HEDOMA, K.

Sexual deviation according to new legislations. Prakt. lek., Praha 33 no.14:316-318 20 July 1953. (CBML 25:1)

1. Of the Institute of Sexology (Head—Prof. J. Hynie, M.D.) of Charles University.

NEDOMA, K.

Adaptation therapy of sexual deviation in men. Cesk. psychiat. 60 no.4:234-239 Ag '64.

1. Sexuologicky ustav fakulty vseobecneho lekarstvi Karlovy University v Praze.

NEDOMA, K.; BARTAK, V.; RABOCH, J.; DANA, R.

Sexual life of sterile couples. Cas lek cs 93 no.15:390-394 Ap '54. (MEAL 3:7)

1. Ze Sexuologickeho ustavu lekar. fakulty K.U. v Praze, predn. prof. MUDr J.Hynie a z Lasenskych ustavu ROH ve Frant. Lasnich, prim. MUDr R.Dana.

(SEXUAL BEHAVIOR, *of sterile couples) (STERILITY, *sexual behavior of sterile couples)

NEDOMA, Karel; BARTAK, Vladimir; DANA, Roman.

Disorders of the higher nervous function in female sterility. Cas lek ces 93 no.15:395-400 Ap '54. (MEAL 3:7)

1. Ze Sexuologickeho ustavu lekar. fakulty K.U. v Praze, predn. prof. MUDr Jos. Hynie, a z Lazenskych ustavu ROH ve Frantiskovych Laznich, prim. MUDr R. Dana.

(STERILITY, FEMALE, psychology,
*neurosis, sexual)
(NEUROSES,
*sexual, in female sterility)

NEDOMA, KAREL

MIROVSKY, Jiri; BARTAK, Vladimir; NEDOMA, Karel.

Orchitis parotidea, its prevention and therapy; results on male fertility. Cas lek ce 93 no.15:400-406 Ap '54. (EEAL 3:7)

1. Z infeconiho oddeleni SON Bulovka, predn.: prof. MUDr Jaroslav Prochaska. 2. Ze Sexuologickeho ustavu Karlovu university, pred.: prof. MUDr Josef Hynie.

(STERILITY, MALE, etiology and pathogenesis,
*orchitis in mumps)
(MUMPS, complications,
*orchitis, causing sterility)
(ORCHITIS, etiology and pathogenesis,
*mumps, causing sterility)

HEDONA, K., MUDr; BARTAK, Vl., MUDr

Changes in 17-ketosteroid excretion in male sexual neurosis. Cas. lek. cesk. 93 no.49:1343-1347 3 Dec 54.

1. Ze Sexuologickeho ustavu lek. fakulty KU v Praze. Prodn. Prof. Dr. J.Hynie

(URINE
17-ketosteroids in male sexual neurosis, physiol. aspects)
(NEUROSES
sexual in male, ketosteroid excretion changes, physiol. aspects)
(STEROIDS, in urine
17-ketosteroids in male sexual neurosis, physiol. aspects)
(SEXUAL BEHAVIOR
sexual neurosis in male, physiol. aspect, 17-ketosteroid changes)

4888. NEDOMA K. Sexuol. Ust., Lék. Fak. KU, Praha. Prispevek k problematice utvareni lidského chovani. Případ transvestitismu. A contribution to the problem of the formation of human behaviour. A case of transvestitism ČSL. PSYCHIAT. 1956, 52/1 (20-24)

The significance is considered of social factors in the development of virile and feminine behaviour in man. A case of transvestitism and deviate feminine behaviour in a 57-year-old man is used to illustrate the outstanding action of social factors in the formation of human sexual behaviour.

RABOCH, Jan; MEDOMA, Karel

Sex chromatin & sexual behavior. Cesk. psychiat. 53 no.6:372-376 Dec 57.

1. Sexuologicky ustav KU v Praze. J. R., Praha 2, Karlove nam. 32.
(SEXUAL CHARACTERISTICS,
sex chromatin, eff. on sexual behavior (Cs))
(CHROMOSOMES
same)
(SEXUAL BEHAVIOR
eff. of sex chromatin (Cs))

2039. SEX CHROMATIN AND SEXUAL BEHAVIOR. A STUDY OF 36 MEN WITH FEMALE NUCLEAR PATTERN AND OF 194 HOMOSEXUALS - Raboch J. and Nedoma K. Sexol. Inst., Charles Univ., Prague - PSYCHOSOM. MED. 1958, 20/1 (53-59) Tables 3

A report on the sex life of 36 men with female nuclear patterns. Two main upset periods in the somatosexual development are distinguished. The first period takes place in all probability at the early age of embryonal development and results in the nuclear pattern of the female type. But the sexual tendencies of these individuals do not seem to be influenced thereby, because they were clearly heterosexual in 32 of the 36 cases under review; the remaining 4 patients were classified as 'infantile'. During the second upset period, in adolescence, degenerative processes in the testicles often cause a disturbance of the hormonal activity of the Leydig cells. All men with female sex chromatin measurings revealed an obvious hypoplasia of sexual glands. On the other hand, in the adult group of exclusive or almost exclusive homosexuals, testes of a subnormal size were found only in 9 of the total 194 cases. In 6 of these 9 patients sex chromatin was examined and always found to be masculine. The authors do not exclude the possibility of finding female sex chromatin in homosexual men, but believe that that would be a pure coincidence and not a causal interrelationship.

Van Emde Boas - Amsterdam

NEDOMA, Karel

Experiences with expert opinions on sexual delinquents from the point of view of the sexologist. Cesk. psychiat. 54 no.3:164-169 June 58.

1. Sexuologicky ustav lekarske fakulty KU v Praze.
(SEXUAL DEVIATION,
expert opinion on sex delinquents (Cz))

NEDOMA, Karel; RABOCH, Jan

Sexual development & personality of 2 males with a female nuclear structure. Cesk. psychiat. 54 no.5:298-302 Oct 58.

1. Sexulogicky ustav lekarske fakulty KU v Praze.
(EUNUCHOIDISM, psychol.
personality & sexual activity, case reports (Cz))
(HERMAPHRODITISM, case reports
female pseudohermaphroditism, personality & sexual activity (Cz))
(PERSONALITY
of female pseudohermaphrodite, case reports (Cz))
(SEXUAL BEHAVIOR
[redacted]

MEDOUA, Karel; FREUND, Kurt

The problem of responsibility and corrective measures in sexual delinquents. Cesk. psychiat. 55 no.4:264-269 June 59.

1. Sexuologicky ustav KU v Psychiatricka klinika KUv Prase.
(SEX DEVIATION)

BARTAK, Vladimir; NEDOMA, Karel

Incidence of male infertility in sterile marriages. Cas. lek. cesk. 98 no.10:309-314 6 Mar 59.

1. Sexulogicky ustav KU v Praze, prednosta prof. MUDr. J. Hynie Vl. B. Praha 2, Karlovo nam. 32.
(STERILITY, MALE, statist.
(Cz))

NEDOMA, Karel

The desire for parenthood and contraception early in marriage. Cesk.gyn.25[39] no.10:729-732 D '60.

1. Sexuologicky ustav KU v Praze, prednosta prof. dr. J. Hynie. (CONTRACEPTION statist)

NEDOMA, Karel

Some clinical aspects of the problem of female orgasm. Cesk. gyn. 26[40] no.5:354-357 Ja '61.

1. Sexuologicky ustav KU v Praze, prednosta prof. dr. J.Hynie.
(SEX BEHAVIOR)

VOJTA, M., doc.; NEDOMA, K.

A survey of conclusions on the problem of sexual life of women.
Cesk. gyn. 26 [40] no.5:404-407 Je '61.
(SEX BEHAVIOR)

NEDOMA, Karel; FREUND, Kurt

Somatosexual findings in homosexual males. Cesk. psychiat. 57 no.2:100-103 '61.

1. Sexualogicky ustav a psychiatricka klinika KU v Praze.
(SOMATOTYPES) (HOMOSEXUALITY)

FREUND, K.; NEDOMA, K.; PINKAVA, V.

2 types of picture of homosexuality in men. Cesk. psychiat. 57 no.4: 230-232 [illegible]61.

1. Psychiatricka klinika a Sexuologicky ustav KU v Prase.
(HOMOSEXUALITY)

NEDOMA, Karel

On the problem of orgasm in women. Cesk. psychiat. 57 no.4:262-268 Ag '61.

1. Sexuologicky ustav KU v Prase.
(SEX BEHAVIOR)

NEDOMA, K.

Homosexual prostitution in adolescence. Cesk. psychiat. 58 no.5: 312-314 O '62.

1. Sexuologicky ustav fak. vseob. lek. University Karlovy v Praze.
(HOMOSEXUALITY) (PROSTITUTION)

NEDOMA, K.

[illegible] phosphatases in the urine of [illegible] men. Cas. lek. cesk. 104 no.13:339-341 2 Ap '65

1. Sexuologický ústav fakulty všeobecného lékařství Karlovy University v Praze (ředitel: prof. dr. J. Hynie, DrSc.).

2

[illegible]NDOMA, K.

[illegible]

1. Sem[illegible]

Bibl ab

8 I - 1. - 2 Thermal

[illegible] W. [illegible] (Paliva, 1960, 39, 127--130).--
Standard domestic wood briquettes are described. R. Torrence

NADOHA, W.

"Survey of Contemporary Development in the Production of High-Capacity Gas Burners." p. 26, Praha, Vol. 34, no. 2, Feb. 1954.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

MEDOMA, W.; PRASEK, K.; KLIMA, J.

Pressure gasification of fuel with liquid slag disposal. Strojnícky [illegible] no.7:214-222 Jl '61.

PRASEK, K., inz.; NEDOMA, K.

Protection of the internal surface of gas pipelines by plastic coatings. Paliva 41 no.7:235-236 Jl '61.

KLIMA, J.; PRASEK, K.; NEDOMA, W.

Study of the motion of a gasifying agent and cinder in a model of pressure generator. Paliva 42 no.1:3-11 Ja '62.

1. Ustav pro vyzkum paliv, Bechovice.

PRASEK, K.; KLIMA, J.; NEDOMA, W.

New possibility of gas production by using nuclear energy. Paliva 42 no.6:165-167 Je '62.

PRASEK, K.; KLIMA, J.; NEDOMA, W.

Technical and economic examination of lighting gas production by gasification in generators with removal of fluid slag. Paliva 42 no.9:257-261 S '62.

NEDOMA, W.; PAV, J.; VOGL, J.

Influence of the grate shape on cinder removal from a pressure-generator model. Paliva 43 no.5:129-133 My '63.

1. Ustav pro vyzkum paliv, Bechovice.

PRASEK, K.; NEROUM, W.; [illegible]

Basic research on substance movements in pressure generator models. Prace Ust paliv 8:5-38 '64.

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001136

NEDOMLEL, F

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Application. Part 2. - Ceramics. Glass. Binders. Concretes. - Glass. H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 71544.

Author : František Nedomlel, Milan Rak.
Inst :
Title : Heat Insulation Properties of Double Glass.

Orig Pub: Sklář a keramik, 1958, 8, No 1, 5-7.

Abstract: The computation method of heat losses through two glass (G) walls (for refrigerators), each 5 mm thick, with an air filled space of 10 mm between them is presented; glass is fixed in plastic bars. 10 x 10 mm large. The heat conductivity factor of double glass K = 3.03 kcal per sq. m x degree x hour at the temperature of -10° inside the refrigerator and of 20° in the

Card : 1/2

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Application. Part 2. - Ceramics. Glass. Binders. Concretes. - Glass. H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 71544.

room. The weight of 1 sq.m of a double glass wall is 25 kg; the weight of an equivalent (by the factor K) wall of solid glass is 525 kg, the thickness of an equivalent solid glass wall is 210 mm.

Card : 2/2

Country : CZECHOSLOVAKIA E
Category : Analytical Chemistry. Analysis of Organic Substances
Abs. Jour : Ref Zhur - Khim., No 5, 1959, No. 15113

Author : Romovacek, J.; Simanek, J.; Nedemlel, F.
Institution : -
Title : Determination of the Total Content of Sulfur in Volatile Liquids

Orig. Pub. : Paliva, 1958, 38, No 4, 113-116

Abstract : A method is described for the determination of S in volatile organic compounds by means of combustion of the sample in an O_2 atmosphere (25-30 atm.) and for titration, by complexometric or conductometric methods, of the SO_4^{-2} ions formed in the process. About 0.3 g. (1-1.5 ml.) of the sample is introduced by an injector into a capsule prepared from a polyamide resin; the capsule is wrapped with Fe wire and burned in a calorimetric bomb in the presence of 50

Card: 1/4

Country : CZECHOSLOVAKIA

Category : Analytical Chemistry. Analysis of Organic Substances

Abs. Jour : Ref Zhur - Khim., No 5, 1959, No. 15113

Author :

Institut. :

Title :

Orig Pub. :

Abstract Cont'd : ml. of a 3% solution of H_2O_2. The solution obtained is boiled to remove CO_2 and then supplemented with water up to 1,000 ml. (solution A). To 10-20 ml. of solution A, the following additives are mixed in: 0.1 n. $BaCl_2$ solution (in such quantity that, after $BaSO_4$ precipitation, about a 5 ml. excess of it will remain), 10 ml. of 0.01 n. $MgCl_2$ solution, 0.2 g. of KCN (for binding Fe^{+3}), 5 ml. of a buffer solution (5.35

Card: 2/4

Country : CZECHOSLOVAKIA

Category : Analytical Chemistry. Analysis of Organic Substances

Abs. Jour : Ref Zhur - Khim., No 5, 1959, No. 15113

Author :

Institut. :

Title :

Orig Pub. :

Abstract Cont'd : sence of 3 drops of Tashiro indicator until a change of color from red to green; whereupon, H_2SO_4 and HNO_3 are titrated. Then, 100 ml. of acetone, 1 ml. of a 3% CH_3COOH solution and water to make up 200 ml. are added, and conductometrically $Ba(NO_3)_2$ is titrated with a 0.1 n. Li_2SO_4 solution. The SO_4^{-2} content is estimated according to the difference. The analysis lasts 55 minutes.-- N. Turkevich

Card: 4/4

E - 30

NEDOMEL, F.

Thermal balance of a tank furnace for production of plate glass. (To be contd.) p. 268.

SKLAR A KERAMIK. (Ministerstvo lehkeho prumyslu, Praha, Czechoslovakia, Vol. 9, no. 9, Sept. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

NEDOMEL, F.

Thermal balance of a tank furnace for production of plate glass. p.298.

SKLAR A KERAMIK. (Ministerstvo lehkeho prumsylu) Praha, Czechoslovakia, Vol. 9, no. 10, Oct. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

NEDOMLEL, Frantisek, inz.

Present state of the supply of sorted coal for low-pressure generators. Sklar a keramik 14 no.11:309-310, 311 N '64.

1. Research and Development Worksite of Flat Glass, Retenice.

L 45636-65 EPA(s)-2/EPA(w)-2/EWT(1)/EWT(m)/EEC(t)/EWA(m)-2 Pi-4/Pab-10

ACCESSION NR: AP5006464 S/0294/65/003/001/0017/0022

39
38
B

AUTHOR: Nedospasov, A. V.; Poankmarenko, Yu. B.

TITLE: [illegible] of the equilibrium state of the positive column of a gas dis-[illegible]

SOURCE: Teplofizika vysokikh temperatur, v. 3, no. 1, 1965, 17-22

TOPIC TAGS: gas discharge, positive column, equilibrium discharge, discharge stratification, charge diffusion, ionization

ABSTRACT: The equilibrium state of the positive column and the mechanism of its instability are considered in greater detail than in an earlier paper by one of the authors (Nedospasov, Zh. tekhn. fiziki v. 28, 173, 1958; v. 29, 1388, 1959). Equations of state are written for the positive column on the basis of the hydrodynamic equations for the metastable atoms, electrons, and ions. Equilibrium diffusion equations are then obtained without account of volume recombination or the change in the neutral gas density. An analysis of these equations from the point of view of stability shows that the latter is strongly influenced by fluctuations

Card 1/2

L 45636-65

ACCESSION NR: AP5 [illegible]

in the concentration of the metastable atoms, and that, other conditions being equal, the assumptions made by H. Rother (Ann. Physik v. 4, 373, 1959; v. 5, 252, 1960) concerning the presence of a stabilizing feedback loop through the external circuit is not essential. Orig. art. has: 2 figures and 32 formulas.

ASSOCIATION: Moskovskiy fiziko-tekhnicheskiy institut (Moscow Physicotechnical Institute)

SUBMITTED: 18Mar64 ENCL: 00 SUB CODE: ME, GC

NR REF SOV: 007 OTHER: 011

Card 2/2 [illegible]

KEDOPEKIN, A.V.

Collection and transportation of paraffin-base petroleum. Neft.khoz. 33 no.2:85-86 F '55. (MLRA 8:4)
(Petroleum--Transportation)

MEDOPEKIN, G.K., insh.; TRUBIKHIN, M.G., kand.ekon.nauk

Increase in labor productivity and reduction in transportation costs during the period 1959-1965 Je '59. (MIRA 12:10)
(Labor productivity) (Railroads--Cost of operation)

FLEYSHMAN, F.M.; BOBROVA, L.I. Prinimali uchastiye: NEDOPEKIN, G.K.; GRIGOR'YEV, A.N.; USENKO, L.A., tekhn. red.

[Analysis of the production and economic operations of a railroad division; methodological textbook] Analiz proizvodstvenno-khoziaistvennoi deiatel'nosti otdeleniia dorogi; metodicheskoe posobie. Moskva, Transzheldorizdat, 1961. 119 p. (MIRA 15:10)

1. Russia (1 23- U.S.S.R.) Ministerstvo putey soobshcheniya. TSentral'nyy nauchno-issledovatel'skiy institut Ministerstva putey soobshcheniya (for Fleyshman, Bobrova). 2. TsPEU (for Nedopekin).

(Railroads--Management)

BELYUNOV, S.A., inzh.; DMITRIYEV, V.I., dots., kand. ekon. nauk; KUCHURIN, S.F.; LIN'KOV, M.V.; MULYUKIN, F.P.; NEDOPEKIN, G.K., insh.; PUZYNYA, I.Ye., inzh.; RAYKHER, G.Kh., inzh.; TRUBACHEV, T.Ye., inzh.; TYVANCHUK, D.P., insh.; UMBLIYA, V.E., kand. ekon. nauk; KHOKHLOV, N.F., dots. kand. ekon. nauk; CHUDOV, A.S., prof., doktor ekon. nauk; ERLIKH, V.S., insh.; IVLIYEV, Ivan Vasil'yevich, red.; KRISHTAL', L.I., red.; KHITROV, P.A., tekhn. red.

[Planning in railroad transportation] Planirovanie na zheleznodorozhnom transporte; spravochnik. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniie, 1961. 470 p. (MIRA 14:11)
(Railroads—Management)

LARIONOVA, Yekaterina Vasil'yevna, kand. ekon. nauk; NEDOPEKIN, G.K., retsensent; BUYANOVA, M.S., retsensent; KRISHTAL', L.I., red.; VOROTNIKOVA, L.F., tekhn. red.

[Calculating the cost of railroad transportation according to the types of traction]Raschet sebestoimosti perevozok po vidam tiagi na shelesnykh dorogakh. Moskva, Transzheldorizdat, 1963. 85 p. (MIRA 16:3)

(Railroads—Cost of operation)

NEDOPEKIN, M., inzh.; LOSEV, A.

Ways to solve fire prevention problems. Pozh.delo 6 no.2: 12 F '60. (MIRA 13:5)
(Factories--Fires and fire prevention)

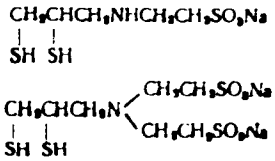
S/073/62/028/007/001/004
E075/E436

AUTHORS: Vasil'yeva, Ye.V., Nedopekin, T.K., Petrun'kin, V.Ye.

TITLE: Investigation of the complex-forming capacity of mercapto-compounds. Part I. Comparative evaluation of the strength of complex compounds of dithiols with the cations of mercury, lead, cadmium and zinc

PERIODICAL: Ukrainskiy khimicheskiy zhurnal, v.28, no.7, 1962, 773-778

TEXT: The method of investigation was to decompose a dithizone complex of a metal with an aqueous dithiol. The extent of the decomposition was taken as a measure of the strength of the dithiol-metal complex. Thiols forming a stable complex with one of the metals form also stable complexes with the other metals. The most stable complexes (95% of dithizone complex decomposed) were formed by



Card 1/3

In general, the most stable complexes are formed by sodium dimercaptoalkylsulphonates containing sulpho-sulphur or amine-nitrogen. The least stable compounds are formed by dimercaptoderivatives of malonic acid, aromatic thiols and heterocyclic thiols containing two non-aligned CH groups and monothiols. Transfer of SH in thiols of the fatty series from 2,3 to 1,3 position does not increase the strength of the complexes. Soviet produced thiol $CH_2CHCH_2SO_3Na \cdot H_2O$ (SH SH) forms complexes with Zn and Hg having similar stability to those formed by non-Soviet product BAL (2,3 dimercaptopropanol). The latter decomposes 75% of the dithizone complex. Many of the thiols form much stronger complexes with Hg than ethylenediaminetetraacetic acid. With Pb, Zn and Cd the acid gives complexes having similar stability to those formed by the best thiols. The dithizone method of determining complex stability is recommended for general usage. There are 4 tables.

Investigation of the complex- ... S/073/62/028/007/001/004
E075/E436

ASSOCIATION: Ukrainskiy nauchno-issledovatel'skiy sanitarno-khimicheskiy institut (Ukrainian Scientific Research Sanitary Chemistry Institute)

SUBMITTED: May 18, 1961

Card 3/3

VASIL'YEVA, Ye.V.; NEDOPEKIN, T.K.; PETRUN'KIN, V.Ye.

Comparative evaluation of the stability of complex compounds of dithioles with cobalt ions. Ukr.khim.zh.r. 31 no. 1:481-484 '65. (MIRA 18:1)

1. Ukrainskiy nauchno-issledovatel'skiy sanitarno-khimicheskiy institut. Submitted Sept. 25, 1963.

KNYAZEVA, T.S.; KORSHAK, V.V.; AKUTIN, M.S.; KULEVA, M.M.; VINOGRADOVA, S.V.; RODIVILOVA, L.A.; NEDOPEKINA, T.P.; VALETSKIY, P.M.; MOROZOVA, S.A.; SALAZKIN, S.N.

Possibility of using various polyarylates as insulating film materials. Plast. massy no.12:37-40 '62. (MIRA 16:1)
(Acids, Organic) (Polymers) (Insulating materials)

[illegible] HEN[illegible]
[illegible]DOVA, M.

Importance of [illegible]
[illegible]
[illegible]

[illegible]
[illegible] I. [illegible]
[illegible] Ste[illegible]

NEDOPOVA, T.Ya.

Automatic aprons on dump trucks. Ogneupory 20 no.7:325-326 '55.
(Dump trucks) (MLRA 9:1)

NEDOPOVA, T.Ya., inzh.; BRONIN, G.K., inzh.

Investigating collar packings. [Nauch.trudy] ENIKMASha 2:103-130 '60. (MIRA 14:1)

(Hydraulic presses) (Packing (Mechanical engineering))

NEIOPPYALKO, I.M.

Some biological characteristics of Sonne bacteriophages. Mikrobiol. zhur. 27 no.5:55-60 '65. (MIRA 18:10)

1. Uzhgorodskiy nauchno-issledovatel'skiy institut epidemiologii, mikrobiologii i gigiyeny.

NEDOPRYADKO, D.M.

Some characteristics of Sonne bacteriophages. Report No.1: Antigenic properties, range of lytic action and morphology of the negative strains of Sonne bacteriophage. Zhur. mikrobiol., epid. i immun. 42 no.10:100-105 O '65. (MIRA 18:11)

1. Uzhgorodskiy institut epidemiologii, mikrobiologii i gigiyeny. Submitted February 26, 1964.

L 1725-66 EWT(m)/EWP(w)/EPF(n)-2/EWA(d)/EWP(v)/T/EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(c)/IJP(c) MJW/JD/WW/WW/JG

ACCESSION NR: AP5021221

UR/0125/65/000/008/0022/0025
621.791.92:620.183.004.12

AUTHOR: Nedorenko, M. M. (Engineer)

TITLE: The structure and properties of precipitation-hardenable, iron-base alloys

SOURCE: Avtomaticheskaya svarka, no. 8, 1965, 22-25

TOPIC TAGS: iron base alloy, cobalt containing alloy, molybdenum containing alloy, manganese containing alloy, silicon containing alloy, precipitation hardenable alloy

ABSTRACT: A series of precipitation-hardenable Fe-Co-Mo alloys additionally alloyed with other elements were deposited by submerged arc welding onto a St.3 base. The alloys contained 0.030—0.20% C, 0.24—0.96% Si, 0.56—2.48% Mn, 16.56—17.40% Mo, 26.30—29.60% Co, and up to 0.72% V, 0.74% Nb, 0.38% Ti, 0.025% B, and 0.34% Ni. The purpose of the investigation was to determine the effect of Mn, Si, C, Ti, Nb, V, Ni, and B on the structure and mechanical properties of the alloys. Addition of 1.0—1.6% Mn brought about a partial fragmentation of coarse dendrites, but increasing the Mn content up to 2.4% produced no further effect. The effect of V was similar to that produced by Mn. Addition of more than 0.4% V caused decomposition of the solid solution, primarily at the grain boundaries. Addition of Ti led to the

Card 1/2

L 1725-66
ACCESSION NR: AP5021221

formation of a dispersed structure with equiaxial dendrites. Nb promoted recrystallization processes in the deposited metal, as did Mn and V. Nb had no modifying effect on the structure but increased appreciably the size of primary crystals. Addition of 0.005—0.025% B resulted in the formation of cracks in the deposit; larger amounts of B (0.25—0.4%) promoted the precipitation of a secondary phase and the fragmentation of dendrites. Addition of Ni led to the formation of long thin dendrites. Complex alloying with Ni and Nb substantially changed the structure because of the formation of a second phase. Generally, austenitizers at optimum contents (0.8—2.5% Mn and 0.5—0.8% Ni) raise the $\gamma \rightarrow \alpha$ transformation temperature, promote decomposition of the solid solution during cooling, increase the bending strength, and decrease the hardness of the deposited metal. Ferritizers (Si, V, Nb, Ti, and others) cause a premature decomposition of the solid solution during cooling, increase the hardness of the as-deposited metal, and lower the bend strength and hardness after aging. Orig. art. has: 4 figures and 1 table. [MS]

ASSOCIATION: Institut elektrosvarki im. Ye. O. Patona AN UkrSSR (Electric Welding Institute, AN UkrSSR) Joining of dissimilar Metals

SUBMITTED: 13Jan65 ENCL: 00 SUB CODE: MM

NO REF SOV: 005 OTHER: 000 ATD PRESS: 4095

Card 2/2

NEKORELOV, A. I.

Agrarian reforms in the People's Democratic Czechoslovakia. Moskva, Izd-vo akad. nauk SSSR, 1954. 217 p. (54-40797*)

HD1540.C9N4

NEDOREZOV, G.K.

The ALB-6A automatic line for manufacturing bolts. Biul.tekh.-ekon. inform. no.5:20-22 '60. (MIRA 14:3)
(Machinery, Automatic)

NEDOREZOV, G.K.

The RSP-1 program-controlled radial drilling machine. Biul.tekh.-ekon.inform. no.6:19-21 '60. (MIRA 13:8)
(Drilling and boring machinery)

NEDOREZOV, I. A.

NEDOREZOV, I.A., inzhener.

Correct curve shapes for moldboards of motor graders and bulldozers.
Stroi.i dor.mash. 2 no.8:18-20 Ag '57. (MIRA 10:9)
(Road machinery)

NEDORENZOV, I.A., insh.

Design of foreign motor graders. Stroi.i dor.mashinostr. 3 no.10:32-36 O '58. (Graders(Earthmoving machinery)) (MIRA 11:11)

NEDOREZOV, I. A., Candidate Tech Sci (diss) -- "Investigation of excavation by the blades of an auto-grader". Moscow, 1959. 15 pp (Min Higher Educ USSR, Moscow Automobile and Road Inst), 150 copies (KL, No 24, 1959, 139)

PHASE I BOOK EXPLOITATION SOV/4896

Moskovskiy dom nauchno-tekhnicheskoy propagandy imeni F. E. Dzerzhinskogo

Avtomaticheskie rotornyye linii - sredstvo kompleksnoy avtomatizatsii proizvodstva. (Rotary-Transfer-Machine Lines-a Means of Full Automation of Production) Moscow, Mashgiz, 1960. 221 p. 10,000 copies printed.

Ed.: L. N. Koshkina; Ed. of Publishing House: I. Vasil'yeva; Tech. Ed.: G. V. Zaimova; Managing Ed. for Literature on Metalworking and Machine-Tool Making: V. I. Mitin, Engineer.

PURPOSE: The book is intended for technical personnel in the machinery industry.

COVERAGE: This collection of articles explains the principles of full automation based on the use of rotary transfer machines in various industries. The rotary operational transfer machines used for basic processing are discussed, and also the special power equipment and accessories for these machines and (Production) lines. No personalities are mentioned. There are no references.

AVAILABLE: Library of Congress (TJ1189 M6)

VK/dwm/oe
6/24/61

Card 4/4

FEDOROV, D.I., kand.tekhn.nauk; TIMASHKOV, M.V., inzh.; NEDOREZOV, I.A., inzh.

Testing experimental straight shovel dippers designed by the Central Communication Scientific Research Institute. Transp. stroi. 10 no.2:38-40 F '60. (MIRA 13:5)
(Excavating machinery--Equipment and supplies)

FEDOROV, D.I., kand.tekhn.nauk; NEDOREZOV, I.A., kand.tekhn.nauk; PLESHKOV, D.I., kand.tekhn.nauk; TARASOV, S.M., inzh.; SOKOLOVSKIY, S.V., inzh.

Which scraper is better. Stroi. i dor. mash. 6 no.6:13-17 Je '61. (MIRA 14:7)

(Scrapers)

NEDOREZOV, I.A., kand.tekhn.nauk; FEDOROV, D.I., kand.tekhn.nauk

Elevating graders and scraper planes. Transp.stroi. 12 no.7: 29-33 Jl '62. (MIRA 16:2)

(Earthmoving machinery)

NEDOREZOV, I.A., kand. tekhn. nauk

Effectiveness of power graders of various sizes. Transp. stroi. 15 no.3:43-45 Mr '65. (MIRA 18:11)

FEDOROV, D.I.; SHUBIN, M.A.; NEDOREZOV, I.A.; MASHKOVICH, G.N.; LUR'YE, G.K.

Basis for the prospective typification of earthmoving machines in the construction of transportation systems. Transt. stroi. 15 no.9:43-45 S '65. (MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut transportnogo stroitel'stva.

FEDOROV, D.I.; NEDOREZOV, L.A.

Possibility of increasing the efficiency of excavating machines in strip mining. Fiz.-tekh. probl. razrab. pol. iskop. no.1: 46-52 '65. (MIRA 18:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut transportnogo stroitel'stva Gosudarstvennogo proizvodstvennogo komiteta po transportnomu stroitel'stvu SSSR, Moskva.

BALOVNEV, V.I., kand. tekhn. nauk; NEDOREZOV, I.A., kand. tekhn. nauk; KARASEV, G.N., inzh.

Pickups for measuring soil pressure on the surface of working tools of earthmoving machines. Stroi. i dor. mash. 10 no.8: 9-10 Ag '65. (MIRA 18:9)

NEDOREZOV, P.F. (Saratov)

Torsion of a cylindrically orthotropic shallow shaft by tangential forces distributed along the side surface. Izv. AN SSSR. Mekh. i mashinostr. no. 2:140-146 Mr-Ap '64. (MIRA 17:5)

GRANOVSKIY, Ye.; FEDORIZOV, P.V.

Renew norms for technical standards systematically. Sots.trud 5 no.4:106-107 Ap '60. (MIRA 13:9)
(Machinery industry--Production standards)

GRANOVSKIY, Ye.N.; NEDOREZOV, P.V.

Consolidated norms for preliminary determination of labor consumption in manufacturing parts. Mashinostroitel' no.11:39-41 N '62. (MIRA 15:12)

(Factory management)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001136

ACC NR: AP6037088 SOURCE CODE: UR/0056/66/051/005/1575/1586

AUTHOR: Nedorezov, S. S.

ORG: Physicotechnical Institute, Academy of Sciences, Ukranian SSR (Fiziko-tekhnicheskiy institut Akademii nauk Ukrainskoy SSR)

TITLE: Oscillations of electronic thermodynamic characteristics of a metal film at high pressures

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki, v. 51, no. 5, 1966, 1575-1586

TOPIC TAGS: metal film, high pressure research, conduction electron, elastic modulus, paramagnetic susceptibility, specific heat, thermal expansion, electron transition

ABSTRACT: The author shows that quantization of the energy of conduction electron in a film can lead to the appearance of logarithmic singularities in the density of the states. This is brought about by the changes occurring in the topolog f the Fermi surface as the latter is continuously deformed at high pressures and in giant oscillations of thermodynamic quantities resulting from the shift of the chemical potential when the film is deformed. The pressure-induced variations in the Fermi level, in the electronic part of the elastic moduli, in the electronic part of the stress tensor, and in the paramagnetic susceptibility are determined. The anomalies appearing in

Card 1/2

ACC NR: AP6037088

the electronic compressibility, the electronic specific heat, the thermal coefficient of pressure, and the thermal expansion coefficient are determined in the vicinity of the electronic transition. The author thanks Prof. I. M. Lifshits for attentive guidance of this work. Orig. art. has: 6 figures and 49 formulas.

SUB CODE: 20/ SUBM DATE: 14Jun66/ ORIG REF: 008

Card 2/2

NEDOREZOV, V. Ye

Rezervy: konstrukstsii, geometriya, tekhnologiya izgotovleniya (cutters: design, geometry, technology of their fabrication) Moskva, Mashgiz, 19[illegible].
[illegible]15 p. illus., diagrs., tables.
"Literatura i Istochniki": p. [illegible]-([illegible])

SO: N/5
742.431
.n3

NEDOREZOV, Vladimir Yevseyevich; PCHELKIN, Yu.V., red. ; FRESNOVA, V.A., tekhn. red.

[Pledge of success] Zalog uspekha. Leningrad, Lenizdat, 1961. 37 p. (MIRA 15:11)

1. Glavnyy inzhener leningradskogo zavoda "Elektrik" (for Nedorezov).

(Electric equipment industry)

BARANOV, I.B.; NEDOREZOV, V.Ye., kand. tekhn.nauk, retsenzent; SIMONOVSKIY, N.Z., red. izd-va; PETERSON, M.M., tekhn.red.

[Cold welding of plastic metals]Kholodnaia svarka plastichnykh metallov. Izd.2., perer. i dop. Moskva, Mashgiz, 1962. 151 p. (MIRA 15:11)

(Cold welding)

NEDOREZOV, V.Ye.

Combination die for the blanking of rotor and stator plates by means of an air-hydraulic pressure transmitter. Kuz.-shtam. proizv. 5 no.10:41-43 O '63. (MIRA 16:11)

NEDUI[illegible] [illegible], L.M.

[illegible] the method of photoelastic for experimental investigation [illegible] the nature of deformations caused by blanking and piercing [illegible]ite materials. Trudy LPI no.250:109-110 '65. (MIRA 18:9)

NEDOROST, CESTAIR

2

[redacted]

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001136

HALAMEK, Ferdinand, dr. ins.; NEDOROST, Cestmir, ins.

Heating of sludge digesters. Vodni hosp 13 no.6:216-218 '63.

1. Ustredni kanalizacni cistirna, Brno.

MEDOROST, Castimir, ins.; FADRUS, Hubert, promovany chemik; MALY, Josef, promovany chemik; MENTVICH, Jindrich, ins.

Experiences in waste water purification in Brno. Vodni hosp 14 no.8:293-298 '64.

1. Water Resources Management Agency of the city of Brno (for all except Mentvich). 2. Hydroprojekt, Brno (for Mentvich).

NEDOKOST, Gestmir, Inz.; MAIY, [illegible], [illegible] chemik; PAVLAS, [illegible], [illegible] chemik; PAZLIKA, J., [illegible].

Experiences in waste water [illegible] in Brno. Vodní [illegible] 339-347 '64.

1. Brno City Water [illegible] Management, [illegible].
2. Hydroprojekt, Brno [illegible].

CZECHOSLOVAKIA

MEDOROST, J., Central School [illegible] skola), ROH [Revolucni odborove hnuti; Revolutionary Trade- nion Movement], Prague.

"Basic Problems of Work Economics"

Prague, Pracovni Lekarstvi, Vol XV, No 6, August 1963, pp 231-233.

Abstract: Work economics is defined as a search for the laws, principles, methods, and forms of applying economic laws in the area of work. Specifically the following problems are studied: a) The economical distribution of the labor force. b) Training. c) Improvement of qualification. d) Compensation for work. e) Labor productivity. f) Organization of the working time. g) Development and utilization of workers' initiative. Discussed is the cooperation with other scientific branches and some current problems are pointed out. Work economics is taught at the Schools of Economics (Vysoka skola ekonomicka) and the Central School, ROH, both in Prague. The School of Economics trains 15 to 20 persons with university education each year. The Central School trains 700 to 1,000 students with high-school education. The subject is studied at the State Wages Commission (Statni mzdova komise), Czechoslovak Academy of Sciences, and the State Planning Commission (Statni planovaci komise). No references

1/1

NEDOROST, Jaroslav

Characteristic of the term product quality, and its social importance. Prace mada 11 no.8:385-391 Ag '63.

1. Vedouci katedry ekonomiky prace ustredni skoly Revolucniho odboreveho hnuti, Praha.

MEDOROST, J.

On basic problems in work economy. Prac. lek. 15 no.6:231-233 Ag '63.

1. Ustredni skola ROH, Praha.
(INDUSTRIAL MEDICINE)

NEDOROST, Jaroslav

Labor productivity, total costs and the quality of products.
Prace mzda 13 no.3:103-108 Mr '65.

1. Central School of the Revolutionary Trade Unions, Prague.

NEDOROST, Jaroslav

Qualification of workers, an important factor in improving the quality of products, and the material incentives. Prace mada 13 no.4:148-152 Ap '65.

1. Central School of the Revolutionary Trade Unions, Prague.

NEDOROST, M

A modified volumetric determination of arsenic and antimony in alloys, white metal and sulfur-antimony ore: J. Jilek and M. Nedorost (Vysoká Tech. Akad., Brno, Czech.). [illegible] 31(1953).—The Evans (C.A. 13, 5132) method was modified as follows: The As^{3+} and Sb^{3+} compds. dissolved in 6N HCl are reduced to elementary As by $NaH_2PO_2.H_2O$ which after isolation and washing is dissolved in boiling concd. H_2SO_4. As^{3+} is titrated in a hot acid soln., according to Cybry (Vlaskumen, Z. anal. Chem. 42, 415(1903)), with 0.1N $KBrO_3$ and methyl orange indicator. On this basis methods for the analysis of alloys of As, Sb, and Sn, of white metal (As, Sb, Sn, Cu, Ni, and Pb) and of Sb_2S_3 ore (As, Sb, Fe, Al, Cu, and S) were developed. For analysis the alloy or ore is decompd. by heating with concd. H_2SO_4. This method also can be used in the presence of Se^{IV} and Te^{IV}. — Jan Micka

Czechoslovakia

1594. Turbidimetric determination of naphthenic acids. [illegible] Nature [illegible] Prague, Czechoslovakia. Chem. Listy, 1952, 46, 8, 1118-1120.—A method is described for the determination of naphthenic acids in aq. soln. and in oils, based on the measurement of the turbidity produced when an alkaline soln. of the acids is acidified. *Procedure*—Place the sample of oil (100 g) in a separating funnel provided with a heating coil, thermometer and stirrer, add *N* KOH (≈50 ml), heat the mixture to 60° C for 10 min. with stirring, allow the two layers to separate and run off the aq. layer. Repeat the saponification with two further 50-ml portions of KOH. Dilute the combined aq. alkaline liquors with H_2O to a known vol., transfer an aliquot into a 100-ml flask, acidify it with *N* HCl to a pH of 1 to 3-5, dilute to the mark and measure the turbidity after 5 min. To facilitate the separation of the two layers in samples containing over 0.1 per cent. of naphthenic acids, use *N* aq. ethanolic KOH (40 to 40 per cent. ethanol) for the saponification, but the ethanol must be distilled off before acidification. Up to 5 per cent. of ethanol does not interfere. G. GLEMER

The turbidimetric determination of traces of naphthenic acids. M. Nedomat and V. Simůnek. *Práce Ústavu pro Naftový Výzkum*, Ser. B, No. 17/23, 67-70(Russian and German summaries, 71-2)(1956).—The method for the rapid detn. of traces of naphthenic acids (I) in water and crude oil is based on the photometric detn. of the turbidity of the emulsion of I obtained by acidifying an alk. soln. of the naphthenates with mineral acids. The emulsion is sepd. from the sample and analyzed at pH 0.5-2.0 within 10 min. after acidification at 15-25°. Solns. of electrolytes such as NaCl or KCl have no effect on the development and st. of the turbidity. The light absorption is almost directly proportional to the concn. of I. I having higher mol. wts. are characterized by higher light absorption. S. S. L.

Nedorost, M.

1085. Polarographic vessel for continuous gas analysis. M. Nedorost (Inst. for Petroleum Res., Brno, Czechoslovakia). *Chem. Listy*, 1956, 50 (1), 311-313. A new, simple vessel for continuous gas analysis, for use in gas chromatography, is described. The usefulness of this vessel in the chromatographic separation of halogens and in the continuous determination of H_2S is indicated. J. Z. (RC)

Chem

PMx