Minnibayev sector)
and Bavly field. *Izv.vys.ucheb.zav.*; *neft' i gaz* 2 no.11:
99-105 '59. (MIRA 13:4)

1. Kazanskiy khimiko-tekhnologicheskii institut im. S.M.Kirova
i Kazanskiy filial AN SSSR.
(Hydrocarbons) (Petroleum products)

15.4100

77929
SOV/65-60-3-2/19

AUTHORS: Mukhamedova, L. A., Bayburova, M. Kh.

TITLE: Tetralin Series Hydrocarbons in the Kerosene Fraction of Petroleum From Romashkinsk Deposit

PERIODICAL: Khimiya i tekhnologiya topliv i masel, 1960, Nr 3, pp 5-8 (USSR)

ABSTRACT: This work is devoted to the study of tetralin series hydrocarbons and is a continuation of the investigation of aromatic hydrocarbons of kerosene fraction obtained from petroleum of Romashkinsk deposit. Chromatography, rectification, catalytic dehydrogenation, picrate method, and spectral analysis were employed in the study. The results are shown in Table "A".

Card 1/5

Tetralin Series Hydrocarbons in the Kerosene
 Fraction of Petroleum From Romashkinsk Deposit

77929
 SOV/65-60-3-2/19

Table A. Characteristics of the naphthalenes separated
 in the course of dehydrogenation.

2		5	6						10	
3	4		7	n_D^{20}	d_4^{20}	8	9	C	H	
										75-80 85-98
96-102	224-233	12	13	1,6025	1,0036	—	122-123	92,85 92,90	7,27 7,26	
102-110	233-245	13	16	1,6080	1,0051	—	113,0-114,5	92,41 92,34	7,82 7,91	
131-135	273-278	14	17	1,6035	1,0000	—	104-106	91,66 91,54	8,18 8,06	
139-140	278-280	15	18	1,6008	—	—	112-114	91,23 91,20	8,58 8,67	

Card 2/5

Tetralin Series in distillate of ...
Fraction of Petroleum From ...

Key to Table: (1) bp, °C at; (2) 2 mm Hg; (3) 760 mm Hg; (4) Naphthalenes separated prior to dehydrogenation; (5) Naphthalenes separated after dehydrogenation; (6) Name; (7) mp, °C; (8) mp of secondary plates, °C; (9) elemental composition (%), found; (10) Naphthalene; (11) β -Methylnaphthalene; (12) α - and β -Methylnaphthalenes; (13) 1,3,7-Trimethylnaphthalene; (14) Trimethylnaphthalenes; (15) 1,6-, 1,7-, and 1,8-Dimethylnaphthalenes; (16) Methyleneethylnaphthalene; (17) Tetramethylnaphthalene.

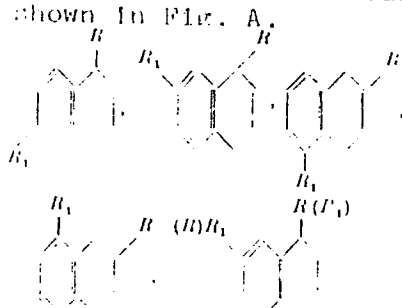
Card 3/5

Tetralin Series Hydrocarbons in the Kerosene
 Fraction of Petroleum From Romashkinsk Deposit

77929

SOV/65-09-3-2/19

The maxima of the ultraviolet absorption spectra (all in Angstroms) of β -methylnaphthalene (from fraction 96-102°) are 3,140 and 3,190; of hydrocarbon from fraction 102-110°, 3,070, 3,145 and 3,220; of hydrocarbon (corresponds to the empirical formula $C_{13}H_{14}$) from fraction 131-135°, 3,220; and that of hydrocarbon (corresponds to the empirical formula $C_{14}H_{16}$) from fraction 135-140°, 3,195, 3,210 and 3,250. The possible structure of substituted tetralins is shown in Fig. A.



Card 4/5

1. Fuelin Series. Hydrocarbons in the Kerosene
Fraction of Petroleum From Karamankask Deposit

7743
SCN/65-60-3-2/13

There is 1 table; 2 figures; and 9 references, 3 Soviet, 4 U.S., 1 U.K., 1 Swiss. The U.S. and U.K. references are: Mair, B. J., Streiff, A. J., J. Res. Nat. Bur. Stand., 27, 343 (1941); Miklewicz, M. I., J. Inst. Petr., 38, 425 (1952); Rossini, Fr. D., and co-workers, Selected Values of Physical and Thermodynamic Properties of Hydrocarbons and Related Compounds, Pittsburgh, Pennsylvania, 79 (1953); Balley, A. S., Bryant, K. C., Hancock, R. A., and others, J. Inst. Petr., 33, 503 (1947); Morton, R. A., de Gouveia, A. I. J. Chem. Soc., 916 (1934).

ASSOCIATION: Institute of Chemistry of Kazan' Branch of the Academy of Sciences of the USSR (Institut khimii Kazanskogo Filiala AN SSSR)

Card 5/5

MUKHAMEDOVA, L.A.; BAYBUROVA, M.Kh.; MALYSHKO, T.M.; KUDRYAVTSEVA, M.I.

Synthesis and properties of dialkylepoxyhexahydrophthalates.
Neftekhimiia 1 no.1:88-92 Ja-F '61. (MIRA 15:2)

1. Institut organicheskoy khimii AN SSSR, Kazan'.
(Esters) (Phthalic acid)

MJKHAMEDOVA, L.A.; BAYBUROVA, M.Kh.

Investigation of monocyclic aromatic kerosine hydrocarbons of
Minnibayevo curdes by their absorption spectra in the ultra-
violet. Izv.Kazan.fil. AN SSSR. Ser.khim.nauk no.6:87-92 '61.

(MIRA 16:5)

(Minnibayevo region--Petroleum) (Hydrocarbons--Absorption spectra)

MUKHAMEDOVA, L.A.; KUDRYAVTSEVA, M.I.; BAYBUROVA, M.Kh.; MALYSHKO, T.M.;
LEPLYANIN, G.V.

Some derivatives of 4,5-epoxyhexahydrophthalates. Neftekhimiia
2 no.3:372-377 My-Je '62. (MIRA 15:8)

1. Institut organicheskoy khimii AN SSSR, Kazan'.
(Epoxy compounds) (Phthalic acid)

MUKHAMEDOVA, L.A.; MALYSHKO, T.M.

Reaction of alcohols with α -oxide of methyl ester of
4-methyl- Δ_3 -cyclohexenecarboxylic acid. Izv. AN SSSR Ser.
khim. no.11:2042-2050 N '64 (MIRA 18:1)

1. Institut organicheskoy khimii AN SSSR, Kazan'.

MUKHAMEDOVA, L.A.; MALYSHKO, V.P.; SHARAFUTDIN, S.R.

Reaction of 1-vinyl-3-cyclohexene dioxide with water
AN SSSR 160 no.6:1323-1326 F 1964.

1. Institut organicheskoy khimii AN SSSR, Kazan'.
June 12, 1964.

MUKHAMEDOVA, L.A.; BAYBUROVA, M.Kh.; SHAGIDULLIN, R.R.

Reaction of bis- β -chloroethyl and bis- β - (β' -chloroethoxy)
ethyl esters of cis- Δ^4 -tetrahydrophthalic acid with sodium
alcoholates. Izv. AN SSSR. Ser. khim. no.11:2019-2024 '65.
(MIRA 18:11)

1. Institut organicheskoy khimii AN SSSR, Kazan'.

MUKHAMEDOVA, L.A.; LEPLYANIN, G.V.; KUDRYAVTSEVA, M.I.

Synthesis of certain derivatives of the ester oxides of
3- cyclohexene carboxylic acid. Neftekhimija 4 no.1:100-105
Ja-F*64 (MIRA 17:6)

1. Institut organicheskoy khimii AN SSSR, Kazan'.

PA 163740

USSR/Medicine - Syphilis
Liver

Jan/Feb 50

"Antitoxic Function of the Liver in Syphilis Cases and the Effect on It of Treatment by Novarsenol and Sovarsenol," L. D. Mukhamedova, Clinic of Skin Diseases, Stalinsk Med Inst

"Vest Venerol i Dermatol" No 1, pp 12-15

Tests and tabulates data on state of antitoxic function of the liver in 100 cases of various stages of syphilis, and effect on the function of normal novarsenol and sovarsenol. Finds: percent of normal antitoxic functioning of the liver is reduced with

163740

USSR/Medicine - Syphilis
(Contd)

Jan/Feb 50

each advance in the stage of syphilis; treatment with sovarsenol suppresses antitoxic function; treatment by novarsenol is accompanied by increase in the function.

MUKHAMEDOVA, L. D.

163740

MUKHAMEDOVA, L.D.

Occupational dermatoses and their prevention. Zdrav. Tadzh. 7 no.4:
49-50 J1-Ag '60. (MIRA 13:9)

(SKIN--DISEASES)

(STALINBAD--SILK INDUSTRY AND TRADE--HYGIENIC ASPECTS)

NIKUMEDOVA, N. Kh.

"The Effect of the Migration of Ascaridae Larva on the Animal Organism Under Conditions of Rich and Avitaminous Nourishment." Cand. Med. Sci., Jor'kiy State Medical Inst., Jor'kiy, 1954. (ZhBiol, No 3, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of ⁵scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

RAGOZINA, T.A.; GULYAMOV, M.G.; Primala uchastiye: MUKHAMEDOVA, U.

Hardening of alumina belite cements in corrosive solutions
and the effect of various hydrolytic additives on the
process. Kor.tsem.i mery bor'by s nei no.2:109-130
'62. (MIRA 15:11)

(Alumina cement)
(Corrosion and anticorrosives)

RAGOZINA, T.A.; GULYAMOV, M.G.; Prinimala uchastiey: MIKHAMEDOVA, U.

Penetrability of the structure of a cement brick and the
penetration of Mg²⁺ and SO₄²⁻ ions into it. Kor.tsem.i
mery bor'by s nei no.4:131:145 '62. (MIRA 15:11)
(Alumina cement)
(Salts)

ИМУННО-БИОФИЗИКА

ARKAD'YEVSKIY, A.A.; BRUZHS, A.P.; NUKHAMEDOVA, Ye.A.

Disorders in the coordination of movements under high-altitude mountain conditions [with summary in English]. *Biofizika* 2 no.2: 242-251 '57. (MIRA 10:6)

1. Institut biologicheskoy fiziki Akademii nauk SSSR, Moskva.
(ALPITUDE, INFLUENCE OF) (MOVEMENT DISORDERS)

MUKHAMMADOVA, Ye. A.

MUKHAMMADOVA, Ye. A.

Interaction of nerve centers of the motor analyzer [with summary in English]. *Biul. eksp. biol. i med.* 43 no.4:14-19 Ap '57. (MIRA 10:10)

1. Iz sektora fiziologii Tsentral'nogo nauchno-issledovatel'skogo instituta fizicheskoy kul'tury (dir. - dotsent N.G.Ozolin). Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR prof. V.N.Chernigovskia.

(MUSCLES, physiol.

interaction of nerve centers of motor analyzer)

(MOVEMENT,

same)

(CEREBRAL CORTEX, physiol.

same)

EXCERPTA MEDICA Sec 2 Vol 12/5 Physiology May 59

1907. CHANGES IN THE ELECTROENCEPHALOGRAM OF MAN IN THE PROCESS OF FORMING A MOTOR HABIT (Russian text) - Sakhiulina G. T and Mukhamedova E. A. Moscow - ZH. VYSSH. NERV. DEYAT. 1958, 8/4 (491-498) Graphs 5

EEGs of healthy adult subjects were recorded during muscular activity (pedalling on a bicycle ergometer). The initial phases of this kind of muscular work, new to the subject, are accompanied by the appearance in the EEG of high frequency oscillations recorded from wide regions of the cerebral cortex, but most distinctly from the sensomotor zone. As this kind of movements is being trained, high-frequency oscillations, localized in separate points of the sensomotor region, appear in volleys in the same rhythm as the movements, alternating with α -waves. Later, when the subject gets accustomed to the muscular work, α -waves are recorded in all the examined regions of the cortex (occipital, parietal, frontal). (II, 8*)

MUKHAMMADOVA, Ye.A. /

Changes of electrical activity of the brain in man during the initial stage of muscle activity [with summary in English]. *Biul. eksp. biol. i med.* 45 no. 6:7-10 Je '58 (MIRA 11:8)

1. Iz sektora fiziologii (sav. - dots. B.S. Gippenreyter) i Sentral'nogo nauchno-issledovatel'skogo instituta fizicheskoy kul'tury (dir. dots. N.G. Ozolin) Predstavlena deystvitel'nym chlenom ANU SSSR V.V. Perinyu.
(EXERCISE, effects,
on EEG, (Rus))
(ELECTROCARDIOGRAPHY,
eff. of exercise (Rus))

MUKHAMEDSHIN, K. D. Cand Agr Sci-- (diss) "Maple forests of southern Kirgiziya."
Alma-Ata, 1959. 16 pp (Min of Agr Kazakh SSR. Kazakh State Agr Inst).
(KL, 52-59, 123)

MUKHAMEDSHIN R.A. (Leningrad, M-6, Moskovskiy prospekt, 99 kvartira 1)

Leucosis in chickens reacting positively to tuberculin. Vop. onk. 9 no.8:80-83 '63 (MIRA 17:4)

1. Iz laboratorii patomorfologii (zav. - doktor veterinarnykh nauk prof. P.P. Pirog) Leningradskogo nauchno-issledovatel'skogo veterinarnogo instituta (dir. V.F. Gusev).

MUKHAMEDSHIN, R.A., mladshiy nauchnyy sotrudnik

Lymphoid leukosis in chicks. Veterinariia 42 no.8:44-46
Ag '65. (MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po
boleznyam ptits.

CHUMACHENKO, M.N.; MIKHAMEDSHINA, R.A.

Determination of nitrogen in the decomposition of organic compounds
by metallic potassium. Izv. AN SSSR. Ser. khim. no.7:1262-1264 '65.

(MIRA 18:7)

1. Institut khimii prirodnykh soyedineniy AN SSSR.

ACC NR: AP6032120

(A, N) SOURCE CODE: UR/0346/66/000/010/0030/0033

AUTHOR: Roslyakov, A. A.; Bisenov, K.; Popova, R. G.; Palichev, V. M.;
Mukhamed'yarov, F. Sh.; Sal'nikov, F. Ye.

ORG: Alma-Ata Zootechnical-Veterinary Institute (Alma-Atinskiy zootekhnicheskovo-
veterinarnyy institut)

TITLE: Problems in the epizootology and diagnosis of Rabies *l*

SOURCE: Veterinariya, no. 10, 1966, 30-33

TOPIC TAGS: animal disease, infective disease, rabies, precipitation reaction,
diagnostic medicine, veterinary medicine

ABSTRACT: Rabies may be diagnosed rapidly using the precipitation reaction,
and preventive measures may therefore be undertaken in minimal
time. As rabies antigen does not appear in equal quantities
in all parts of the brain, it is necessary to take samples from
all of them; study of the spinal cord is particularly necessary.
In the Gur'yev and some other oblasts of Kazakhstan, Babes-
Negri bodies are found infrequently. Study of histological
sections also increases diagnostic accuracy, though care must
be taken not to mistake other inclusions for Babes-Negri bodies.

Card 1/2

UDC: 619:616.988.21-036.2-07(574.12)

ACC NR: AP6032120

The seasonality of rabies (beginning in December, with highest incidence in January—April) in the Gur'yev oblast is of epizootological interest. It is suggested that prophylactic and preventive measures be undertaken in the fall. A table shows the results of the authors' investigation using a diagnostic complex including examination for Babes-Negri bodies, precipitation reaction, and bioassay. [WA-50; VCBE No. 12]

SUB CODE: 06/ SUBM DATE: none/ ORIG REF: 011/ OTH REF: 001/

Card 2/2

VYLEGZHANIN, N.I., dotsent; ZELENIKOVA, N.T.; BILLOVA, O.I.; BUCHA-EVA,
S.G.; KHAYKINSON, K.M.; KHARITONOV, A.K.; SIGAL, M.S., dotsent;
GOL'DSHEYN, D.Ye., prof.; LEUBINA, L.I., dotsent; BILLOVA, I.L.,
dotsent; RUTNER, Yu.A., prof.; DALILOV, L.V., prof.; "ELMED"-
YAROVA, A.K.;

Conference of physicians of the city of Kazan concerning the
results of the Eighth International Cancer Research Congress
Kaz. med. zhurn. no. 72-90 '62 (p. 17:5)

LEONT'YEV, V.B.; SADYKOV, A.S.; MUKHAMED'YAROVA, N.

Study of the complex formation of copper acetylacetonate with
dipyridyls. Nauch.trudy TashGU no.263.Khim.nauki no.13:53-57
'64. (MIRA 18:8)

L 29568-66 EWT(1) GW

SOURCE CODE: UR/0293/66/004/003/0408/0413

ACC NR: AP6019594

AUTHOR: Mukhamedzhanov, A. K.; Stanyukovich, K. P.

20
B

ORG: none

TITLE: Theory of lunar craters

SOURCE: Kosmicheskiye issledovaniya, v. 4, no. 3, 1966, 408-413

TOPIC TAGS: lunar crater, selenology, lunar landform, ring formation, moon surface, meteorite impact

ABSTRACT: Questions dealing with the expenditure of energy in the formation of craters as the result of meteorite impact are discussed. Specifically, the theory of "explosive diffusion" is advanced to account for the characteristic structure of lunar craters having concentrically enclosed walls (Vitello, Posidonius, Riccioli, Furnerius, Wargentia, Gassendi, Marth, etc.). According to this theory, secondary and even subsequent craters may be formed when the material ejected from the first impact itself strikes the ground. It is further established that each successive impact in the process of "explosive diffusion" is characterized by a lessening of intensity. Orig. art. has: 33 formulas. [DM]

SUB CODE: 03/ SUBM DATE: 10Aug65/ ORIG REF: 009/ OTH REF: 003/ ATD PRESS:

5014

Card 1/1 CC

UDC: 523.34