"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

BORSHCHEVSKIY, A.M.; SKORCHELLETTI, V.V.

Studying oxidized metal surfaces by recording cathodic charge curves. Part 1: Bismuth. Zashch.met. 1 no.6:624-629 N-D '65.

Studying oxidized metal surfaces by recording cathodic charge curves. Part 2: Antimony. Ibid.:630-635

(MIRA 18:11)

1. Leningradskiy politekhnicheskiy institut imeni M.I.Kalinina.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

L 63048-65 EWT(m)/EPF(c)/EWA(d)/EWP(t)/EWP(z)/EWP(b) Pad IJP(c) JD/HW/WB

ACCESSION NR: AP5017779 UR/0080/65/038/007/1556/1562

546.3-19'56'74+620.193

23
B

AUTHOR: Lepeshinskaya, V. N.; Skorchelletti, V. V.; Monastyrev, V. P.

27 21

TITLE: Study of the change in the surface composition of alloys of the Cu - Ni system under the influence of a corrosive medium by measuring the work function

SOURCE: Zhurnal prikladnoy khimii, v. 38, no. 7, 1965, 1556-1562

TOPIC TAGS: copper alloy, nickel alloy, work function, alloy corrosion, alloy surface, alloy passivation

ABSTRACT: Changes in the work function of Cu-Ni alloys in the homogenized state were determined from the shift of the volt-ampere characteristics (P. A. Anderson's method). The apparatus used is illustrated and described. It was found that the work function increases steadily from copper to nickel. After the alloys were etched in a 5% ammonia solution, the work function increased owing to the formation of a passivating layer of oxide or chemisorbed oxygen. The nature of the relationship between the work function and the alloy composition changes after the ammonia solution has been in contact with the alloys. At 50 at. % Ni, an abrupt rise in work function (to 0.27 eV/1% Ni) takes place as the

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L 63048-65

ACCESSION NR: AP5017779

alloy composition changes by 0.81 at. % Ni. The data obtained are a direct confirmation of the fact that the appearance of the Tammann limits of chemical stability of the solid solutions is associated with an enrichment of the surface with the component which is more stable in the given medium. The enrichment of the surface with nickel in alloys containing over 50 at. % Ni causes a pronounced passivity. At lower Ni contents, the alloys are not corrosion-resistant, and both components of the alloy pass uniformly into solution without changing the composition of the alloy surface. Orig. art. has: 8 figures and 1 table.

ASSOCIATION: None

SUBMITTED: 05May64 ENCL: 00 SUB CODE: MM

NO REF SOV: 005 OTHER: 005

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

BORSHCHEVSKIY, A.M.; SKORCHELLETTI, V.V.

Studying oxidized metal surfaces by recording cathodic charging curves. Part 3: Alloys in the system Bi - Sb. Zashch. met. 2 no.1:46-51 Ja-F '66. (MIRA 19:1)

1. Leningradskiy politekhnicheskiy institut imeni M.I. Kalinina. Submitted July 5, 1965.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORCHEV, U.

PA

The appearance of an intramolecular hydrogen bond in Raman spectra. P. D. Simova and B. Skorchev. *Izvest. Bulgar. Akad. Nauk., Otdel. Fiz.-Mat. i Tekh. Nauki Ser. Fiz.* 4, 47-68 (Russian and German summaries 69-72) (1954). —The Raman spectra of salicylaldehyde, Me salicylate, and solns. of these compds. in EtOH, MeOH, dioxane, fluorobenzene, and CCl_4 are given. For comparison, the Raman spectra of BzH and its solns. in MeOH and of solns. of *p*-hydroxybenzaldehyde in EtOH and MeOH were also studied. The frequency for the OH group which takes part in intramol H bonding was not observed in the spectra for the first 21 substances. Besides the intense line at 3070 A., which is due to the valence vibration of the C—H bond of the benzene nucleus, several weak lines and bands were observed in the region above 3000 A. in the spectra for salicylaldehyde and Me salicylate. These lines are related to the overtones and the combination frequencies of the basic vibrations of the mol. It was found that the only significant change due to the formation of intramol. H bonds was for the carbonyl frequencies. The behavior of the frequency for the C:O group in the spectrum of salicylaldehyde led to the conclusion that, besides the existence of the monomeric form in which C:O and the OH groups are assocd. in an intramol. H bond, there also exists a dimeric assocn. of its mols. Study of the carbonyl frequencies shows that the intramol. H bond has an energy which is close to the energy for the intermol. H bond in the dimers of formic and acetic acids. The interaction of the solvents on substances with a strong intramol. H bond is significantly weaker than for those substances with intermol. H bonds. The intramol. H bond significantly changes the frequency in the low-frequency region.

J. R. Leach

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORCHEV, B.

535.375.55

1997 ON THE EFFECT OF INTRAMOLECULAR HYDROGEN BONDS ON RAMAN SPECTRA. P.D Simova and B.Skorchev.

~~Izv. Bulg. Acad.~~ Nauk., Vol. 4, 47-12 (1954; publ. 1955).

In Bulgarian with summary (1 p.) in German.

Measurements have been carried out on the Raman spectra of salicylaldehyde and methyl salicylate in solution in ether, methyl alcohol, dioxan, fluorobenzol and carbon tetrachloride.

G.I.W.Llewelyn

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORCHEV, B.; SIMOVA, P.

Mercury electric lamps. p. 72

Bulgarska akademiia na naukite. Fizicheski institut. FIZIKO-MATEMATICHESKO SPISANIE. Sofia, Bulgaria. Vol. 2, no. 2, 1959 BULGARIA.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959
Uncl.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

BONCHEV, Ts.; MITRANI, L.; ORMANDZHIYEV, S. [Ormandzhiev, S.]; SKORCHEV, B.; UZUNOV, I.

The Moessbauer effect in W^{182} studied with the aid of the $\gamma - \gamma$ coincidence method. Doklady BAN 16 no.1:15-18 '63.

1. Predstavleno akad. Khr. Krhistovym.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

L 22120-66 EWT(1) IJP(c)

ACC NR: AP6004920 SOURCE CODE: UR/0056/66/050/001/0062/0068

AUTHOR: Bonchev, Ts.; Aydemirski, P.; Mandzhukov, I.; Nedyalkova, N.; Skorchev, B.; Strigachev, A.

ORG: Sofia University "Kliment Okhridski" (Sofiyskiy universitet)

TITLE: A study of Brownian motion by means of the Mossbauer effect

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 50, no. 1, 1966, 62-68

TOPIC TAGS: Mossbauer effect, tin, Brownian motion, resonance absorption, viscous fluid, silicone, glycerin, isotope, gamma quantum

ABSTRACT: The authors have investigated the resonance absorption of γ quanta in Sn^{119} in SnO_2 particles suspended in different liquids. The resonance absorption spectra were obtained with a Mossbauer spectrometer with a moving source having a velocity ranging from 0 to 30 mm/sec. The source was $Sn^{119m}O_2$ kept at room temperature. The absorber temperature ranged from -196 to +250 C. Variation of the viscosity of a glycerin suspension by diluting the latter with water, at constant temperature, increased the line width in accordance with the law formulated by Singwi and Sjolander (Phys. Rev. v. 120, 1093, 1960). The same takes place in a

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L 22120-66

ACC NR: AP6004920

suspension in a silicone oil whose viscosity is altered by changing the temperature. The results are analyzed from the point of view of the mechanism whereby the γ quantum is absorbed by the SnO_2. It is concluded that in suspensions, unlike ordinary liquids, the absorption does not occur spontaneously, nor does it occur within a certain time interval of the order of the half-life of the nuclear level, but it must be assumed that the suspension particles stay in equilibrium during some time. The absorption of the γ quantum then depends not only on the instantaneous particle velocity but also on the time interval between the jumplike changes of velocity which occur in suspension, which have a statistical nature similar to that of Brownian motion. This feature uncovers interesting possibilities for the investigation of the structure of liquids and of the γ quantum absorption mechanism. Orig. art. has: 8 figures and 10 formulas.

SUB CODE: 20/ SUBM DATE: 09Aug65/ ORIG REF: 008/ OTH REF: 003

Card 2/2 BK

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORCHEV, D., D-r Petur (gr Stalin)

Cholera in Varna during the Crimean War. Izv.mikrob.ist., Sofia 5: 439-446 1954.
(CHOLERA, epidemiology,
in Bulgaria, hist.)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

TANEV, I.; VESELINOV, V.; KUNEVA, Zh.; NEYCHEVA, Ye.; MANOLOV, K.; SKORCHEVA, S.; FEDOROV, V.

Salmonella gallinarum-pullorum as pathogens of food poisoning in man. Zhur. mikrobiol., epid. i immun. 41 no.12:118-119 D '64. (MIRA 18:3)

1. Sofiyskiy meditsinskiy institut, I Sofiyskaya infektsionnaya bol'nitsa i Veterinarnyy institut, Sofiya, Bolgariya.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORCHINSKIY, A.A., akademik; BARON, L.I., doktor tekhnicheskikh nauk.

Soviet science in the control of mine dust. Bezop. truda v prom. 1 no.1:7-11 Ja '57. (MLRA 10:4)

1. Institut gornogo dela Akademii nauk SSSR.
(Mine dusts) (Dust collectors)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

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2

[illegible]

[illegible]

[illegible]:

[illegible] Institute for Industrial Diseases of the [illegible] (Glinka Ahmanova Dolyanova) and Clinical Di[illegible] [illegible] of Industrial Medicine in the Ministry [illegible]

[illegible] Trudy [illegible] Gigiyeny Truda i Professional'nykh Zabolevaniy, No 4, [illegible] 1956, pp 1-[illegible]

[illegible] "[illegible] Fragility of Red Blood Cells and Reticulocytes in [illegible] Lead Poisoning."

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORCZYNSKI, JAN

SURNAME, Given Names

Country: Poland

Academic Degrees: [not given]

Affiliation: Second Clinic of Internal Diseases (II Klinika Chorob Wewnetrznych), Silesian School of Medicine (Slaska Akademia Medyczna, Zabrze; Director: Prof. W. ZAHORSKI, Dr.

Source: Warsaw, Postepy Higieny i Medycyny Doswiadczalnej, Vol XV, No 3, 1961, pp. 353-357.

Data: "Electrocardiogram Changes in Chronic Experimental Lead Poisoning in Rabbits."

Authors:

KOSMIDER, Stanislaw
SKORCZYNSKI, Jan

GPO 9816

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

KUCHARCZYK, W.; LIMANSKI, M.; SKORCZYNSKI, M.; SZAFLARSKI, J.

Free amino acids in blood serum in cases of trichinella spiralis. Wiadomosci parazyt. 6 no.4:329-330 '60.

1. The Labor. for Immunopathology of Pregnancy and Infant, Katowice, Poland.
(TRICHINOSIS blood)
(AMINO ACIDS blood)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

DZIEWIT, J.T.; KUCHARCZYK, W.; PRZESMYCKA, I.; SKORCZYNSKI, M.

The clinical course in 101 cases of trichinellosis in hospital of infectious diseases in Chorzow (1960). Wiadomosci parazyt. 6 no.4:335 '60.

1. The Hospital of Infectious Diseases and the Labor, for Immunopathology of Pregnancy and Infant, Katowice, Poland.
(TRICHINOSIS epidemiol)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

GLOWINSKI, Mieczyslaw; KUCHARCZYK, Wiktor; LIMANSKI, Marian; SKORCZYNSKI, Marian

Attempted characterization of gonorrheal diplococci (Neisseria gonorrhoeae) isolated from male urethras and vaginas. Polski tygod. lek. 15 no.18:672-675 2 My '60.

1. Z Wojewodzkiej Przuchodni Skorno-Wenerologicznej w Katowicach; kierownik: dr. med. Stanislaw Totusynski i z Wojewodzkiej Przychodni Immunopatologii Ciazy i Noworodka w Katowicach; kierownik: dr. med. Marian Skorczynski.

(NEISSERIA GONORRHOEAE)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

GLOWINSKI, Mieczyslaw; TALANOW, Wilhelm; SKORCZYNSKI, Marian

Significance of toxoplasmosis in the pathology of pregnancy. Gin. polska 31 no.1:45-56 Ja-F '60.

1. Z I Kliniki Poloznictwa i Chorob Kobiecych w Zabrzu. Kierownik: prof.dr W. Starzewski i z Wojewodzkiego Osrodka Immunopatologii Ciazy i Noworodka. Kierownik: dr M. Skorczynski.
(PREGNANCY compl.)
(TOXOPLASMOSIS in pregn.)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SZAFLARSKI, J.; SKORCZYNSKI, M.; KUCHARCZYK, W.; LIMANSKI, M.

Studies on the activity of transaminases (GOT and GPT) in experimental toxoplasmosis. Wiadomosci parazyt. 7 no.2:437-438 '61.

1. Wojewodzka Przychodnia Immunopatologii Ciazy i Noworodka, Zaklad Mikrobiologii Lekarskiej Slaskiej Akademii Medycznej.

(TOXOPLASMOSIS exper) (TRANSAMINASES chem)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORCZYNSKI, Marian; GLOWINSKI, Mieczyslaw; RYBCZYNSKI, Jerzy; LIMANSKI, Marian

Behavior of transaminases (SGOT and SGPT) in hemolytic disease of the new born. Pol tyg. lek. 18 no.46:1709-1713 11 N '63.

1. Z Wojewodzkiej Przychodni Immunologii Ciazy i Noworodka w Katowicach; (kierownik: dr. med. M.Skorczynski) i z Kliniki Poloznictwa i Chorob Kobiecych Sl. AM (kierownik: prof. dr. M. Glowinski).

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SZAFLARSKI, Jerzy; SKORCZYNSKI, Marian; KUCHARCZYK, Wiktor; LIMANSKI, Marian

Activity of transaminases (GOT and GPT) in experimental toxoplasmosis. Acta parasit Pol 11 no. 19: 371-374 '63.

1. Zaklad Mikrobiologii, Akademia Medyczna, Zabrze-Rokitnica (for Szaflarski).
2. Wojewodzka Przychodnia Immunopatologii Ciazy, Katowice (for Skorczynski, Kucharczyk, Limanski).

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORCZYNSKI, Marian; RYBCZYNSKI, Jerzy

Our method of exchange transfusion in hemolytic disease of the newborn. Ginek. pol. 34 no.4:481-485 '63.

1. Z Osrodka Immunopatologii ciazy i noworodka w Katowicach Kierownik: dr med. M. Skorczynski.
(ERYTHROBLASTOSIS, FETAL)
(EXCHANGE TRANSFUSION)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

GLOWINSKI, Mieczyslaw; SKORCZYNSKI, Marian; SZAFLARSKI, Jerzy; LIMANSKI, Marian

Activity of transaminases (SGOT and SGPT) in the blood serum of pregnant women suspected of toxoplasmosis. Pol. tyg. lek. 18 no.27:969-975 1 Jl '63.

1. Z I Kliniki Poloznictwa i Chorob Kobiecych Sl. AM w Zabrzu; kierownik: prof. dr Wojciech Starzewski[deceased] i z Woj. Przychodni Immunopatologii Ciazy i Noworodka w Katowicach; kierownik: dr Marian Skorczynski.

(PREGNANCY COMPL., INFECTIOUS)
(ALANINE AMINOTRANSFERASE)
(ASPARTATE AMINOTRANSFERASE)
(BLOOD CHEMICAL ANALYSIS)
(ENZYME TESTS) (TOXOPLASMOSIS)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

EAST GERMANY/POLAND UDC: 576.985.132.6 616.995.132.6

KUCHARCZYK, W., Dr., and SKORCZYNSKI, Marian, Docent, Dr., of the Immunopathological Institution for Pregnancies and Newborn in Katowice (Head: SKORCZINSKY, Marian, Docent, Dr.); and SZAFLARSKI, Jerzy, Professor, Dr., Head of the Chair for Microbiology at the Silesian Medical Academy in Zabrze-Rokitnica [original-language versions not given], both in Poland.

"On the Significance of Certain Biochemical Investigations in the Course of Trichinosis"

Jena, Angewandte Parasitologie, Vol 7, No 4, Nov 1966, pp 270-275.

Abstract: It was shown that a number of biochemical investigations can assist in studies and diagnosis of human trichinosis. These investigations include the behavior of the blood protein; the behavior of C-reactive protein in the acute stages of the disease; the behavior of free aminoacids in the blood serum; and the behavior of the glutamin-oxalacetic acid transaminase. The significance of each of these investigations was described. 9 references, including 7 Polish and 2 Western. (Manuscript received 20 Feb 1965).

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORDEV, Dimitur

Cones of linearity in some fixed linear spaces. Godishnik fiz mat 53 no.1:135-140 '58/'59 [publ. '59].

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORDEV, D.

Algorithmic insolvability of the problem of the existence of a solution of exponential Diophantine equations. Fiz mat spisanie BAN 5 no.4:302-304 '62.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

C-2

POLAND/Farm Animals. Horses

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49948

Author : Skordowski Edward
Inst
Title : Investigating Fossilized Skulls of Swedish Horses

Orig Pub : Zool. polon., 1956, (1957), 7, No 4, 465-470

Abstract : Among neolithic horses of South Scandinavia, Equus C. ewarti admixed with E.C. nordicus were predominant. During the Bronze age a certain number of E. c. muninensis also appeared. The author supposes that during periods of invasion (Neolith) and expansion (Iron), the hardy sub-species of E. c. Ewarti came to the foreground, while during the period of industrialization (Bronze), horses of E. c. cracoviensis and E. c. nordicus species became prominent.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORDEV, Dimitur G.

Enumerable and μ-recursive operators. Izv Mat inst BAN 7 5-43 '63.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORDULI, N.V.

AID Nr. 982-7 4 June

HIGH-PURITY CADMIUM (USSR)

Pliginskaya, L. V., and N. V. Skorduli. IN: Akademiya nauk SSSR. Institut metallurgii imeni A. A. Baykova. Trudy, no. 11, 1962, 65-70.
S/509/62/000/011/002/019

Extraction of high-purity cadmium and refining of cadmium metal by electrolysis have been studied in cooperation with the Institute of Semiconductors and the Institute of Physical Problems, Academy of Sciences USSR. Bright, fine-grained cadmium deposits were obtained on the titanium cathode (platinum anode) from an electrolyte initially containing 200 to 250 g/l cadmium and 20 g/l sulfuric acid with a cathode current density of 50 to 60 amp/m^2. Spectral analysis of the melted deposit showed minute residues of such impurities as Cu, Pb, Ag, Si, Mg, Ca, Al, Ni, and Fe. These impurities should be removed prior to electrolysis; the Pb, Ag, Al, Fe, and Ni by precipitation with 2 g/l $F_2(SO_4)$, and the Cu either by extraction with dithizone or precipitation on cadmium sponge. Stress-relieved cadmium wire made of metal deposited

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

AID Nr. 982-7 4 June

HIGH-PURITY CADMIUM [Cont'd] S/509/62/000/011/002/019

from a purified electrolyte had a residual resistivity $R_{4.2°K}:R_{273°K}$ of 0.00657 and $R_{1.6°K}:R_{273°K}$ of 0.000447. In refining the commercial-grade cadmium, the best results were obtained with double electrolysis: electrolysis with a soluble anode produced a Cd sponge which was dissolved in sulfuric acid; the solution was purified as above and used as the electrolyte. Spectral analysis of the refined cadmium showed that it does not contain any impurities except traces of Ca and Mg and 0.0002% Cu. The optimum electrolysis conditions are as follows: cathode current density, 50 to 60 amp/m^2; electrolyte temperature, 20 to 25°C; acidity, not less than 40 g/l; and cadmium concentration, not less than 50 g/l. In a hydrochloric acid solution the current density must be raised to 100-150 amp/m^2; cadmium refined in this manner has had approximately the same residual resistivity as above. [ND]

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

IVANOV, A.K.; SKORDUL, V.D.

Role of tectonic fractures in the formation of the gas and oil fields in the Outer zone in the Carpathian piedmont fault. Neft. i gaz. prom. no.4:1-7 O-D '63. (MIRA 17:12)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

IVANOV, A.K. [Ivanov, O.K.] ; SKORDULI, V.D.

Some characteristics of the convergence of the southwestern margin of the Russian Platform and the outer zone of the Carpathian piedmont fault. Geol. zhur. 24 no.2:32-41 '64 (MIRA 18:2)

1. Institut geologii goryuchikh iskopayemykh AN UkrSSR i L'vovskaya geologorazvedochnaya kontora.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORECKI, Tadeusz

In memoriam of Dr. Kazimierz Opacki. Chir. narz. ruchu 22 no.5:497-498 1957.

(OBITUARIES

Opacki, Kazimierz (Pol))

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORECKI, Tadeusz

Trochanteric fractures in older subjects. Chir.narz.ruchu ortop. polska 25 no.1:71-75 '60.

1. Z Oddzialu Ortopedyczno-Urazowego Szpitala Miejskiego Nr.8 w Warszawie. Ordynator: prof.dr. Z. Ambros.
(FEMUR NECK fract.& disloc.)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORKPA, J.

DOBERSKY, P.;HRABANE, J.;MASEK, J.;SKORKPA, J.

Changes of protein metabolism in peptic ulcer: electrophoretic study. Sborn. pathofysiol. trav. vyz. 6 no. 1-2:30-34 July 1952.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKOREPA, Jiri, Dr

Periarteritis nodosa in Soviet writings. Cas.lek.cesk. 91 no.11:335-336 14 Mar 52.

1. Ze IV. interni kliniky. Prednosta: Prof. dr. B. Prusik.
(PERIARTERITIS NODOSA,
Soviet writings)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

EISELT, E., Dr; SKOREPA, J., dr; JEDLICKA, V., prof. dr.

Bacterial endocarditis in congenital heart disease associated with situs viscerum inversus. Cas.lek.cesk. 91 no.45-46:1291-1297 14 Nov 52.

1. Ze IV. interni kliniky (prednosta prof. dr. B. Prusik) a II. pathol-anatom. ustavu (prednosta prof. dr. V.Jedlicka).

(SITUS INVERSUS,
visceral, with bact. endocarditis & congen. cardiovasc. defects)
(ENDOCARDITIS, BACTERIAL, complications,
situs inversus of viscera & congen. cardiovasc. defects)
(CARDIOVASCULAR DEFECTS, CONGENITAL, complications,
endocarditis, bact., & situs inversus of viscera)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKOP, V., MUDr; SKOREPA, J., MUDr

Disc-like supradiaphragmatic atelectases. Cesk.roentg. 9 no.2: 72-75 June 55.

1. Ze IV. interni kliniky KU. Prednosta prof. MUDr Boh. Prusik
(ATELECTASIS
basal, linear, x-ray diag.)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

FUCIK, M., Doc. Dr.; SKOREPA, J., As., Dr.

Difficulties in diagnosis of cancer of the pancreas. Cas. lek. cesk. 94 no.1-2:19-22 7 Jan 55.

1. Ze IV. interni kliniky prof. Dr. B.Prusika
(PANCREAS, neoplasms
diag. difficulties)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKOREPA, J.

8785. Electrophoretic mobility of plasma esterase after injection of heparin. J. Skorepa *Clin. chim. Acta*, 1958, 1, 499—500 (4th Med. Clin. Charles Univ., Prague, Czechoslovakia).—The effect of heparin on the electrophoretic migration of another component of plasma esterase was investigated. After heparin there is a shift of the esterase fraction in the albumin zone. V. M. Woorton

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

Skorepa, J.

2

Influence of heparin on the esterolytic activity of serum and plasma in vitro. J. Skořepa and Š. Novák (Charles Univ., Prague). *Vnitřní lékařství* 2, 388-93(1956).—Contrary to results obtained *in vivo*, addn. of 100-2500 γ heparin (I) to 1 ml. serum or plasma *in vitro* does not increase the esterase activity. Tissue homogenates of rat heart and lung enhance slightly esterolysis of Et butyrate in serum *in vitro* in the presence of I. Influence of autolytic processes during incubation manifested by considerable acidity is discussed. —L. J. Urbánek

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

Skorepa, Jiri

Properties of postheparin esterase in human serum. JIH Skořepa (Charles Univ., Prague). *Vnitřní lékařství* 2, 39-48 (1956). — Serum esterase in human blood taken 15 min. after intravenous application of heparin (I) causes hydrolysis of the following syntietic substrates (in the descending order of magnitude): Et butyrate, Et isobutyrate, Bu acetate, triacetin, and tributyrin. Isopropyl and Et acetate were not affected. Esterolysis is inhibited by Na taurocholate, cholesterol, and protamine (II). The inhibitory effect of II is abolished by the addn. *in vitro* of I. L. J. Urbánek

Chem

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

2

Heparin and blood-sugar level. J. Skořepa and S. Novák (Charles Univ., Prague). *Vnitřní lékařství* 2, 403-6(1956). —Heparin administered intravenously to man and intracardially to rabbits had no influence upon the blood-sugar level. L. J. Urbánek

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

Skořepa, J.

Post-heparin esterase in man. J. Skořepa and H. Todorovičová (Charles Univ., Prague). *Experientia* 12, 228 (1956) (in English).—With Et butyrate as substrate an increase in esterase was detectable after intravenous injection of 5000 units of heparin. Max. esterase activity occurred at 2 min. after injection. The esterase is not affected by NaF, physostigmine, or diethyl-*p*-nitrophenyl phosphate; it is active over the range of pH 7–11. D. S. Farner

2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKOREPA J.

Clearing reaction of lipemic plasma. J. Skořepa (IV. interní klin., Prague). *Časopis Lékařů Českých* 95, 287–9 (1956).—A review with 17 references. The role of esterolysis in the clearing reaction and the possible mechanism involved is discussed. I. M. Hais

(1)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKOREPA, J.

The influence of heparin on the level of human serum lipase and esterase. J. Skořepa and H. Todorovičová (IV. interní klin., Prague). *Časopis Lékařů Českých* 95, 289-93(1956).—The esterolytic activity of serum was estd. by the method proposed by Cherry and Crandall (*C.A.* 26, 4074) by use of 50% olive oil emulsion, amyl acetate, or ethyl butyrate (I) as substrate. Samples were drawn before and 15 min. after the intravenous injection of 5000 units of heparin (II). No change in the serum lipase and amyl acetate splitting allesterase activities after the administration of II were noticed. When I was used, a considerable enhancement of esterolysis (by 11-48%, av. 26%) appeared. II was without influence *in vitro*. A preincubation for 12 hrs. at 37° does not change the esterolytic activity of pre-II serum, but the rise of I splitting activity due to II *in vivo* is suppressed by preincubation. Heparin and inhibitors of esterolytic activity in human serum. *Ibid.* 293-6.—A remarkable difference in the I splitting activity between the pre-II and post-II serums remained even after 5 min. of heat inactivation (45-60°). With various concns. of NaF, I splitting activity of pre-II serum showed a striking inhibition, whereas the II-stimulated activity was much more resistant. The activity of pre-II serum was totally inhibited by $10^{-3}M$ physostigmine (III) whereas the activity of the post-II serum was only slightly depressed. Diethyl *p*-nitrophenyl phosphate causes nearly complete inhibition of I splitting activity of pre-II serum at a $10^{-5}M$

(2)

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concn., whereas post-II serum is completely suppressed by $10^{-4}M$ concn. The results of the III inhibition experiments are interpreted as evidence for the preponderance of the pseudocholinesterase component in the pre-II esterolytic activity and of aliesterase after II. Differences between the pre-II and post-II activity caused by the inhibitors can be accounted for by competition of aliesterase with pseudocholinesterase for the substrate and/or cofactor without recourse to a special "heparin enzyme" postulated by Levy and Swank (C.A. 49, 8439a). When the difference of post-II minus pre-II esterolytic activity is plotted against time after II injection, both uninhibited and III inhibited serums show a max. at the shortest interval tested (2 min.) and a gradual decline. The original level is not yet attained at 60 min.

I. M. Hais

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORKPA, J., Dr.; TODOROVICOVA, H., Dr.

Heparin and inhibitors of esterolytic activity in human serum.
Cas. lek. cesk. 95 no.11:293-296 1956

1. Ze Iv. Interni Kliniky Karlovy university v Praze. Prednosta: prof. MUDr B. Prusik-Pracovni skupina doc. MUDr M. Fucika.

(HEPARIN, eff.
esterolytic activity of blood, eff. of inhibitors)

(BLOOD
esterolytic activity of heparinized & non-heparinized blood, eff. of inhibitors)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

K[illegible], J

CZECHOSLOVAKIA/Human and Animal Physiology - Internal Secretion. V-7

Abs Jour : Ref Zhur - Biol., No 4, 1958, 18412

Author : Tvaroh, J. Trazak and J. Skorena
Inst : -
Title : Incomplete Thyrotoxicosis.

Orig Pub : Vnitrni lekarstvi, 1957, 3, No 7, 604-612

Abstract : No abstract.

Card 1/1

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKOREPA, J.; NOVAK, S.; TODOROVICOVA, H.

Effect of heparin on blood esterase in rabbits. Sborn. lek. 59 no.4: 99-101 Apr 58.

1. IV. interni klinika fakulty vseobecneho lekarstvi Karlovy university v Praze, prednosta prof. Dr. B. Prusik. J. S., Praha 1, Konviktska 5.

(HEPARIN, eff.
on blood esterase in rabbits, intracardial admin. (Cz))
(ESTERASES, in blood
eff. of heparin in rabbits, intracardial admin. (Cz))

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKOREPA, J.; NOVAK, S.; TODOROVICOVA, H.

Post-heparin esterase & arteriosclerosis. Sborn. lek. 59 no.4:108-111 Apr 58.

1. IV. interni klinika fakulty vseobecneho lekarstvi Karlovy university v Praze, prednosta prof. Dr. B. Prusik. Adres autora: J. S. Praha 1, Konviktska 5.)

(HEPARIN, eff.
on blood esterase in arteriosclerosis & normal subjects (Cz))
(ESTERASES, in blood
eff. of heparin in arteriosclerosis & normal subjects (Cz))
(ARTERIOSCLEROSIS, blood in
esterase, eff. of heparin, comparison with normal subjects (Cz))

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

EXCERPTA MEDICA Sec 2 Vol 12/2 Physiology Feb 59

546. EFFECT OF PROTAMINE ON POST-HEPARIN ESTERASE ACTIVITY - Účinek protaminu na postheparinovou esterasu - Skořepa J., Todorovičová H. and Novák S. IV.Int. Klin., Fak. Všeob. Lék., Karlovy Univ., Praha - SBORN.LÉK. 1958, 60/5 (141-145) Graphs 2 Tables 4

Injection of protamine does not influence the esterase activity existing before heparin administration, but inhibits that found after heparin. Small amounts of protamine in vitro do not influence either pre-heparin or post-heparin esterase activity. (II, 6*)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

EXCERPTA MEDICA Sec 2 Vol 12/7 Physiology July 59

2708. ESTEROLYTIC ACTIVITY IN HEALTHY INDIVIDUALS - Esterolytická aktivita séra u zdravych osob - Skořepa J., Novák Š. and Měštan J. IV. Int. Klin. Fak. Všeobecného Lék. Karlovy Univ., Praha Univ., Praha; Krajská Transf. Stanice, Praha - SBORN. LÉK. 1958, 60/10 (311-314) Graphs 1 Tables 3

Esterolytic activity of the serum in 138 blood donors (74 men and 64 women) was examined. The average value was 3.14 ml. 0.05 N NaOH with s.d. ± 0.38 using Cherry and Crandall's method. The substrate was ethyl butyrate. According to a statistical analysis of the results the extreme values are: 2.19 and 4.09 ml. 005 N NaOH. In men the esterolytic activity of serum is slightly higher than in women. There is no difference in the esterolytic activities of the ABO blood groups.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

2166. **Esterolytic activity of serum in carcinoma** Esterolytická aktivita séra u karcinomu. SKOŘEPA J., NOVÁK Š. and TONOROVIČOVÁ H. IV. Int. Klin. Fak. Všeobecného Lék. Karlovy Univ., Praha *Sborn. lék.* 1958, 60, 10 (315-320) Graphs 4 Tables 5

A probable association of low esterolytic activity of the serum with gastric and pulmonary cancer was found. Positive results were obtained in adenocarcinoma of the kidney and in carcinoma of the prostate, pancreas, etc. In some carcinomas negative results were obtained, particularly in gynaecological cancer, in localized cutaneous carcinoma and in cancer of the large intestine. It appears that the drop of esterolytic activity is not related to the extent and localization of metastases and the degree of cachexia.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKOREPA, Jiri; NOVAK, Simon; TODOROVICOVA, Hana

Esterolytic activity of blood in liver cirrhosis & diabetes. Sborn. lek. 60 no.11:321-326 Nov 58.

1. IV. interni klinika fakulty vseobecneho lekarstvi Karlovy university v Praze, prednosta prof. dr. B. Prusik. Dr. J. S., Konviktska 5, Praha 1.
(ESTERASES, in blood
in diabetes mellitus & liver cirrhosis (Cz))
(DIABETES MELLITUS, blood in
esterolytic activity (Cz))
(LIVER CIRRHOSIS, blood in
same)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

EXCERPTA MEDICA Sec 6 Vol 13/3 Internal Med. Mar 59

1266. EFFECT OF HEPARIN ON PATHOLOGICALLY DECREASED SERUM ESTERASE IN CARCINOMA - Skorepa J., Novák S. and Todorovicová H. Fourth Med. Clin., Charles Univ., Prague - NATURE (Lond.) 1958, 181/4613 (908-909) Tables 1

Serum esterolytic activity was measured using ethyl butyrate as the substrate. Esterase activity was determined by the titrimetric method. In patients with carcinoma who displayed low values of esterase activity i.v. administration of 100 U. heparin per kg. caused an increase of the activity within 5 min. This increase is substantially greater than in normal persons. Keller - Zurich (II, 5, 6, 16)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

EXCERPTA MEDICA Sec 2 Vol 12/9 Physiology Sept 59

4067. DIFFERENCE BETWEEN LIPOPROTEIN LIPASE AND POST-HEPARIN ESTERASE IN HUMAN SERUM - Skorepa J. and Novák S. Fourth Med. Clin., Charles Univ., Prague - NATURE (Lond.) 1958, 182/4628 (117-118) Tables 1

The acceleration of hydrolysis of ethyl butyrate is the result of the action of an enzyme which, unlike the lipase of the clearing factor, is not inhibited by protamine and heparin in vitro.

Bokman - Cairo

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKOREPA, Jiri; NOVAK, Simon; PSTRUZINOVA, Hana

Proteolytic and anti-proteolytic activity of the human serum following intravenous injection of heparin. Sborn. lek. 61 no.9: 264-266 Sept.59.

1. IV. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta doc. dr. Mojmir Fucik.
(HEPARIN, pharmacol.) (PROTEASES, blood)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKOREPA, J.; PROCHAZKA, B.; TODOROVICOVA, H.

Partial isolation of post-heparin esterase different from clearing factor. Sborn.lek. 62 no.2:33-37 F '60.

1. IV. interni klinika fakulty vseobecneho lekarstvi Karlovy university v Praze, prednosta prof. MUDr. M. Fucik. Ustredni zdravotnicky ustav ministerstva vnitra.
(ESTERASES blood)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

TODOROVICOVA, H.; SKOREPA, J.

Serum cholinesterase in liver cirrhosis and certain carcinomas. Sborn.lek. 62 no.2:38-42 F '60.

1. IV. interni klinika fakulty vseobecneho lekarstvi Karlovy university v Praze, prednosta prof.dr. M. Fucik.
(CHOLINESTERASE blood)
(LIVER CIRRHOSIS blood)
(NEOPLASMS blood)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

BOLKOVA, A.; NOVAK, S.; SKOREPA, J.

Differences between liver aliesterases and post-heparin serum enterases. Sborn.lek. 62 no.10:287-290 O '60.

1. IV. interni klinika fakuly vseobecneho lekarstvi Karlovy university v Praze, prednosta prof. dr. M. Fucik.
(ESTERASES metab)
(LIVER metab)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

TODOROVICOVA, H.; SKOREPA, J.

Esterolytic activity of the blood serum in bronchogenic carcinoma and in certain lung diseases. Sborn. lek. 63 no.4:104-107 Apr 61.

1. IV. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta prof. dr. M.Fucik.
(ESTERASES blood) (LUNG DISEASES blood)
(CARCINOMA BRONCHOGENIC blood)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

FUCIK, M.; BAZIKA, V.; NOVAK, S.; PRAZAK, J.; SKOREPA, J.

On the problem of bleeding from gastrointestinal diverticula. Cas. lek.cesk 100 no.22:692-695 2 Je '61.

1. IV. vnitrni klinika KU v Praze, prednosta prof. MUDr. Mojmir Fucik.

(HEMORRHAGE GASTROINTESTINAL etiol)
(DIVERTICULOSIS compl)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKOREPA, J.; NOVAK, S.; TODOROVICOVA, H.

Esterase activity of the human serum in carcinoma; its supplementary value in the diagnosis. Cas.lek.cesk 100 no.22:698-700 2 Je '61.

1. IV. interni klinika KU v Praze, prednosta prof. dr. M. Fucik.

(ESTERASES blood) (NEOPLASMS blood)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKOREPA, J.: SLABY, A.

Effect of inhibitors on the activity of partially isolated postheparin esterase. Sbor. lek. 66 no.11:328-331 N '64.

1. IV. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze, (prednosta prof. dr M. Fucik).

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKOREPA, J.; HRABAK, P.; NOVAK, S.; TODOROVICOVA, H.

Hydrolysis of various substrates of post-heparin estarase.
Sborn. lek. 67 no.11:341-345 N '65.

1. IV. interni klinika a I. vedecko-vyzkumne gastroenterologicke pracoviste fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta - prof. dr..M. Fucik).

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKOPEIA, M.

"The Prachov Rocks Prize; a Motorcycle and Automobile Race", P. 557, (SVET MOTORU, Vol. 8, No. 18, Aug. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKOPEIA, L.

"Friendship of Nations Race, Grand Pris of Czechoslovakia", P. 558, (SVET MOTORU, Vol. 8, No. 18, Aug. 1955, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

ZDENEK, Vladislav, inz.; SKOREPA, Vaclav

Determination of the free carbon dioxide in water in concentrations over 0,5 mg/I. Energetika Cz 12 no.8:415-416 Ag '62.

1. Ceskomoravska-Kolben-Danek Dukla, n.p., Praha.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

ZDENEK, Vladislav, inz.; SKOREPA, Vaclav

Photometric determination of ammonia in water. Energetica Cz 13 no.8:426-428 Ag '63.

1. Vyzkumne stredisko upravy prumyslovych vod, Ceskomoravska-Kolben-Danek Dukla, Praha.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORMPOVA, H.

"Vegetables in Dietetics." p. 184. (VYZIVA LIDU, Vol. 8, no. 12, Dec. 1953, Praha, Czechoslovakia)

So: Monthly List of East European Accessions, LC, Vol. 3, No. 5, May 1954/Unclassified

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

BOHDALOVA, V., Dr.; SKOREPOVA, H.

Therapy of hypertension with diet. Cesk. gastroenter. 9 no.2: 139- June 55.

1. Ustav pro vyzkum vyzivy lidu, red. doc. Dr. J. Masek.
(HYPERTENSION, therapy
diets)
(DIETS, ther. use
hypertension)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORETSKIY, Yu.A.

Purification of discharge gases in sulfuric-acid concentration plants. (In: Russia (1923- U.S.S.R.) Vsesoyuznaya gosudarstvennaya sanitarnaya inspektsiya. Ochistka promyshlennykh vybrosov v atmosferu. 1953. p.157-172) (MLRA 7:1)

1. Nauchno-issledovatel'skiy institut po promyshlennoy i sanitarnoy ochistke gasov Ministerstva khimicheskoy promyshlennosti.
(Air--Purification)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORETSKIY, YU.A.

3917. TESTS OF A COMBINED SCHEME OF ELECTROSTATIC PRECIPITATORS AND CYCLONES FOR COLLECTING FURNACE BLACK. Kol'tsov, V.V., Potukhov, N.I., Skoretskiy, Yu. A. and Tesner, P.A. (Trud. Vsesoyuz. Neftegaz. nauch.-issled. Inst. (Proc. All-Union Petrol. Gas Inst., U.S.S.R.), 1954, (5), 138-148; abstr. in Ref. Zh. Khim. (Ref. J. Chem., Moscow), 1955, (20), 48021). The Soviet SG-14 electrostatic precipitator has proved uneconomical and inefficient for the collection of furnace black. An improved arrangement has been tried in which an electrostatic precipitator forms the black into flocs which are then collected in a cyclone, or two cyclones in series. Gas speed in the active zone of the electrostatic precipitator can be increased from 0.4 to 0.5 m/sec to 2 m/sec with one cyclone and 5 m/sec with two. The arrangement will reduce capital cost, prevent black being carried into the atmosphere, and simplify the operation of electrostatic precipitators.

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SKORETSKIY, Yu A

6

Cleaning High-Pressure Blast-furnace Gas. E. N. Teverovskii, M. M. Zaitsev, Yu. P. Mineev, Yu. A. Skoretskii, G. I. Slastenkov, and P. S. Khomutinnikov. (*Stal*, 1955, (2), 172–179). [In Russian]. An experimental installation for cleaning gas from blast-furnaces on high top-pressure operation is described and test results are reported. The installation consisted of a cord-filled scrubber, an electrostatic precipitator, a turbulent gas washer (a pipe with a Venturi constrictor into which water is injected), and a cyclone for removing droplets. It reduced the dust-content of the gas to 10 mg/m³ with a water consumption of 1 l./m³ (both N.T.P.).

Magnitogorsk Metallurgical Combine,

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SKORIĆ, ARSO

5

A critical contribution to the problem of available phosphorus and potassium determination in the soil. Arso Skorić (Poljoprivredno-Šumarski Fak., Zagreb, Yugoslavia). Zemljište i Biljka 2, 107-10(1953)(English summary) --The analyses of the individual soil samples taken from single profiles for the detn. of available P and K by the Neubauer-Schneider method (C.A. 18, 877) is not always reliable. A large no. of soil samples, taken monthly from various plots of 3 test areas, were analysed for available P and K. The results showed that the P and K content of the soil varied from month to month and from plot to plot, particularly in cultivated soils. Hence, the data obtained from individual samples require cautious interpretation in detg. the fertilizer needs of the soil. Silvio Barabas

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

[illegible], A.

Clay minerals and clay properties of some soils of Yugoslavia.

[illegible] (ZBORNIK I [illegible]) (Novi Sad, Yugoslavia) Vol. 5, No. 1/3, Jan./Dec. 1956

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5. 1958

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

NEJGEBAUER, [illegible], M., FILIPOVSKI, G.; JKORIC, A., [illegible], M.

Classification of soils of Yugoslavia. Zemljiste biljka 12 no. 1/3,21-44 Ja-D '63.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

MIHALIC, V.; SKORIC, A.; RACZ, Z.

Investigations with a view of increasing the productive capacity of the parapodzols of northwestern Croatia. Zemljiste biljka 12 no.1/3:51-57 Ja-D '63.

1. Poljoprivredni faculty of the University of Zagreb, Zagreb-Maksimir.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORIC, A.; SERTIC, V.

Complexometric analyses in soil chemistry. Zemljiste biljka 12 no.1.175-181 Ja-D '63.

1. Agricultural Faculty of the University of Zagreb, Zagreb-Maksimir.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

HERENCIC, Inge, inz.; SKORIC, Ivan, inz.

Moplen, an isotactic polypropylene product. Kemija u industriji 11 no.9:533-536 S '62.

1."Merkantile", Zagreb.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORIK, A.D., inzh.-inspektor; KANDAKOV, V.; SLYUNCHENKO, M.D., inzh.; SEDNEV, A.I., inzh. po tekhnike bezopasnosti (Nebit-Dag, Turkmenskaya SSR); SHCHERBAKOV, S., inzh.; RUDAKOV, N.A.

Readers' letters. Bezop. truda v prom. 8 no.11:53-54 N '64. (MIRA 18:2)

1. Upravleniye Sredne-Volzhskogo okruga Gosudarstvennogo komiteta pri Sovete Ministrov RSFSR po nadzoru za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru (for Skorik). 2. Glavnyy mekhanik zavoda Yacheistykh betonov, Tatarskaya ASSR (for Kandakov). 3. Nachal'nik proyektno-konstruktorskogo byuro tresta Novovolynskugol' (for Slyunchenko). 4. Upravleniye l'vovskogo okruga Gosudarstvennogo komiteta pri Sovete Ministrov UkrSSR po nadzoru za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru (for Shcherbakov). 5. Amakinskaya ekspeditsiya Yakutskogo geologicheskogo upravleniya (for Rudakov).

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

ACCESSION NR: AT4016328 S/0000/62/000/000/0527/0532

AUTHOR: Boldy*rev, V. V.; Skorik, A. I.

TITLE: Effect of simultaneous x-irradiation on the rate of thermal decomposition of barium azide (preliminary report)

SOURCE: Vses. soveshch. po fiz. shchelochnogaloidn. kristallov. 2d, Riga, 1961. Trudy*. Fiz. shchelochnogaloidn. kristallov (Physics of alkali halide crystals). Riga, 1962, 527-532

TOPIC TAGS: barium azide, barium azide decomposition, reaction kinetics x-ray, electron mobility, ion defect, radiation induced defect

ABSTRACT: The kinetics of the thermal decomposition of barium azide were studied in a vertical electric oven equipped with a photocontact thermostat, a Z-BTN-200 X-ray tube, a RM-I-M dosimeter, and an evacuated capsule connected to a mercury manometer. Samples weighing 10 mg were subjected to a temperature of 125.5C for 25-75 minutes, in some cases with prior or simultaneous irradiation at 48 or 110 rads/min., the rate of decomposition being recorded continuously by an EPP-0.9-MI potentiometer on the basis of the changes in pressure. As shown in Fig. 1 of the Enclosure, thermal decomposition was markedly accelerated by simultaneous X-ray, but not by prior X-ray. After reviewing the pertinent literature, the authors

Card 1/3

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24658

S/076/61/035/006/011/013
B127/B203

5.4600
21.5210

AUTHORS: Skorik, A. I. and Boldyrev, V. V.

TITLE: Arrangement for investigating the kinetics of thermal decomposition of solids during irradiation

PERIODICAL: Zhurnal fizicheskoy khimii, v. 35, no. 6, 1961, 1370-1371

TEXT: The authors describe an apparatus for observing the kinetics of thermal decomposition of solids at 100-250°C during irradiation. The arrangement consisted mainly of an electric furnace kept at constant temperature by a thermocouple. An X-ray tube 3-БТН-200 (3-BTN-200) was used as radiation source. The pickup of the dosimeter was attached below the furnace (roentgenometer chamber РМ-1-М (RM-1-M) or a chemical dosimeter cell). The riser of the manometer was arranged in an inclined position for a more accurate reading of the pressure in the apparatus. A Wheatstone bridge circuit was used for automatic reading. A platinum wire was sealed in the inclined manometer tube (diameter 0.09 mm). The deviation from zero in the bridge circuit was measured with an electronic potentiometer ЭПП-0.9М1 (EPP-0.9M1). The sensitiveness of this equipment is controllable by a

Card 1/4

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24658

Arrangement for investigating the... S/076/61/035/006/011/013
B127/B203

ASSOCIATION: Tomskiy politekhnicheskiy institut (Tomsk Polytechnic Institute)

SUBMITTED: January 3, 1961

Legend to Fig. 1: (1) Vertically fixed electric furnace, (2) thermoregulator with photocontact, (3) radiation source, (4) dosimeter, (5) reaction vessel, (6) Hg manometer, (7) Wheatstone bridge, (8) electronic potentiometer, (9) potentiometer, (10) spoon for the weighed sample, (11) metal rod for holding the spoon, (12) solenoid, (13) solenoid switch, (14) rheostat, (15, 16) thermocouples, (17) ground-in stopper, (18) evacuation tube, (19) valve. (a) to galvanometer, (b) to pump.

Card 3/4

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Arrangement for investigating the...

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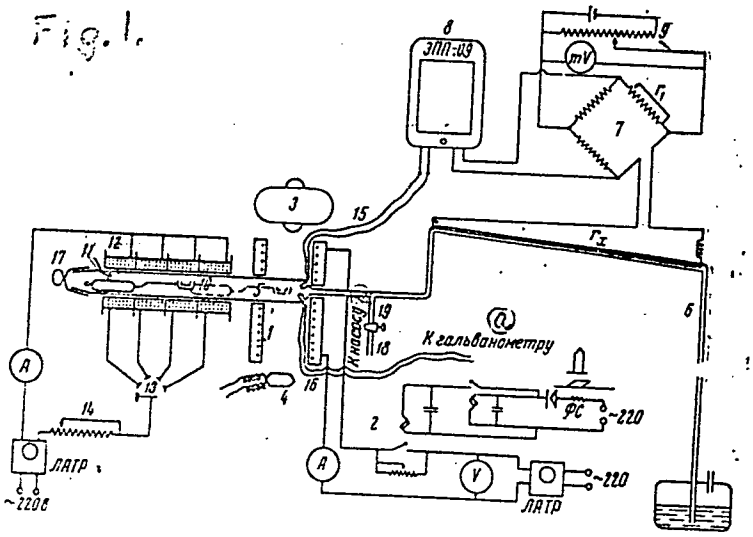
Fig. 1.



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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

ACCESSION NR: AP4040954 S/0020/64/156/005/1143/1146

AUTHOR: Boldy*rev, V.V.; Skorik, A. I.

TITLE: Thermal decomposition of silver and barium azides at instant of X-ray irradiation

SOURCE: AN SSSR. Doklady*, v. 156, no. 5, 1964, 1143-1146

TOPIC TAGS: silver azide, barium azide, silver azide thermal decomposition, barium azide thermal decomposition, ultraviolet irradiation, silver nitride

ABSTRACT: The authors studied the kinetics of thermal decomposition of silver and barium azides. Analysis was carried out with and without irradiation at the instant of decomposition. Many authors contend that the thermal decomposition rate is determined by the process of exciting electrons out of the valency zone into the conductivity zone. The authors believed that the best method for verifying this hypothesis is the course of decomposition at the instant of irradiation. The test specimens were analyzed by a technique and on an apparatus which was described by A. I. Skorik and V. V. Boldy*rev (Zh. F. Kh. 35, (1961), 6). The $Ag N_3$ was decomposed at 270°C. Fifteen milligram weighed portions were used. Irradiating the sample with X-rays or ultraviolet

Card 1/3

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ACCESSION NR: AP4040954

light at the instant of decomposition has no effect upon the rate of its thermal decomposition. A gamma current greater that 0.4×10^{-9} amps was not observed, the photocurrent is 0.3×10^{-8} amp at a background current of 1.7×10^{-8} amp. Barium azide was thermally decomposed at 125°C with a dosage rad min. Findings show that irradiation of the barium azide sample with X-rays at the instant of decomposition increases the maximum decomposition rate and reduces the induction period. The authors conclude that the hypothesis concerning the limiting role of electron transition from the valency zone into the conductivily band during the thermal decomposition of ion salts can be valid only with a specific ratio between the concencentiations of free electrons and effective electron traps. In particular, this hypothesis does not correspond to fact in the case of silver azide. Orig. art. has: 3 figures and 7 equations.

ASSOCIATION: Nauchno-issledovatel'skiy institut yadernov fiziki, elektroniki i avtomatiki pri Tomskom politekhnicheskom institute im. S. M. Kirova (Scientific-Research Institute for nuclear physics, electronics and automatic control of Tomsk Polytechnic Institute)

SUBMITTED: 30Nov63

ENCL: 00

Card 2/3

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ACCESSION NR: AP4040954

SUB CODE: IC, NP NO REF SOV: 006 OTHER: 011

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORIK, I., prokhodchik

In the lead. Mast.ugl. 9 no.3:16 Mr '60. (MIRA 13:6)

1. Rukovoditel' brigady kommunisticheskogo truda shakhty No.77 Luganskogo sovnarkhoza.
(Kuznetsk Basin--Coal mines and mining)

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

SKORIK, I.L.

Use of some substances for speeding up the melting of ice.
Trudy AANII 218:200-208 '60. (MIRA 15:2)
(Ladoga, Lake--Ice on rivers, lakes, etc.)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

ALEKSANDROV, L.Y.; [illegible], D.K.; DNDRIK, I.

Standardization of the pH scale. Trudy inst. Kom. stand., mer i izm. pr. t. no.68-34-41 '63. (MIRA 17:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii im. D.I. Mendeleyeva i Khar'kovskiy gosudarstvennyy universitet.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

[illegible] V. [illegible], [illegible], N. [illegible], [illegible]

Silver chloride half-cell and the method for determining its standard potential in the circuits without transfer. Trudy inst. Kom. stand., mer i izm. prib. no.68(42-58) '63. (MIRA 17:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii im. D.I. Mendeleyeva.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

ALEKSANDROV, V.V.; VRUBLEVSKAYA, L.V.; KOLLEROV, D.K.; KUZNETSOVA, N.V.; SKORIK, I.L.

Standard buffer solutions and the determination of their pH in the temperature range of 0 to 95°C. Trudy inst. Kom. stand., mer i izm. prib. no.68:59-79 '63. (MIRA 17:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii im. D.I. Mendeleyeva i Khar'kovskiy gosudarstvennyy universitet.

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L 57469-65 EWT(1)/EWA(h) Peb GW

ACCESSION NR: AR5013960 UR/0169/65/000/004/G023/G023
624.131.551.1

AUTHOR: Skorik, K.A.; Os'makova, Z.A.

TITLE: Comparison of the spectra of tremors in varied soils, based on the recordings of weak earthquakes

SOURCE: Ref. zh. Geofizika, Abs. 4G128

CITED SOURCE: Sb. Inzh. seysmologiya. No. 1-2. Dushanbe-Leninakan, 1964, 57-62

TOPIC TAGS: earth tremor, surface earth tremor, earthquake, tremor frequency spectrum, seismic tremor, weak earthquake

ABSTRACT: A study was made of N = f(T) frequency spectra (where N is the frequency of recurrence recorded during period T) of soil surface tremors during weak earthquakes as dependent on soil conditions, and for specific soils, as dependent

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stone, 0.4 - 0.8 sec. The relative position of the spectrum, dependent on dif-

Card 1/2

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ACCESSION NR: AR5013960

ferences in the geological structure, remains unchanged with transition from light to heavy tremors. Also observed was a deviation in the low-frequency part of the frequency-spectrum maxima by 0.1 - 0.3 sec, when the energy in the focus was increased by an average of 4 orders of magnitude. There was no indication that the epicentral distance and the depth of the focus, in the observed range of values, affected the spectra of the tremors. G. Lyamzina

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: ES

NO REF SOV: 000 OTHER: 000

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001651110007-9

31836
S/194/61/000/010/056/082
D239/D301

9.4310 (1139,1143,1159,1150)

AUTHORS: Anokhin, B.G., Glebov, G.Ts., Korotkov, A.S. and Skorik, K.I.

TITLE: Technology for preparing p-n alloy junctions and a study of their properties

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 10, 1961, 14, abstract 10 D87 (V sb. Poluprovodnik pribory i ikh primeneniye, no. 6, M., Sov. radio, 1960, 143-153)

TEXT: The technology of making n-p-n structures by the alloy method is described, by virtue of which exact specific resistivities can be obtained for the emitter, collector and base-regions and simplified control of the thickness of the base layer. Transistors prepared in this way exhibit good reproducibility of electrical characteristics and work in a frequency range of several mc/s. The use of alloying in conjunction with melt-back enables one to make

Card 1/2

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D239/D301

Technology for preparing p-n alloy...

p^+-n-n^+ and n^+-p-p^+ structures. An arrangement is described for pulling germanium monocrystal in the specified way, with p-n junctions the methods reduce to the grown-junction method. A study is made of the electrical parameters of structures of p^+-n-n^+ and n^+-p-p^+ which are indispensable for preparing high sensitivity devices with carrier-injection in the space-charge region. The distribution of impurities in the intermediate layer is evaluated by curves of junction-capacity against potential. Evaluation of the width of the intermediate layer and the distribution of electric field in the neighborhood of the locking layer of a p-n junction is made by potential distribution curves. The specific resistivity of the germanium in this layer lies in the range 5 to 20-30 ohm.cm. The width of this layer is about 20-40 microns. [Abstracter's note: Complete translation]

Card 2/2

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