

Country	: Bulgaria	T
Category=	: Human and Animal Physiology, Circulation	
Abs. Jour.	: Ref Zhur Biol, No. 2, 1959, No. 8128	
Author	: Chilov, K.; Vladimirov, V.; Stanchev, L.	
Institut.	: The Medical Institute of the Bulgarian Academy of Science	
Title	: Changes in the Blood Pressure of Patients with Hypertension Associated with Varying the Position of the Body.	
Orig. Pub.	: Izv. Med. in-ti. Bolg. AN, 1957, kn. 14, 487--496	
Abstract	: no abstract	

Card: 1/1

VLADIMIROV, V.

Experiences with the so-called green wave in Moscow traffic. Tr. from the Russian. p.22.
(Silnice, Vol. 6, No. 3, Mar. 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

VLADIMIROV, V.

Kill two birds with one stone. IUn. nat. no.11:10-12 N '58.
(MIRA 11:12)

(Herbicides) (Fertilizers and manures)

VLADIMIROV, V.

Safety gauge of a mud circulation pump. Nov.neft.tekh.:Bur.
no.4:8.148. (MIRA 9:4)

(Oil well drilling--Equipment and supplies)

CHILOV, K.; STANCHEV, L.; NIKOLAYEV, I.; VLADIMIROV, V.

Considerations on occupational hypertension in Bulgaria. Izv. Med.
inst., Sofia 2 no.3:3-27 1951. (CML 22:1)

1. Prof. Doctor, Corresponding Member of the Bulgarian Academy of
Sciences for Chilov; Doctor, Junior Scientific Associate attached to
the Bulgarian Academy of Sciences for Nikolayev; Doctor, Senior
Assistants at the Internal Clinic for Stanchev and Vladimirov.

VIADIMIR, V.

On horses. Moskva, Gosizd, 1928. 10 p.

PU

1. Horses.

Vladimirov, V.

CHILOV, K.; VLADIMIROV, V.; STANCHEV, L.

~~CONFIDENTIAL~~
Hypertension in Bulgaria. Izv.Inst.sots.med., Sofia Vol.2:190-223
1950. (CJML 20:6)

1. Prof.K.Chilov, Corresponding Member of the Bulgarian Academy of Sciences and Director of the First Internal Clinic of the Medical Academy. 2. Dr.V.Vladimirov and Dr.L.Stanchev, Senior Assistants at the First Internal Clinic of the Medical Academy.

BULGARIA/Pharmacology and Toxicology - Cardiovascular Agents.

V-6

Abs Jour : Ref Zhur - Biol., No 21, 1958, 98542

Author : Chilov, K., Stanchev, L., Vladimirov, Vl.

Inst : Medical Institute, Bulgarian MS

Title : Treatment of Hypertensive Disease with Folalin.

Orig Pub : Izv. Med. in-ti. B"lg. AN, 1956, 13, 71-81.

Abstract : Folalin, according to a proposal of V. Petkova, is prepared by lengthy water extraction of the pulp of fresh leaves of garlic. The action of the preparation was tested on 26 patients in clinical conditions and on 20 ambulatory patients. Decrease of blood pressure and significant improvement of well-being were attained by patients who were in early stages of disease and who usually react positively also to other hypertensive actions. The preparation has no side effects. The authors recommend application of the

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BULGARIA/Pharmacology and Toxicology - Cardiovascular Agents.

V-6

Abs Jour : Ref Zhur - Biol., No 21, 1958, 98542

preparation particularly in early stages of hypertensive
disease in combination with other hypertensive remedies.
-- K.S. Stefanov

Card 2/2

VLADIMIROV, V.

Traffic lights with pointers (to be continued). Za bezop.dvizh.
3 no.7:5-6 J1 '60. (MIRA 13:8)

(Traffic signs and signals)

VLADIMIROV, V.

Traffic light with direction signals.(conclusion). Za bezop.
divizh. 3 no.9:6-9 S '60. (MIRA 13:9)
(Traffic signs and signals)

VLADIMIROV, V.

New traffic regulations. Za bezop. divizh. no.1:5-6 Je '58.
(MIRA 11:12)

(Traffic regulations)

VLADIMIROV, V. (Khakasskaya avtonomnaya oblast')

Far from Moscow, Grazhd.av. 15 no.12:4-5 D '58.

(MIRA 12:2)

(Khakass Autonomous Province--Aeronautics, Commercial)

RASHEV, M.; TOMOV, L.; VASILEV, M.; ZOGRAFSKI, B.; STANCHEV, L.; VLADIMIROV, V.;
KUNOV, A.; KAMBUROV, I.; ANGAROV, G.; STAIKOV, G.; ORBETSOV, M.

Comparative clinical considerations on influenza epidemics in 1952,
1957 and 1959 in our country according to data of the internal clinic
of the Sofia Higher Medical Institute. Nauch. tr. vissh. med. inst.
Sofia 40 no.2:1-27 '61.

1. Predstavena ot prof. M. Rashev, rukovoditel na Katedrata po vutreshni
bolesti.

(INFLUENZA epidemiol)

VLADIMIROV, V.

Turn indicator for the M-72 motorcycle. Za besop. dvish. 5
no.6:15 Ja '62. (MIRA 15:10)

(Motorcycles)

SERGEYEV, B., podpolkovnik; VLADIMIROV, V., podpolkovnik

The "Big Lift" operation. Av. i kosm. 46 no. 2:88-91 F '64.
(MIRA 17:3)

21(2) PEARL I BOOK INFORMATION 301/7708

Atomovye energiya i flot: sbornik statey (Atomic Energy and the Navy) Collection of Articles. Moscow, Voenizdat, 1959. 232 p. (Series: Nauchno-populyarnaya biblioteka) Number of copies printed not given.

Ed.: Yu. M. Meder. Trans. Ed.: A.M. Gavrilov; Ed. and Compiler: L. D. Chernous'ko, Engineer, Captain.

NOTE: This book is intended for the general reader.

CONTENTS: The papers in this collection discuss in popular style, and on the basis of data published in the Soviet and non-Soviet press, problems of the use of atomic and hydrogen weapons in combat operations, and on the latest findings reported in the scientific literature. A number of articles are devoted to the atomic energy of destruction. A number of articles are devoted to the atomic energy of ships and of shore objects, and to the introduction of nuclear power plants in naval vessels. Also included in the collection are papers dealing with the future prospects for naval use of nuclear energy, and with the construction of the world's first atomic icebreaker, the "Lia", which is expected to play an important part in the further conquest of the Arctic regions. The collection also contains papers published in the journal Sovetskii flot in 1955-1958, in revised and supplemented form.

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Mirskiy, O., Professor, Doctor of Technical Sciences, Engineer Captain. Defense of Ships Against Explosions	73
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Selez, A., Doctor, Candidate of Technical Sciences, Engineer Lieutenant Colonel. What is Dangerous in Testing of Nuclear Weapons	134
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Rumsh, A., Doctor, Candidate of Historical Sciences, Captain. Atomic Weapons and some Problems of Naval Tactics (According to Data from the Foreign Press)	156
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Rudnitskiy, M., Engineer Rear Admiral. Atomic Power Plants on Ships	197
Solov'yev, M., Doctor, Candidate of Technical Sciences, Engineer Captain. Use of Atomic Engines in Ships	203
Smirnov, Y., Corresponding Member of the Academy of Sciences of the USSR, Rear Admiral. The Field of Science and Technology of the USSR. Atom-powered Ships	211
Vernikov, M., Quaid Colonel. Atomic Seaplanes of the Future (According to Data from the Foreign Press)	217
Chernous'ko, L., Engineer Captain. The World's First Atomic Icebreaker, "Lia"	225

AVAILABLE: Library of Congress (DP767.C39)

VLADIMIROV, V. (Chelyabinsk)

What a load! Sov. profsoiuzy 19 no.11:16 Je '63. (MIRA 16:8)
(Chelyabinsk--Leather industry) (Trade industry--Officers)

TOMOV, L.; VLADIMIROV, V.; KUNOV, A.; KAMBUROV, I.

Clinical aspects of cardiac insufficiency in hypertension. Suvrem. med., Sofia 9 no.7:34-43 1958.

1. Iz Katedrata po Fakultetska teranija pri VMI - Sofia (Zav. katedrata: prof. M. Rashev).

(HYPERTENSION, compl.

congestive heart failure (Bul))

(CONGESTIVE HEART FAILURE, etiol. & pathogen.
hypertension (Bul))

VLADIMIROV, Vl.; DIMITROV, L.; TONCHEV, Khr.

Clinical picture, serum potassium and calcium changes and electrocardiographic changes in dogs exposed to various doses of roentgen rays. Suvrem. med., Sofia 10 no.1:41-51 1959.

1. Iz Katedrata po fakultetska terapiia pri VMI-Sofia (Zav. katedrata: prof. M. Rashev) i Katedrata po patofiziologija pri VMI-Sofia (zav. katedrata: prof. St. Pisarev)

(ROENTGEN RAYS, effects,

on blood calcium & potassium, ECG & other factors in dogs (Bul))

(CALCIUM, in blood,

eff. of x-rays in dogs (Bul))

(POTASSIUM, in blood

^{same}
(ELECTROCARDIOGRAPHY,

^{same})

VLADIMIROV, V.

"Labor law in the light of the decisions of the 21st Congress
of the CPSU." Reviewed by V. Vladimirov. Sots. trud 6 no.6:
149-154 Je '61. (MIRA 16:8)

VLADIMIROV, V.

This is of interest to everybody ("What is a semiconductor?" by
Gleb Anfilov. Reviewed by V. Vladimirov). Znan.sila 32 no.9:44
S '57. (MIRA 10:10)

(Semiconductors)
(Anfilov, Gleb)

VLADIMIROV, V.

VLADIMIROV, V. (Ufa)

Deputies' assistance. Pozh.delo 3 no.12:29 D '57. (MIRA 10:12)
(UFA--Fire prevention--Inspection)

VLADIMIROV, V.

Introduction of practical electrocardiography. Med. letopisi 42
no.5-6:604-613;contd. May-June 50. (CML 20:7)

1. Dr. Vl. Vladimirov, Chief Assistant at Clinic for Internal
Diseases, Sofia Medical Academy.

CHILOV, Konstantin, prof.; VLADIMIROV, Vlatsimir, d-r; TOMOV, Liubomir
d-r. kand. na med.nauki.

Electrocardiographic changes in hypertension. Izv.med.inst.Sofia
11-12:65-88 1955.

1. Chlen-korrespondent, prof. Konstantin Chilov, Klinika po
fakultetska terapija (zav.:prof. K. Chilov) pri Vishia meditsin
ski institut V. Chervenkov.

(HYPERTENSION, physiology,

ECG)

(ELECTROCARDIOGRAPHY, in various diseases,
hypertension)

VIADIMIROV, V.

Road intersections on different levels. Za bezop.dvizh. 3 no.12:3-4
D '60. (MIRA 14:1)

(Roads) (Traffic safety)

VLADIMIROV, V.

"De l'equilibre acido-basique dans la pneumonie lobaire chez les malades traites a la sulfidine." Vladimirov, V., et Kovbass, P. (p. 435)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1940, Volume 18, no. 5.

VLADIMIROV, Y.

Participant in 10 All-union radio exhibitions. Radio no.9:11-12
S '54. (MLRA 7:9)
(Bortnovskii, Genrikh Aleksandrovich)

VLADIMIROV, V.

Secret of the dirk. Znan. sila no.12:22-24 D '54. (MLRA 8:1)
(Motion-picture plays)

VLADIMIROV, V.

VLADIMIROV, V.

Posters on the practice of production innovators. Sov. profsoiuzy
2 no.6:94-95 Je '54. (MIRA 7:7)
(Posters)

VLADIMIROV, V.

"The green wave." Za bezop. dvizh. no.2:8-9 JI '58.

(MIRA 11:12)

(Moscow--Traffic signs and signals)

VLADIMIROV, V.

One hundred year of steel production in open-hearth furnaces.
Metallurg 9 no.4:26-27 Ap '64. (MIRA 17:9)

SOV/84-58-12-11/54

AUTHOR: Vladimirov, V., Khakasskaya avtonomnaya oblast' ([Krasnoyarskiy kray])

TITLE: Far From Moscow (Daleko ot Moskv)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 12, pp. 4-5 (USSR)

ABSTRACT: The author reports on the intensified air activities in Khakasiya in 1958 which showed increases in passenger and freight transportation, as well as aerial pest control and chemical fertilizing. Commander N. Adyshev's unit exceeded its income quota in passenger service, using An-2 and Yak-12 type planes. Helicopters transported the personnel of the Khakass Geological and Surveying Expedition and delivered its equipment, instruments, and supplies to almost inaccessible locations. In addition, the unit personnel and working force built concrete landing platforms for aircraft, installed electric cables for heating instruments at the base, improved the lighting system at the airport, repaired service quarters, and erected dwellings in Tashtyp and other settlements. Personalities mentioned include Pilots Neklyudov, Shushurin, Pun'ko, Pavlov, Bologov, Ivanov, and GSN technician Abramov.

Card 1/1

VLADIMIROV, V., inzh.

Reducing the output of breeze would save millions. Mast. ugl. 8
no. 1:6-8 Ja '59. (MIRA 12:3)
(Coal mines and mining--Equipment and supplies)

VLADIMIROV, V.; SHALIMOV, A.

We discover new potentialities. Stroi. mat. 2 no.11:8
N '56.

(MLRA 10:2)

1. Mashinist vrashchayushcheysya pechi tsementnogo zavoda
"Gigant." (for Vladimirov) 2. Brigadir kompleksnoy remontnoy
brigady (for Shalimov).
(Cement industries)

VLADIMIROV, V. (Novosibirsk)

Out of touch with primary organizations. IFTO 2 no.1:51-52

Ja '60. (MIRA 13:5)

(Novosibirsk--Instrument industry)

VLADIMIROV, V., polkovnik

Artillery operations. Voen.vest. 41 no.12:35-38 D '61.

(MIRA 15:2)

(Artillery, Field and mountain)

SUBJECT: USSR/Machine Construction Plant 4-5-14/17

AUTHOR: Vladimirov, V.

TITLE: "UZTM" - Ural Heavy Machine Building Plant (Ural'skiy zavod tyazhelogo mashinostroyeniya)

PERIODICAL: Znaniye - sila, May 1957, # 5, p 35 (USSR)

ABSTRACT: The article represents a review of the book by L. Davydov, named "Ural'skiy Velikan" - The Ural Giant, which deals with the history of the Ural Heavy Machine Building Plant.
The article contains one picture.

ASSOCIATION:

PRESENTED BY:

SUBMITTED:

AVAILABLE: At the Library of Congress

Card 1/1

VLADIMIROV, V.

VLADIMIROV, V.

Hard working scientist ("Journeys of Potanin." V.A.Obruchev. Reviewed
by V.Vladimirov). Vokrug sveta no.6:59-60 Je '54. (MLRA 7:6)
(Obruchev, Vladimir Afanas'evich, 1863-)
(Potanin, Grigoriĭ Nikolaevich, 1835-1920)

1. VLADIMIROV, V.
2. USSR (600)
4. Postal Libraries
7. Mail delivers the book. Mol. koikh. 19 no. 12, 1952.
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

VLADIMIROV, V.

Road Construction

Machines build the automobile highway. Zn_an.sila 22 no. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 195⁶₂. Unclassified.

VLADIMIROV, V.; SUDYK, S.

Railroads - Accounts, Bookkeeping, etc.

Streamlining and simplification of bookkeeping in railroad transport, Vest. stat., No. 2, 1952.

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

STREL'CHENKO, B., polkovnik; VLADIMIROV, V., polkovnik

Controlling fire weapons in a meeting engagement. Voen. vest.
41 no.4:74-78 Ap '62. (MIRA 15:4)
(Artillery--Problems, exercises, etc.)
(Attack and defense (Military Science))

VLADIMIROV, V.

Herds above the clouds. IUn. nat. no.12:16-18 D '61.

(MIRA 15:1)

(Stock and stockbreeding)

VLADIMIROV, V.

Automobiles and pedestrians. Za rul. 19 no.7:26-27 J1 '61.
(MIR 14:8)

(Traffic safety)

VLADIMIROV, V.

Crossings at the Moscow Ring Highway. Za bezop.dvizh. 5 no.11:4-5
N '62. (MIRA 15:12)

1. Starshiy inzhener Otdela regulirovaniya ulivhnogo
dvizheniya Gosudarstvennoy avtomobil'noy inspeksii.
(Moscow--Roads)

VLADIMIROV, V.

Automatic traffic control. Za bezop.dvizh. 5 no.2:9 P '63.
(MIRA 16:2)

(Traffic engineering)

BARYSHEVA, A.F.; VLADIMIROV, V.A.; ISYUMOVA, N.A.

Parasites of fishes in Gorkiy Reservoir during the second year
after its filling. Trudy Inst. biol. vnutr. vod no.6:171-177
'63. (MIRA 18:1)

VLADIMIROV, V.A.

SM 898A unit goes into operation. Stroi. mat. 10 no.1:20
Ja'64. (MIRA 17:5)

VLADIMIROV, V.A.; KRISHTAL', L.I., red.

[Original statistical accounting on railroads] Per-
vichnyi statisticheskii uchet na zheleznnykh dorogakh.
Moskva, Izd-vo "Transport," 1964. 57 p.
(MIRA 17:7)

VLADIMIROV, V.A.

Concerning the evaluation of the various means of transportation
in securing passenger and freight transport. Zhel.dor.transp. 47
no.10:74-76 0 '65. (MIRA 18:10)

1. Nachal'nik Upravleniya statisticheskogo ucheta i otchetnosti
Ministerstva putey soobshcheniya.

L 18441-66

ACC NR: AP6006386

SOURCE CODE: UR/0413/66/000/002/0118/0118

INVENTOR: Grachev, A. G.; Vladimirov, V. A.

ORG: none

24

B

TITLE: An output system. Class 42, No. 178177 [announced by the Joint Institute for Nuclear Research (Ob'yedinennyy institut yadernykh issledovaniy)]

SOURCE: Izobreteniya, promyshelnnyye obraztsy, tovarnyye znaki, no. 2, 1966, 118.

TOPIC TAGS: computer output unit, hodoscope, scintillation counter, coincidence circuit, shift register

ABSTRACT: This Author's Certificate introduces an output system for a scintillation hodoscope. The device contains shift registers and counters. The time for tape recording or punching the output information is reduced by using binary code for recording information on the number of the counter. The device contains a source of shift pulses and two coincidence circuits. The inputs of the first coincidence circuit are connected to the first digit in the shift register and to a source of coincidence pulses. The output from this circuit is connected through a blocking generator and a switch to the output system which records the state of the counter on

Card 1/2

UDC: 681.142.07

2

L 18441-66

ACC NR: AP6006386

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punched tape. The inputs to the second coincidence circuit are connected to a source of cadence pulses and to a phase inverter. The phase inverter is connected to the first digit of the shift register. The output from the second coincidence circuit is connected to an amplifier which is connected in turn to the inputs of the shift register and the counter.

SUB CODE: 09/ SUBM DATE: 21May63

Card 2/2 mo

ACC NR: AR7004323

SOURCE CODE: UR/0271/66/000/011/B034/B034

AUTHOR: Vladimirov, V. A.; Zamriy, V. N.

TITLE: Recording on punchtape and checking the experimental data

SOURCE: Ref. zh. Avtomat. telemekh. i vychisl. tekhn., Abs. 11B264

REF SOURCE: Tr. 6-y Nauchno-tekhn. konferentsii po yadern. radioelektron. T. 3. Ch. 2. Atomizdat, 1965, 29-35

TOPIC TAGS: ^{multichannel} ~~data~~ analyzer, ~~data processing~~ punched paper tape, computer out-put unit.

ABSTRACT: A method of checking the data recorded on punchtape is described which compares check totals. The check total is obtained from an adder to which data is fed from a recording system. In tape recording, the incoming-signal codes are converted into mechanical motions and perforation characters which also are counted. Tallying the total on the tape with the check total testifies to the correctness of data read-out and recording. The check system comprises a tape punching device, a readout device and a check adder. With a 6-track recording and a perforation rate of 20 lines per second, 200 16-digit numbers or 100 48-digit numbers can be processed in one minute. The adder is of the end-around-carry design. The adder input is connected to the multichannel-analyzer output. The interrogation time of 1000 channels is one second. The total readout time of 1000 channels is 6 minutes. The above efficient method was developed in the Laboratory of Neutron Physics, Joint Institute of Nuclear Studies. Two figures. Bibliography of 2 titles. V. L. [Translation of abstract].

SUB CODE: 09, 18

Card 1/1

UDC 681.149.69

L 9443-66 EWT(m)/EWP(k)/EWP(z)/EWA(c)/T/EWP(b)/EWA(d)/EWP(v)/EWP(t)
 ACC NR: AP5026290 MJW/JD/HM SOURCE CODE: UR/0125/65/000/010/0035/0037

AUTHOR: Shapiro, I. S. (Candidate of technical sciences); Beyder, B. D. (Engineer; Moscow); Vladimirov, V. B. (Engineer; Moscow); Mazo, D. M. (Engineer; Moscow); Samokhin, O. G. (Technician; Moscow)

ORG: VNII avtogenmash

TITLE: Effect of gas-shielded arc cutting on the properties of Kh18N10T steel

SOURCE: Avtomaticheskaya svarka, no. 10, 1965, 35-37

TOPIC TAGS: steel, stainless steel, austenitic steel, chromium containing steel, nickel containing steel, steel cutting, shielded arc cutting, plasma cutting/Kh18N10T steel

ABSTRACT: Hot-rolled Kh18N10T stainless steel plates [0.11% C, 17.6% Cr, 10.7% Ni, 0.75% Ti] were cut by a gas-shielded electric arc in order to investigate the effect of cutting conditions on the structure, corrosion, and weldability. The gas-electric cutting was done under mild conditions (current $I = 330-360$ amp, arc voltage $U_a = 44$ v, cutting speed $V_c = 270$ mm/min, nitrogen consumption $Q_{N_2} = 1600$ l/hr, cut width $d_c = 6$ mm) and under severe conditions ($I = 400$ amp, $U_a = 85$ v, $V_c = 1400$ mm/min, $Q_{N_2} = 5000$ l/hr, $Q_{H_2} = 1600$ l/hr, $d_c = 4$ mm). Regardless of the regime of cutting, the surface of the cut had a thin Fe_3O_4 film which, under optimum cutting conditions, was about $0.6 \mu m$ thick. Changes in the structure of the metal cut under mild and

Card 1/2

UDC: 621.791.947:669.140

L 9443-66

ACC NR: AP5026290

0

severe conditions extended to a depth of 1.5 and 0.2 mm, respectively. The conditions of cutting had little effect on the rate of general corrosion of the as-cut surface, which was only slightly higher than the rate of 1.5 g/m².hr for mechanically cut specimens. After a sensitizing heat treatment, the rate of general corrosion of mechanically cut specimens increased by 2—6 times, and that of the arc-cut specimens, by 8—10 times. The corrosion rate of the surface of the cut prior to sensitizing was 2—3 times higher, and after sensitizing, 10—13 times higher than that of the base metal. This increase, however, is not dangerous since it does not extend beyond a small fusion zone. Hence, gas-shielded arc cutting of Kh18N10T steel should be done preferably under severe conditions, which ensure a narrow fusion zone. No cut specimens, regardless of the method and conditions of cutting, exhibited intergranular corrosion. Sound welds were obtained by submerged-arc welding of cut specimens without additional preparation, and no difference was observed in the structure of the metal of the weld and heat-affected zone in specimens cut by different methods. Orig. art. has: 4 figures and 1 table.

[MS]

SUB CODE: 13/ SUBM DATE: 20Jul64/ ATD PRESS: 4155

jw
Card 2/2

TOMOV, L.; VLADIMIROV, Vl.; ZOGRAFSKI, V.; TODOROV, N.

Result of the study of the effect of total sun eclipse in 1961 on the human organism. Suvr. med. 13 no.5:38-44 '62.

1. Iz Katedrata po vutreshni bolesti pri VMI [Vissh meditsinski institut] - Sofia (Rukovod. na katedrata prof. M. Rashev).

(SUNLIGHT)

Vladimirov, Vl.

CHILOV, K.; prof.; TOMOV, L.; VLADIMIROV, Vl.; STANCHEV, L.; NIKOLANOV, I.,
ATANASOVA, M.

Considerations on hypertension. Suvrem. med., Sofia 6 no.3:
6-10 1955.

1. Iz Klinikata po fakultetska terapija pri Visshia meditsinski
institut V.Chervenkov - Sofia (direktor: prof. K.Chilov)
(HYPERTENSION)

KAMBUROV, I.; TOMOV, I., kmd.med. nauki ; VLADIMIROV, Vl.

Case of echinococcosis of the heart. Suvrem.med., Sofia 6 no.3:
91-96 1955.

1. Iz Klinikata po fakultetska terapija (savezhdashch: prof.
K.Chilov) pri Visshia meditsinski institut V.Chervenkov -
Sofia.

(HEART,
echinococcosis, case report)
(ECHINOCCOSIS,
heart, case report)

TOMOV, Liubomir, D-r.; kand. na medits. nauki, VIADIMIROV, Vladimir, D-r.

Myocardial infarct. Izv. Mikrob. inst., Sofia no.8:433-452 1957.

1. Institut po eksperimentalna meditsina (dir.: akad. prof. D. Orakhovats)
pri ban i katedra po fakultetska terapiia (zav.: ch. -kor. prof. K. Chilov
pri visshia meditsinski institut v Sofia.

(MYOCARDIAL INFARCT, manifest.

ECG (Bul))

(ELECTROCARDIOGRAPHY, in various dis.
myocardial infarct (Bul))

TOMOV, L., D-r., kand. na medits, nauki, VIADIMIROV, Vl., D-r.

Clinical importance of the electrocardiogram in relation to Botkin's disease. Izv. Mikrob. inst., Sofia no.8:453-463 1957.

1. Katedra po fakultetska terapija (zav.: prof. Kanst. Chilov pri visshia meditsinski institut v Sofia.

(HEPATITIS, INFECTIOUS, manifest.

ECG (Bul))

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SUVOROVSKIY, E.A., inzh.; VLADIMIROV, V.B., inzh.; AGAPOV, G.I., inzh.

Effect of displacement in bilateral, one-pass joints in
1Kh18N9T steel on the appearance of knife-line corrosion.
Svar. proizvod. no.6:29-30 Je '63. (MIRA 16:12)

SHAPIRO, I.S., kand.tekhn.nauk; BRYDER, B.D., inzh.; VLADIMIROV, V.B., inzh.;
RING, I.L., inzh.; SAMOKHIN, C.G., tekhn.

Preparation of edges on stainless steel for welding, by air-arc
cutting. Svar.priliv. no.5:22-24 My '65. (MIRA 18:6)

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33837

S/137/62/000/001/173/237
A006/A101

AUTHORS: Tomashov, N. D., Al'tovskiy, R. M., Vladimirov, V. B.

TITLE: Investigating corrosion of titanium and its alloys in solutions of bromine in methyl alcohol

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 1, 1962, 79, abstract 11559
(V sb. "Korroziya i zashchita konstrukts. metallich. materialov", Moscow, Mashgiz, 1961, 164-172)

TEXT: The authors studied corrosion behavior of Ti and its alloys in bromine solutions in methyl alcohol (I). Corrosion of all the alloys increased with a higher Br concentration in the solution. Alloys with an α -structure (VT1 and VT5) were less stable than alloys with an $\alpha + \beta$ structure (VT-3 and VT3-1). Ti iodide was more stable than technically pure Ti. Addition of water to I, containing bromine, caused a decrease of the Ti corrosion rate; this is explained by the direct interaction of water with the Ti surface and the formation of a protective oxide film. Besides general corrosion, Ti in Br solutions in (I) is affected by intercrystalline corrosion. Proneness of Ti to intercrystalline corrosion increases with a Br-concentration in I reduced from 5 to

Card 1/2

33837

Investigating corrosion of titanium ...

S/137/62/000/001/173/237
A006/A101

1%. When water (up to 5% concentration) was added into I containing 2% Br, the proneness of Ti to intercrystalline corrosion first increased sharply; a further increase of water concentration caused reduced proneness of Ti to intercrystalline corrosion. At 30% and more water content, intercrystalline and general corrosion of Ti are stopped. Ti corrosion in Br solutions in I is of an electrochemical nature. Br ionization is a cathode process, and Ti dissolving is an anode process. Contrary to acid aqueous media, where anode polarization is an effective means of Ti protection, Ti should be protected against corrosion in dehydrated solutions of Br in I with the aid of cathode polarization. In a 2% Br-solution, full Ti protection is assured by maintaining the potential near - 0.350 v. There are 10 references.

Author's summary

[Abstracter's note: Complete translation]

Card 2/2

S/081/61/000/023/028/061
B138/B101

AUTHORS: Tomashov, N. D., Al'tovskiy, R. M., Vladimirov, V. B.
TITLE: Investigation of the corrosion of titanium and its alloys
in solutions of bromine and methyl alcohol
PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1961, 288,
abstract 23I255 (Sb. "Korroziya i zashchita konstrukts.
metallich. materialov". M., Mashgiz, 1961, 164 - 172)

TEXT: An investigation of the corrosion resistance of Ti and Ti alloys in
solutions of Br in CH_3OH has shown that alloys with an α -structure, BT1
(VT1) and BT5 (VT5), are less resistant than those with an $\alpha + \beta$ structure,
BT3 (VT3) and BT3-1 (VT3-1). It is noted that in all the Ti alloys the
rate of corrosion increased with the Br_2 concentration of the solution,
and that Ti iodide is more stable than technically pure Ti. An addition
of water to the $\text{CH}_3\text{OH} + \text{Br}_2$ was found to reduce the rate of corrosion, due
to the formation of a protective oxide film. Ti is also subject to

Card 1/2

Investigation of the corrosion...

S/081/61/000/023/028/061
B138/B101

intercrystalline corrosion, which increases with a reduction of the Br_2 concentration in CH_3OH from 5 to 1 %. If the water content of the solution is more than 30 %, however, both intercrystalline and general surface corrosion cease. The corrosion of Ti in $\text{Br}_2 + \text{CH}_3\text{OH}$ solutions is found to be of an electrochemical nature. In anhydrous solutions Ti can be protected by cathode polarization. For total protection in a 2% solution of Br_2 the potential must be maintained at around -0.350 v. ✓

[Abstracter's note: Complete translation.]

Card 2/2

VLADIMIROV, V.B., inzh.; SUVOROVSKIY, E.A., inzh.; AGAPOV, G.I., inzh.

Corrosion testing of the internal cavity of welded stainless
steel pipes. Svar. proizvod. no.9:33-34 S '63. (MIRA 16:10)

AGAPOV, G.I., inzh.; VLADIMIROV, V.B., inzh.

Electrochemical properties of welded joints in 18-8 type steel
with titanium and niobium addition alloys. Svar.proizv.
no.7:11-12 J1 '62. (MIRA 15:12)

(Chromium-nickel steel--Welding)
(Electrochemistry)

VLADIMIROV, V.B.

Tomashov, N. D., Doctor of Chemical Sciences, Professor, et.

Korotkiy, I. I. (Candidate of Technical Sciences). Collection of articles on Corrosion and Protection of Constructional Metals. 10,000 copies printed.

Ed. of Publishing House: M.P. Yevstaf'yeva; Tech. Ed.: G.Y. Belonov; Managing Ed. for Literature on Chemical and Textile Machine Building: V.I. Rybakov, Engineer.

PERSON: This collection of articles is intended for scientific and technical personnel concerned with the corrosion and protection of metals.

CONTENTS: The collection deals with problems of the corrosion of constructional metals in various environments and conditions. Articles discuss new methods for the investigation and testing of corrosion and give results of recent research conducted on the corrosion and protection of metal constructions. The corrosion of some new alloys is also considered. The collection includes articles generalizing the results of research conducted during the last 2-3 years in the Department for Corrosion of Metals of the Moskovskiy Institut Stali (Moscow Steel Institute). Some of the articles were written in cooperation with the laboratory staffs of the "Serp i Molot" Plant and Khimicheskii zavod im. M.I. Kalinina (Chemical Plant named Kalinin) and are based on investigations conducted at these plants. No personalities are mentioned. There are 219 references, Soviet and non-Soviet. References accompany each article.

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(ETHYLAMINE) (NUCLEIC ACIDS) (LIVER)
(SPLEEN) (RADIATION SICKNESS)

VLADIMIROV, V.G.

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(FATS---METABOLISM) (LIVER)
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VLADIMIROV, V.G.

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(ETHYLAMINE) (SPLEEN) (PHOSPHORYLATION)
(RADIATION--PHYSIOLOGICAL EFFECT)