

SI 737/61/100/000/005/010

AUTHOR: Zotova, Ye. V., Candidate of Technical Sciences

TITLE: Corrosion-resistant nickel alloys

SOURCE: Zhurnal tekhnicheskoy fiziki, No. 1, p. 441-449, 1961

TEXT: In the area of corrosion-resistant alloys for high-temperature use in HCl, steels and Ni-Mo alloys are being developed. In the USSR, Ni-Mo alloys containing highly alloyed 15% Mo have been highly successful abroad. Shortages of the component raw materials and the difficulty of obtaining thin sheet materials have prevented wide application of such alloys in the USSR. In 1948-1952 Ye. M. Chizhikov et al. succeeded in making a production batch of 3-mm sheet of alloy Zh460 (E1460) and Zh461 (E1461). Their composition is said to approach that of Hastelloy A and B, respectively. The authors report on the results of the investigation of the corrosion resistance of these alloys in HCl. The investigation was carried out in the form of a series of experiments. Melting was done in 20-kg HF furnaces with nickel electrodes. The charge materials



### Corrosion-resistant nickel alloys

S7737/b:000/000/005/010

is arranged in separate inclusions along the direction of rolling, and a growth of the  
solid solution with a rise in temperature. The inclusions are oriented in the direction  
of rolling and are elongated in the direction of rolling.

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The effect of Silicon, Copper, Vanadium

1977-1-10-11-12-13-14

... of their microstructure and corrosion stability; (B) an investigation of the Fe-Ni alloys with additions of V, W, and Ni, and a number of types of Fe-Ni-Si alloys. ...



A search for steels that are corrosion-resistant... S/TTG/62/000/027/003/014

tion of the test was 1000 hours. The mechanical properties of the  
deformable steels are summarized in Table 1. The structure and hard-ness

of the cast non-deformable steels are summarized in Table 2. The structure and hard-ness

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A search for steels that are corrosion-resistant... 57776 62.000/027/003/004

Samoylov. Cross-sections of mixer paddles and of distribution disks of a drum-type vacuum filter tested are shown in full-page-size figures. The results of the corrosion tests show the low corrosion resistance of Cr and Cr-Ni steels and the improved corrosion resistance of steels more highly alloyed with Cr, Ni, and Mo. The beneficial effects of heat treatment on the properties after welding are noted. It is concluded that in the making of parts of this type it is important that steels with a low C content be used and that conditions of heat treatment be employed. The steels of the type 08H20M2T, 08H20M2T, and 08H20M3 are recommended for use in the construction of parts of this type. The results of the tests are given in general tables and figures and in figures and tables.



BABAKOV, A.A., ZOTOVA, YE.V.

The effect of silicon, vanadium, tungsten and niobium on the corrosion-resistance of iron-nickel alloys in sulfuric acid.

KH18N28M3D3 and KH23N28M3d3 steels and their tendency toward intercrystalline corrosion.

SPECIAL STEELS AND ALLOYS (SPECIAL'NYE STALI I SPLOVY), Collection of Studies, Issue 27, 240 pages, published by the State Scientific and Technical Publishing House for Ferrous and Non-Ferrous Metallurgy, Moscow, USSR, 1962.

HABAKOV, A.A., ZOTOVA, YE.V., ZHADAN, T.A.

Search for steels that are corrosion resistant in extractive phosphoric acid.

SPECIAL STEELS AND ALLOYS (SPETSIAL'NYE STALI I SPLAVY), Collection of  
Studies, Issue 27, 240 pages, published by the State Scientific and Technical  
Publishing House for Ferrous and Non-Ferrous Metallurgy, Moscow, USSR, 1962.

BABAKOV, A.A.; ZOTOVA, Ye.V.

Effect of silicon, copper, vanadium, tungsten, and niobium  
on the corrosion resistance in sulfuric acid of iron-nickel  
alloys. Sbor.trud.TSNIICHHM no.27:47-73 '62. (MIRA 15:8)  
(Iron-nickel alloys--Corrosion) (Sulfuric acid)

BABAKOV, A.A.; ZOTOVA, Ye.V.; ZHADAN, T.A.

Investigating steels resistant to corrosion by extraction with  
phosphoric acid. Sbor.trud.TSNIICM no.27:74-84 '62.

(MIRA 15:8)

(Steel--Corrosion)

(Phosphoric acid)

BABAKOV, A.A.; ZOTOVA, Ye.V.

Tendency toward intercrystallite corrosion in Kh18N28M3D3 and  
Kh23N28M3D3 steels. Sbor.trud.TSNIICM no.27:85-92 '62.

(MIRA 15:8)

(Chromium-nickel steel--Corrosion)

ZOTOVA, Ye. Ye., NIKITINA, V. A. and SLUCHEVSKIY, I. F.

"K Voprosu Ob Immunitete Pri Psikhicheskikh Zabolevaniyakh." p. 220

Psikhiatricheskaya klinika i problemy patologii vysshey nervnoy deyatel'nosti.  
Sbornik trudov Kafedry psikhiatrii., Leningrad. 1957. vol. 2.  
resp. ed. I.F. SLUCHEVSKIY.

Chair of Psychiatry.  
Leningrad State Inst. Advanced Training of Physicians.

SHABALINA, G.S., otv.red.; KASTEL'SKAYA, Z.D., red.izd-va; ZOTOVA,  
Yu.N., red.izd-va; KRASNAYA, A.K., tekhn.red.

[Economic problems of the countries of southeastern Asia]  
Problemy ekonomiki stran Iugo-Vostochnoi Azii. Moskva, 1959.  
213 p. (MIRA 13:2)

1. Akademiya nauk SSSR. Institut vostokovedeniya.  
(Asia, Southeastern--Economic conditions)

**VASIL'YEVA, T.M.; ZOTOVA-SPANOVSKAYA, N.P.**

Deformation of paper during wetting. Bum.prom. 35 no.12:23-24 B  
'60. (MIRA 13:12)

1. Nauchno-issledovatel'skiy institut Goznaka.  
(Paper--Testing)



ZOTOVA-SPANOVSKAYA, N.P., kandidat tekhnicheskikh nauk.

Bending resistance of paper. Bum.prom. 29 no.1:7-12 Ja-F '54.

(MIRA 7:3)

(Paper--Testing)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002005510009-3  
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002005510009-3

The role of electrolytes in sizing. S. S. Vovutskij, N. K. Chirnova, and S. P. Zotova-Spanovskaya. *Bumazh. Prom.* 25, No. 4, 8-12 (1950).—The mechanism of the various sizing processes (i.e., rosin or latex sizing of paper, chromesizing of leather, etc.) is much the same, and can be explained in large part by the concurrent processes of homo- and heterocoagulation. A study is made of the effect of electrolytes on sizing agents and sized materials. Data are presented to show that, with dil. solns. of sizing agents, dispersions are affected not only by ions present in the industrial water used, but also by salts arising from the fibers themselves. In the sizing of paper it is necessary to use a coagulating agent only because there is insufficient attraction between the fibers and the sizing agent to ensure pptn. of the particles of sizing agent on the fiber surface. The mechanism of rosin sizing of paper and the role of alum in the process are discussed. In the sizing of vegetable fibers with synthetic latex the initial concn. of the coagulating

electrolyte necessary to attain the most uniform distribution of the sizing agent should not be above 10-30 g./l., which can be later increased to 100 g./l. Because the presence of univalent cations (I) should retard homo- and accelerate heterocoagulation, the presence of I in pulp should result in improved sizing. A mixt. of 1:1 cotton rag and sulfite pulp is sized with synthetic latex contg. 30% solids. For a quantity of NaCl introduced with the latex equal to 0, 25, 50, and 100% (based on the fiber wt.), the dry tensile strength of the board is 4.6, 6.6, 6.1, and 5.1, and the wet tensile 2.4, 4.4, 3.7, and 1.9 kg./sq. mm., resp., and the coeff. of wettability is 0.52, 0.67, 0.61, and 0.36, resp. These results show that, at relatively low addn. of NaCl, there is a more uniform pptn. of latex on the fibers; at too high a concn. of NaCl, there is an increase in the flocculation of the latex particles. When the above board is subjected to artificial aging, however, it is found that the board contg. NaCl added to the sizing agent is more brittle and shows less elongation than board size without NaCl.

John Fulek, trans.

ZOTOVA-SPANOVSKAYA, N.P.; VASIL'YEVA, T.M.; NAYDA, V.M.

New device for determining the degree of sizing for paper. Bum.  
prom. 37 no.3:28-29 Mr '62. (MIRA 15:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut Upravleniya  
proizvodstvom gosudarstvennykh znakov, monet i ordenov.  
(Paper)

COUNTRY : USSR  
CATEGORY : Cultivated Plants. Fruits. Berries. M  
ABS. JOUR. : RZhBiol., No. 23, 1958, No.104363  
AUTHOR : Zotova, Z. S.  
INST. : ~~.....~~  
TITLE : Productivity of the New Altay Varieties of Black Currant  
in Comparison with Their Primary Forms.  
ORIG. PUB. : Byul. nauchno-tekhn. inform. Altaysk. plod.-yagodn.  
opytn. st., 1958, no. 2, 9-12  
ABSTRACT : No abstract.

CARD: 1/1

YUGOSLAVIA

Dr Miroslav ZOTOVIC [Affiliation not given,] Belgrade.

"Rehabilitation of Rheumatoid Arthritis Patients."

Belgrade, Medicinski Glasnik, Vol 17, No 1, Jan 63; pp 37-40.

Abstract : Discussion of therapeutic exercises, need for optimal ratio between exercises and rest; work therapy, devices needed to make a close-to-normal life possible in various contexts at home and work; psychological problems stressing the characteristic pattern of needs; these patients must be given hope, motivation, energy; social and occupational rehabilitation then follows naturally.

1/1

294/1500

LETTER TO THE DIRECTOR, CIA, WASHINGTON, DC

RE: [Illegible]

DATE: [Illegible]

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an antidynamic balance ...

1964-1965  
1964-1965

SECRET



L 9783-00 EWT(1)/FCC/EWA(h) RB/GW

ACC NR: AP5025485

SOURCE CODE: UR/0203/65/001/005/0939/0941

AUTHOR: Trifonov, F.M.; Burko, V.N.; Zotova, V.S.

ORG: Voronezh State University, Department of Radiophysics (Voronezhskiy gosudarstvennyy universitet, kafedra radiofiziki)

TITLE: Some results on the observation of distribution of meter wavelength radio signals from the layer E<sub>s</sub>

SOURCE: Geomagnetizm i aeronomiya, v. 5, no. 5, 1965, 939-941

TOPIC TAGS: electronic signal, radio wave propagation, signal distortion, E layer, magnetic field intensity

ABSTRACT: The occasional anomalously far propagation of radio and TV signals is a common phenomenon. The observations of public and private stations, made during 1954-58, were summarized and the time of the beginning and the end of signals, their amplitude, and the coordinates of the signal sources were determined. The results, represented graphically, showed that the anomalously far

1/3

UDC: 540.388.2

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ACC NR: AF5025485

propagation of ultra-short waves had a seasonal character. No effect was observed of the 11-year cycle of solar activity on this propagation. The highest probability for receiving the anomalously distant signals was during evening hours. The spatial field intensity increased about proportionally with the increased number of reception days. During August and especially September, the field intensity of received signals sharply decreased and its value approached 400 - 500  $\mu\text{v/m}$ . The probability of anomalous reception was inversely proportional to the signal frequency. The maximum duration of anomalous receptions was 1.5 - 2 hours, during which signals with constant field intensity and fluctuating signals were received. The TV images on the screen often had "repetitions" indicating the arrival of the repeated signals which lagged behind. Geometrical calculations and some assumptions suggested that the anomalously distant radio receptions of the meter-long waves were caused by the presence in the ionosphere of the sporadic layer  $E_s$ . The data on the number of days of anomalous radio receptions and the values of the spatial field intensity suggested that (1) the reflection of signals from the  $E_s$  layer occurred at the high values of field intensity (June - July), or (2) the signals were scattered from the  $E_s$  layer when the field intensity was low (April, August, and especially September). The  $E_s$  layer had a cloud-like structure in addition to its seasonal

2/3

L 9783-06

ACC NR: AP5025485

character. Orig. art. has: 1 figure.

SUB CODE: 04,17/SUBM DATE: 10Apr64/

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3/3

ZOTSENKO, L.M., kand.sel'skokhoz.nauk (g.Kishinev)

Profitableness of a counting and forecasting service, Zashch.  
rast. ot vred. i bol. 5 no. 8:9-11 Ag '60. (MIRA 13:12)  
(Moldavia--Fruit--Diseases and pests)

ZOTSENKO, L.N., kand.sel'skokhozyaystvennykh nauk

Use of the predatory lacewing *Sympharobius* to control Comstock's  
mealy bug in Tashkent Province. Trudy VIZR no.1:110-115 '48.

(MIRA 11:7)

(Tashkent Province--Mealy bugs) (Lacewing flies)

**ZOTSENKO, L.N.**

The brown scale insect (*Chrysomphalus dictyospermi* Morg.) in  
the subtropic zone of Krasnodar Territory and its predators.  
Zool. zhur. 33 no.3:577-586 My-Je '54. (MLBA 7:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zashchity  
rasteniy.

(Krasnodar Territory--Scale insects) (Scale insects--  
Krasnodar Territory)

**ZOTSENKO, L.H.**

Acacia pseudo scale *Aspidiotus corni* Bouché (Homoptera, Coccoidea)  
in a subtropical plant, the oriental persimmon. Ent. oboz. 34:  
67-76 '55. (MLRA 9:5)

1. Vsesoyuznyy institut zashchity rasteniy, Leningrad.  
(Scale insects)

ZOTSENKO, L.N., kandidat sel'skokhozyaystvennykh nauk, redaktor; SAVZDARG,  
V.E., redaktor; ZUBRILINA, Z.P., tekhnicheskiiy redaktor

[Control of fruit and grape pests and diseases] Zashchita plodovykh  
kul'tur i vinograda ot vreditel'ei i bolesnei. Pod red. L.N.Zotsenko.  
Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 239 p. (MLRA 9:9)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni  
V.I.Lenina.

(Fruit trees--Diseases and pests)  
(Grapes--Diseases and pests)



ZOTSENKO, L.N.

USSR/General and Special Zoology. Insects. Injurious Insects and Ticks. Pests of Fruit and Berry Crops

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49672

Author : Zotsenko L.N., Voroshchagin B.V.  
Inst : All-Union Institute of Plant Protection, Moldavian Station.  
Title : Data on the Biology of the *Partonolocanium corni* Boucho Damaging the Plum in Moldavia and Its Control.

Orig Pub : Sb. tr. Mold. st. Vses. in-ta zashchity rast., 1957, vyp. 2, 159-166

Abstract : The first adult females were noted on May 14 and the first males on May 25 in the Nisporenskiy Rayon of Moldavia (1956). Egg laying began in the last ten days of May during the discarding of the plum pericarp, and on June 12 the number of egg laying females was 98.5%. The larvae

Card : 1/3

75

USSR/General and Special Zoology. Insects. Injurious Insects and Ticks. Pests of Fruit and Berry Crops

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49672

began emerging June 12, the emergence was completed in the last 10 days of July. Spring chemical treatment was conducted shortly before the appearance of the "green cone" (April 17-18). Carbolineum (6%), carbolineum (6%) with Bordeaux mixture (4%) and freshly slaked lime (12%) were used. The spraying was done with great care. Badly sprayed trees were sprayed again. The dead larvae were, respectively, 99.1%, 98.5% and 97.3%, while in the control 0.7% died. During summer treatments against first generation larvae on July 1 Vophatox (0.3%), Mercaptophos (0.1%), M-74 (0.05%), chlorthane-2 TsMILKHI (1.0%), chlordane (0.5%), selinon (0.05%), ether sulfonate (0.4%), and colloidal sulphur (1%) (the concentrations were indicated according to the preparation) were used. Up to July 25, 97.2%

Card : 2/3

USSR/General and Special Zoology. Insects. Injurious Insects and Ticks. Pests of Fruit and Berry Crops

USSR/General and Special Zoology. Insects. Injurious In- P  
sects and Ticks. Pests of Fruit and Berry Crops

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49654

moths of the spring generation took place on May 28 and that of the second generation of July 22; the beginning of the emergence of larvae of the first generation was on July 10 and of larvae of the second generation on July 30. Airplane spraying was carried out in 1955 in the following ways: the first treatment in both variations on June 9 with a 5% Bordeaux mixture and 0.8% DDT emulsion (according to the active substance), 250 litres to the hectare; the second treatment was on June 24 and the third treatment on August 4 in the first variation with a 0.8% DDT and a 5% suspension of Thiophos, and in the second variation with a 0.8% DDT emulsion without Thiophos. There was no fourth spraying. In comparison with the second variation, the percentage of wormy apples in the crop of the first variation was three

Card : 2/3

USSR/General and Special Zoology. Insects. Injurious In- P  
sects and Ticks. Pests of Fruit and Berry Crops

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 49654

times less, the percentage of damaged fruit by larvae of the *Tinetocora scellana* F. was lower and the income from one hectare was increased by 4808 rubles. -- A.P. Adrianov

Card : 3/3

CATEGORY : GENERAL & SPEC. ZOOLOGY, INSECT.  
SUBJECT : Insect and Mite Fauna.  
ABS. JOUR: Ref Zhur - Biologiya, No. 4, 1959, No. 12120  
Author : Zetsenko, L.H.  
INST. :  
TITLE : On the system of protection of apple orchards.

ORIG. PUB: Vashchita rast et vredit. i belozhny, 1958, No. 2, 32-34

ABSTRACT: The primary sections of the system are in orchards. There is a quarterly systematic inspection of orchards. Diagnostic aid is provided (as a reference point). Insecticides are present as well as various other measures for plant care. Prophylactic measures are not used. It is recommended that an emulsion of DDT (1%) or hexachlorocyclopentadiene (1%) or DDT solution (1%) be used for spraying, and that an area which has been seriously damaged

CARD : 1/3

CATEGORY : GENERAL & SPEC. ZOOLOGY, INSECT.  
SUBJECT : Insect and Mite Fauna.  
ABS. JOUR: Ref Zhur - Biologiya, No. 4, 1959, No. 12120

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB:

ABSTRACT: The primary sections of the system are in orchards. There is a quarterly systematic inspection of orchards. Diagnostic aid is provided (as a reference point). Insecticides are present as well as various other measures for plant care. Prophylactic measures are not used. It is recommended that an emulsion of DDT (1%) or hexachlorocyclopentadiene (1%) or DDT solution (1%) be used for spraying, and that an area which has been seriously damaged

CARD : 1/3

ZOTSENKO, L.N.; VERDEREVSKIY, D.D., prof., zaslužennyy deyatel' nauki  
Moldavskoy SSR.

Raise the standards of the Counting and Forecasting Service to  
meet modern needs. Zashch. rast. ot vrad. i bol. 3 No.4:36-37  
J1-Ag '58. (MIRA 11:9)

1. Direktor Moldavskoy stantsii zashchity rasteniy (for Zotsenko).  
(Plants, Protection of)

ZOTSENKO, L.N., kand.sel'skokhozyaystvennykh nauk (Kishinev)

Zonal system in the protection of orchards. Zashch.rast.ot vred. i  
bol. 3 no.2:32-34 Mr-Ap '58. (MIRA 11:4)  
(Fruit--Diseases and pests)

ZOTSENKO, L.N., kand. sel'skokhoz. nauk; STARETS, V.A.

Aerosols in controlling the codling moth. Zashch. rast. ot vred.  
i bol. 7 no.12:29-31 D '62. (MIRA 16:7)

1. Moldavskiy filial Vsesoyuznogo instituta zashchity rasteniy,  
Kishinev.

(Spraying and dusting in agriculture)  
(Codling moth—Extermination)

ZOTSENKO, L.N., kand.sel'skokhoz.nauk

Controlling the codling moth. Zashch.rast.ot vred.i bol. 7  
no.5:39-40 My '62. (MIRA 15:11)  
(Codling moth--Extermination)

ZOTSENKO, L.N.

Tasks of science. Zashch. rast. ot vred. i bol. 7  
no.7:1-3 JI '62. (MIRA 15:11)

1. Zamestitel' nachal'nika otdela nauchno-issledovatel'skikh  
uchrezhdeniy Upravleniya propagandy i vnedreniya peredovogo  
opyta Ministerstva sel'skogo khozyaystva SSSR.  
(Plants, Protection of)



ZOTSENKO, N.P. (Leningrad)

A rare case of combined congenital heart defect (pentad of Fallot) with chronic nephritis. Klin.med. 36 no.4:126-127 Ap'58 (MIRA 11:5)

1. Iz kafedry terapii dlya usovershenstvovaniya vrachey (nach. prof. P.I. Shilov) Voenno-meditsinskoy ordena Lenina akademii ineni S.M. Kirova.

(TETRALOGY OF FALLOT, complications  
pentad of Fallot with chronic nephritis (Rus))  
(NEPHRITIS, case reports  
same)



ZINCHENKO, A. V., ZOTSENKO, N. V.

Horse Breeding

Some reports on the work of the station of artificial insemination of horses  
of the Poltava State Stables, Konevodstvo No. 4, 1952

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

ZOTTA, Benone

In the Suceava region. St si Teh Buc 16 no.6:9-11 Je '64.

DANIELESCU, A., ing.; ZOTTA, Ruxandra, ing.; PESCARU, O., ing.

Casting the valve seats and stellite electrodes. Metalurgia constr  
mas 13 no.12:1076-1077 " '61.

ZOTTA, V., farm. dr.; GASMET, Ana, farm.

Research on the series of 1,2,4- triazoles. Pt.1. Farm Rura 11 no.12:  
731-738 D '63.

4  
ROMANIA

ZOTIA, V., MD, Pharmacist; SERPER, Ana, Pharmacist; POPESCU, Margareta,  
Pharmacist; HOCIUNG, Jana, Pharmacist; GANMET, Ana, Pharmacist.

Bucharest, Farmacia, No 7, Jul 63, pp 403-409

"Research on the N-methylpiperazine series. V. Synthesis of Certain  
Acyl Derivatives Acting upon the Central Nervous System."

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ROMANI.

ZOTIA, V., MD, Pharmacist; LEAPAR, Ana, Pharmacist; POMESCU, Margareta,  
Pharmacist; HOCIUNG, Jana, Pharmacist; GASMET, Ana, Pharmacist.

Bucarest, Farmacia, No 7, Jul 63, pp 403-409

"Research on the N-methylpiperazine series. V. Synthesis of Certain  
Acyl Derivatives Acting upon the Central Nervous System."



ROMANIA

ZOTTA, V., MD, Pharmacist; GASMET, Ana, Pharmacist.

Bucharest, Farmacia, No 12, Dec 63, pp 731-733

"Investigations on the 1, 2, 4,-Triazol Series. I. Synthesis  
of Some Triazol Mercaptoacetic Acid Hydrazides."

*Zotta, V.*

FUSCARU, E.  
BUCURESTI (in cepe); Given Name

Country: RUMANIA

Academic Degree: Conf.

Affiliation: \*)

Source: Bucharest, *REVENAIA*, No 6, 1961, pp 345-350.

Data: "Studies on the N-methyl Series of Piperazine. II. Ureanic Acid Derivatives."

Co-authors:

ZOTTA, V., Dr.

SERPER, Ana, Pharmacist

POPESCU, Margareta, Pharmacist

HOCIUNG, Jana, Pharmacist

GASNET, Ana, Pharmacist

SPATARU, Rodica, Pharmacist

\*) Work carried out at the Pharmaceutical Chemical Laboratory of the Faculty of Pharmacy (Laboratorul de Chimie Farmaceutica al Facultatii de Farmacie), Bucharest.

MAVRODIN, R., ZOTTA, V., VORLE-STICERESCU, M., OLLERO, D.

Untersuchungen aus der Gruppe der Sulfone (IV) Neus Sulfon-Hydrazid-Derivate.

SO: Pharmazeut Zent, September 1956, Unclassified.

2077R, V.

1. The main portion of the report, "Investigations of the ...", pp. 1-10.
2. The portion of the report, "The ...", pp. 11-15.
3. Investigations in the ... (pp. 16-20).  
Investigations in the ... (pp. 21-25).  
Investigations in the ... (pp. 26-30).  
Investigations in the ... (pp. 31-35).  
Investigations in the ... (pp. 36-40).  
Investigations in the ... (pp. 41-45).  
Investigations in the ... (pp. 46-50).  
Investigations in the ... (pp. 51-55).  
Investigations in the ... (pp. 56-60).  
Investigations in the ... (pp. 61-65).  
Investigations in the ... (pp. 66-70).  
Investigations in the ... (pp. 71-75).  
Investigations in the ... (pp. 76-80).  
Investigations in the ... (pp. 81-85).  
Investigations in the ... (pp. 86-90).  
Investigations in the ... (pp. 91-95).  
Investigations in the ... (pp. 96-100).
4. Investigations in the ... (pp. 101-105).  
Investigations in the ... (pp. 106-110).  
Investigations in the ... (pp. 111-115).  
Investigations in the ... (pp. 116-120).  
Investigations in the ... (pp. 121-125).  
Investigations in the ... (pp. 126-130).  
Investigations in the ... (pp. 131-135).  
Investigations in the ... (pp. 136-140).  
Investigations in the ... (pp. 141-145).  
Investigations in the ... (pp. 146-150).  
Investigations in the ... (pp. 151-155).  
Investigations in the ... (pp. 156-160).  
Investigations in the ... (pp. 161-165).  
Investigations in the ... (pp. 166-170).  
Investigations in the ... (pp. 171-175).  
Investigations in the ... (pp. 176-180).  
Investigations in the ... (pp. 181-185).  
Investigations in the ... (pp. 186-190).  
Investigations in the ... (pp. 191-195).  
Investigations in the ... (pp. 196-200).
5. "Investigations of the ...", pp. 201-205.
6. "On the ...", pp. 206-210.
7. "Sodium Picarbonate Preparation", pp. 211-215.

(32)

20TTA, U.

38

Bucharest, Paracet., Vol. X, No. 6, Apr 1962

(57)

1. "Spacing and its Importance in Pharmacology," Part A. Summary, Part B. Review and Part A. Summary; pp 191-207.
2. "Investigations in the Pharmacology of the Thiazole Derivatives Having an Antihistaminic Action," Part A. Summary, Part B. Review and Part A. Summary; pp 208-222.
3. "Contributions to the Study of the Stability of Chiral Pyrazole and Sulfonamide Derivatives," Part A. Summary and Part B. Review; pp 223-227.
4. "On the Antituberculous Activity of Certain Thiazole Derivatives of the 5-Substituted-1,3,4-Oxadiazole Series (Part II)," Part A. Summary, Part B. Review and Part A. Summary; pp 228-232.
5. "Study of the Antituberculous Action of Certain New Thiourea Derivatives (I. 5-Substituted-1,3,4-Oxadiazole Series)," Part A. Summary, Part B. Review and Part A. Summary; pp 233-237.
6. "Study of certain Excipients for Various Caloric Substances with a Prolonged action," Part A. Summary, Part B. Review and Part A. Summary; pp 238-242.
7. "Contribution to the Study of the Copolymer Content of Various Phlores," Part A. Summary and Part B. Review; English summary; pp 243-247.

— 1/2 —

PROCEEDINGS AND EXPERIMENTAL WORK

ca

119

Metabolism of blood glucose in experimental trypanosomiasis. G. ZOTTA and R. MADACOVICI. *Arch. Roumaines path. exptl. med. veter.* 2, 56(1959). *Roum. Agr. med. vet.* 53, 65(1931).—Exptl. studies with guinea pigs in Nagana showed no definite relation between hyperglycemia and the nos. of trypanosomes present in the blood. It is believed that the hyperglycemia in trypanosomiasis is due to a disturbance of the central glyco-regulating mechanism in the body. C. R. LACROIX. Cholesterol content, glucose and h. of blood etc.

ADD 31.4 METABOLICAL LITERATURE CLASSIFICATION

CLASSIFICATION	INDEX	DESCRIPTION	REMARKS
U	1		
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USSR/Metallurgy - Lead Conservation, Patenting

"Patenting of Steel Wire in Salt and Alkaline Baths," A. Zot'yev, Cand Tech Sci

Za Ekon Materialov, No 4, pp 74-76

Stating that literature on fabrication and heat treatment of wire mentions Pb as only material used in patenting, discusses experience of "Krasnaya Etna" plant using salts for this purpose. Successful application of salts is based on factor, established in investigations, that temp of salt baths has to be raised 50-70° over temp of lead baths, not lowered, as suggested by literature. States that mech properties of wire patented in salts are no lower than those of lead-patented wire.

Source #264T65

ZOT'EV, A. I.

Steel, Automobile

Selecting steel for the cold forging of automobile and tractor parts. Avt. trakt. prom.  
no. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.



*2077/111*  
Annealing steel in saline baths with electrode heating. Vest. mash. 33 no.  
5:43-46 My '53. (MLRA 6:5)  
(Steel--Heat treatment)

**ZOT'YEV, A.I., kandidat tekhnicheskikh nauk.**

On creating an All-Union State Standard for cold upsetting steel.  
Standartizatsiia no.5:46-53 S-0'54. (MIRA 8:2)

1. Zavod "Krasnaya Etna".  
(Steel--Specifications)

Zot'ev, A. I.

USSR/Engineering-Gold stamping

Card 1/1 : Pub. 128-29/33

Authors : Zot'ev, A. I., Cand. Tech. Sci.

Title : For broader introduction of progressive methods of cold forging and stamping

Periodical : Vest. mash. 34/8, 96-99, Aug 1954

Abstract : An account is given of a discussion at a conference of the **SESSION** in the city of Gorkiy (8-10 Jan. 1954) of the problems confronting the introduction of cold forging and stamping for making parts, instead of machining. The problems were the lack of equipment and experience, poor quality of metal, and amount of scrap produced. The use of stamping processes are urged due to the increased benefits on production.

Institution : .....

Submitted : .....

ZOT'YEV, A.I., kandidat tekhnicheskikh nauk, redaktor; SOKOLOVA, Ye.A.,  
redaktor; ZAKHAROV, K.A., tekhnicheskiiy redaktor

[New methods of heat treatment in fused salts and alkalies; a  
collection of articles] Noveye metody termicheskoi obrabotki v  
rasplavlennykh soliakh i shchelochakh; sbornik statei. Pod red.  
A.I.Zot'eva. [Gor'ki] Gor'kovskoe kn-vo, 1955. 254 p. (MLRA 9:9)

1. Vsesoyuznoye nauchno-tekhnicheskoye obshchestvo mashinostroitel'-  
noy promyshlennosti. Gor'kovskoye oblastnoye otdeleniye.  
(Steel--Heat treatment)

ZOT

APPROVED FOR RELEASE: Thursday, September 26, 2002

CIA-RDP86-00513R002065510009-3  
APPROVED FOR RELEASE: Thursday, September 26, 2002  
CIA-RDP86-00513R002065510009-3"

USSR / [unclear] [unclear] [unclear]

Card [unclear] [unclear] [unclear]

Authors [unclear] [unclear] [unclear]

[unclear] [unclear] [unclear] [unclear] [unclear] [unclear] [unclear] [unclear] [unclear] [unclear]

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[unclear] [unclear] [unclear] [unclear] [unclear] [unclear] [unclear] [unclear] [unclear] [unclear]

Submitted [unclear] [unclear]

ZOT'YEV, A.I., kandidat tekhnicheskikh nauk.

Investigating temperature distribution in salt and lead baths used  
in wire patenting. Metiz.proizv. no.1:49-57 '56. (MLBA 10:2)  
(Wire) (Furnaces, Heat-treating)





ZOT'YEV, A.I., kand.tekhn.nauk, red.; BOL'SHAKOV, G.P., inzh., red.; VIATKIN, V.P., kand.tekhn.nauk, red.; VASIL'YEV, M.H., inzh., red.; YEREMKIN, A. P., inzh., red.; IVAKIN, I.Ya., inzh.; red.; MATVEYEV, I.B., kand.tekhn.nauk, red.; MAR'YANCHIK, M.A., inzh., red.; NOVICHKOV, P.V., inzh., red.; PEREVOZCHIKOV, B.S., inzh., red.; PODREZ, S.A., inzh., red.; RUBNENKOVA, L.V., red.; UKHANOV, V.N., red.; CHUDAKOV, P.D., kand.tekhn.nauk, red.; STEPANCHENKO, M.S., red.isd-va; SOKOLOVA, T.F., tekhn.red.

[Investigation and design of drop forging and die stamping machinery]  
Issledovaniia i raschety mashin kuznechno-shtampovochnogo proizvodstva.  
Pod red. A.I.Zot'eva. Moskva, Gos.nauchno-tekhn.isd-vo mashinostroit.  
lit-ry. Vol.1. 1959. 233 p. (MIRA 13:4)

1. Eksperimental'nyy nauchno-issledovatel'skiy institut kuznechno-pressovogo mashinostroyeniya.  
(Forging machinery)

TABLE I BOOK ILLUSTRATIONS 307/3710

Experimental'ny mausho-issledovatel'skiy Institut kuznetsovo-pressovogo maushino-stroyeniya  
Izdatel'stvo i rezhya mashin kuznetsovo-otpravochek protivodstva (Stalis and Calculations of Boring and Shaping Machinery) Moscow, Masgiz, 1959.  
231 p. (Series: 1st; Series 1) Prints also inserted. 6,000 copies printed.

Sponsoring Agency: USSR. Gosstatizvestiya i mashino-stroyeniya.

M. I. A. I. Zol'tsev, Candidate of Technical Sciences; M. of Publishing House: E. S. Stepanchenko; Tech. Ed.: V. Sokolova; Managing Ed. for Literature: M. P. Kul'shakov; Engineer; V. P. Vyshtin, Candidate of Technical Sciences; S. P. Kuznetsov, Engineer; A. P. Kravchik, Engineer; I. E. Mavryayev, Candidate of Technical Sciences; M. A. Mur'yanchik, Engineer; P. V. Novichikov, Engineer; S. A. Podvay, Engineer; L. A. Podvay, Engineer; L. V. Ruzhnikov, Engineer; P. I. Shchegolev, Candidate of Technical Sciences; and A. I. Zol'tsev.

PURPOSE: The book is intended for technical personnel and scientific workers in the metal-forming industry.

CONTENTS: This collection of 12 articles deals with current research on metal-forming operations. The design of operations of press-forming machinery, and stresses and force analysis in punch-die operations. So previous articles are mentioned. References follow each article.

TABLE OF CONTENTS:

Mikhail G. I. [Engineer]. Calculation of Springs of Friction-Disk  
201

The author presents a method of designing the optimum parameters of a disk-spring for the case where the brake efficiency (braking capacity) depends on the coefficient of friction of the lining material used. In solving these design problems, the parameters of a spring as a function of its geometry and material properties are given. The method of calculating such basic parameters of a brake spring as dimensions and rigidity modulus (spring deflection) is given. This method allows for spring deformation in addition to the usual allowance for load displacement.

Shchegolev P. I. and I. E. Mavryayev [Engineers]. Ultrasonic Flaw  
205

Detection in Fillet and Corner Welds Made by Mechanical and Electrodeposited Methods  
The article deals with problems of ultrasonic defectology. A new method of ultrasonic flaw detection in fillet and corner welds on steel plates is suggested. The essence of this method is the measurement of the resonance frequency of the fillet and corner welds on the plate as the "resonator" in a detection system similar to the weld. The relative error in this method does not exceed 15 percent. A formula for calculation is presented. The flaw-detection apparatus (UD-73) described in the article was designed at the Institute of Mechanical Engineering of the Academy of Sciences of the USSR. Ultrasonic vibration frequencies were selected to 2.5 m. The waves from the piezoelectric transducer through the steel plate in the immediate vicinity of the weld and check the quality of the seam with best contact-brushing. Reference is also made in the article to the fillet and corner welding of plates up to 100 mm thick at the ultrasonic wave frequency. The plates are used for items and ball elements of forging presses.

Zol'tsev M. I. [Candidate of Technical Sciences], and D. Ye. Pobodinsky [Engineer]. Investigation of Strainage and Wear of Cold-Setting Dies  
209

The authors discuss strainage and die-wear phenomena in the cold setting of complex-shaped upset forgings. Data on several types of forged-made upsetting dies, including those with carbide inserts, are presented in tables which also show the die layout and the type of steel used. Data on carbide inserts and on heat-treatment regimes are also presented in tables.

ZOT'YEV, A.I., kand.tekhn.nauk; POBEDINSKIY, D.Ye., inzh.

Investigating the strength of tools for cold upsetting. [Nauch.  
trudy] ENIEMASHa 1:209-221 '59. (MIRA 14:1)  
(Forging machinery)

SOV/137-57-1-1007

Translation from: Referativnyy zhurnal. Metallurgiya, 1957, Nr 1, p 129 (USSR)

AUTHOR:    Zot'yev, A. I.

TITLE:    Technological Parameters of Isothermal Quench-hardening of Steel-wire Patenting in Molten Salts (Tekhnologicheskiye parametry izotermicheskoy zakalki stal'noy provoloki--patentirovaniye v rasplavlennykh solyakh)

PERIODICAL: V sb.: Novyye metody term. obrabotki v rasplavlennykh solyakh i shchelochakh. Gor'kiy, Knigoizdat, 1955, pp 172-196

ABSTRACT: A brief survey of technical literature dealing with processes of patenting. Isothermal transformation curves of austenite (based on data from the technical literature) are given for steels of the types 35, 45, 50, S-65, 65-T, 65-G, U-8, and U-9. Formulae are presented which make it possible to determine the optimal temperature of the salt bath and the length of time during which the wire must remain in the bath. The salts and alkalies employed in the patenting process have the following composition: 100% NaNO<sub>3</sub>; (70-80)% NaNO<sub>3</sub> + (20-30)% KNO<sub>3</sub>; (70-90)% NaOH + (10-30)% NaNO<sub>3</sub>; 100% NaOH, etc. The employment of melts composed of NaOH

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SOV/137-57-1-1007

Technological Parameters of Isothermal Quench-hardening of Steel-wire (cont.)

and KOH is not desirable in view of the hazards involved in handling of these alkalis, their high cost, and their limited availability. Various methods of continuous heating employed in the course of patenting of wire in salt baths are described. A diagram of an apparatus employed for heating and cooling of wire in salt baths is shown, and tables of mechanical and technological properties of wire patented by this process are given. A novel method of continuous heating was developed and adopted in which the rate of heating was increased by 6-7 times and which, owing to the extremely uniform heating of the wire, imparts excellent mechanical properties to the finished wire. Bibliography: 31 references.

A. M.

Card 2/2

124-58-6-7136

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 6, p 118 (USSR)

AUTHOR: Zot'yev, A. I.

TITLE: On the Residual Deformations in Steel Springs as a Function of the Heat Treatment of the Wire (Ob ostatochnykh deformatsiyakh stal'nykh pruzhin v zavisimosti ot termicheskoy obrabotki provoloki)

PERIODICAL: V sb.: Vopr. proyektir., izgotovleniya i sluzhby pruzhin. Moscow-Leningrad, Mashgiz, 1956, pp 183-208

ABSTRACT: Bibliographic entry

1. Springs--Deformation
2. Springs--Heat treatment

137-58-4-7656

Translation from: Referativnyy zhurnal. Metallurgiya. 1958, Nr 4, p 185 (USSR)

AUTHOR: Zot'yev, A. I.

TITLE: Combined Low-temperature Cyaniding and Sulfidation of a Tool  
(Sovmeshcheniye nizkotemperaturnogo tsianirovaniya instrumenta s sul'fidirovaniyem)

PERIODICAL: V sb.: Materialy nauchno-tekhn. konferentsii rabotnikov zavodsk. laboratorii. Rostov-na-Donu, 1957. pp 23-40

ABSTRACT: The composition of baths for simultaneous cyaniding (C) and sulfide processing (S) of a tool at  $550 \pm 10^{\circ}\text{C}$  was investigated. It was found that the best additive for an S bath containing mainly NaCN (the composition and percentage contents of other salts is not indicated) is 5 percent  $(\text{NH}_4)_2\text{SO}_4$  by weight. The fluidity of the bath is not reduced thereby, and the rate of formation of the active component NaCNO rises approximately 8-fold by comparison to that of a bath without added  $(\text{NH}_4)_2\text{SO}_4$ . Within 1 hour after fusion, the amount of NaCNO is 5.9 percent of the total, and after 15 hours it is 47 percent. After Nr 10 steel has been subjected to C and S, a bright carbonitride layer with a hardness of appx. 750  $\text{kg}/\text{mm}^2$  is seen after 1.5-2 hours (thickness appx. 0.01 mm), and

Card 1/2

137-58-4-7656

### Combined Low-temperature Cyaniding and Sulfidation of a Tool

a thin layer of FeS and FeS<sub>2</sub> forms at the surface. Specimens of Kh12F1 steel also showed a thin cyanided layer of elevated hardness (appx. 420 kg/mm<sup>2</sup>). C and S at 550±10° for 5-20 min in an electrode bath of the composition indicated is now used in the production of tools from R18 steel after hardening and three-fold tempering (also at 550±10°). The strength of taps made in this way was 1.7 to 2.6 times as great as those cyanided in the ordinary way, while milling cutters were 1.7 times as strong and drills 1.9 times. The bath continues active until the cyanide content is 14 percent and (NH<sub>4</sub>)<sub>2</sub> SO<sub>4</sub> is 0.17 percent.

- A. S.
- 1. Steel--Hardening--Materials
  - 2. Steel--Hardening--Processes
  - 3. Sulfides
  - 4. Cyanides--Applications



207 YEV, Yu  
MINKEVICH, A.N., kandidat tekhnicheskikh nauk; TAYMER, A.D., inzhener: ~~ZOT'YEV~~  
Yu.A., inzhener.

Nitriding titanium in ammonia gas. Metalloved. i obr.nst.no.7:39-48 J1  
'56. (MIRA 9:9)

1.Moskovskiy institut stali imeni I.V.Stalina.  
(Cementation (Metallurgy)) (Titanium)



APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510009-3

18(6), 18(7)

AUTHORS:

Savitskiy, Ye. M., Tylkina, M. A.,  
Zot'yev, Yu. A.

SOV/78-4-3-34/34

TITLE:

The Phase Diagram Rhenium - Titanium  
(Diagramma sostoyaniya sistemy reniy-titan)

PERIODICAL:

Zhurnal neorganicheskoy khimii, 1959, Vol 4, Nr 3, pp 702-704  
(USSR)

ABSTRACT:

The system rhenium - titanium was investigated by the method of metallographical analysis and X-ray analysis. Melting point, electric resistance and hardness of the alloys were determined. As initial materials titanium and rhenium with a purity of 99.8% were used. On the basis of investigations an orientation phase diagram of the system was plotted. In the system solid solutions of rhenium occur in  $\beta$  titanium which spread up to 80 wt% rhenium. At 95 wt% rhenium (82.5 atom%) the chemical compound  $Re_{24}Ti_5$  is formed. This compound is brittle and the hardness amounts to 1800-2000 kg/mm<sup>2</sup>. The solubility of titanium in rhenium amounts to several %. By means of microscopic and X-ray analysis and the dilatometric investigation of the alloys rich in titanium the limit of the phase ranges  $\alpha$ ,  $\alpha + \beta$  and  $\beta$

Card 1/2

FRATUSEVICH, R.N.; LEYBOVA, N.H.; ZOTLYEVA, A.S.

Increasing the durability of the gear wheels of machine tools. Stan.  
1 Instr. 36 no.5:12-15 My '65. (MIRA 18:5)

S/0129/64/000/004/0046/0047

ACCESSION NR: AP4030672

AUTHOR: Kalashnikova, M. I.; Zot'yeva, A. S.

TITLE: Accelerated nitridation by high frequency currents

SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 4, 1964, 46-47

TOPIC TAGS: high frequency nitridation, heating, accelerated nitridation, high frequency current, steel nitridation

ABSTRACT: The purpose of this study was to find why nitridation of steel is accelerated by heating with HF currents. A sample was heated by: a) a 200000 cycle tube generator, b) 7680 c. machine generator, c) a resistance coil and d) in a furnace. While the first 3 methods gave identical results for the same nitridation time (5hrs), furnace heating was slower and required 8 hrs for the same degree of hardening. The conclusion is that any frequency or any method of heating where cold ammonia gas reacts with the heated specimen is preferable to heating the gas itself, as is the case in the furnace. On contact with the heated specimen, ammonia dissociates and elementary nitrogen of high activity nitridizes the metal. In a furnace the whole ammonia volume dissociates and the metal surface is

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ACCESSION NR: AP4030672

contacted by ammonia and its dissociation products with much less active nitrogen capable of nitridation. Both high frequency heating or passing of current from a welding transformer through the specimen achieve optimum conditions of nitridation. Orig. art. has: 2 figures, no formulas, 1 table.

ASSOCIATION: ENIMC

SUBMITTED: OO

INCL: CO

SUB CODE: MM

NO REF SOV: 003

OTHER: 000

Card 2/2

ZOT'YEVA, A. S.; KALASHNIKOVA, M. I.; RUBINA, Ye.E.; SUL'MENOVA, Ye.M.

Hardening lead screws by nitriding. Stan. i instr. 35 no.5:37-38  
My '64. (MIRA 17:7)



ZOUBAROWSKI, W. M.

"Condensation de l'isatine avec les phenols I. Isatine et a-naphthol." Gabel, J. O. et Zoubarowski, W. M. (p. 305)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii). 1937, Volume 7, No. 2.

ZOUBEK, F.

"Two-shift work in the winter plowing."

MECHANICACE ZEMEDĚLSTVI, Praha, Czechoslovakia, Vol. 5, No. 20 October 1955.

Monthly List of East European Accessions (EEAI), LC, Vol. 9, No. 9, September 1959.

Unclassified.

ZOUBEK, F.

Preparations of the tractor brigade in Synbenice for the winter operations. p.306

MECHANISACE ZEMEDELSTVI. (Ministerstvo zemedelstvi) Praha

Vol. 5, no. 16, Aug. 1955

East European Accessions List

Vol. 5 No. 1

Jun. 1956

BERNAT, P.; BRZEK, A.; DEDEK, V.; ZOUBEK, J.

Changes in the motor activity after pentazole administration in irradiated rats under the influence of phenobarbital inhibition. Cesk. fysiол. 9 no. 4:375 JI '60.

1. Farmakologicky ustav lek. fak. KU, Hradec Kralovc.  
(PENTYLENETETRAZOLE pharmacol.)  
(PHENOBARBITAL pharmacol.)  
(RADIATION INJURY exper.)  
(MOVEMENT physiол.)

ZOUBEK, J.

Zoubek, J. Drive for spinning machinery for synthetic yarn. p. 158.  
ELEKTROTECHNIK. Praha. Vol. 10, no. 5, May 1955.

SO: Monthly List of the East European Accession, (EEAL), LC. Vol. 4,  
no. 10, Oct. 1955. Uncl.

ZOUBEK, Josef, inz. (Prague)

Surface treatment by plastics in the wood industry. Tech prace  
16 no. 12:946-948 D '64.

"Rotating amplifiers and their use."  
Elektrotechnik, Praha, Vol 9, No 1, Jan 1954, p. 3

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lit. of Congress

ZOURCK, J.

Drive for spinning machinery for synthetic yarn. p. 198.  
ELEKTROTECHNIK, Praha, Vol. 10, no. 5, May 1955.

SO: Monthly List of East European Accessions, (MEAL), LC, Vol. 4, no. 10, Oct. 1955,  
Uncl.



ZOUBEK, S.

Mining delegates begin work in the new National Assembly, p. 31,  
UHLI (Ministerstvo paliv a energetiky) Praha, Vol. 5, No. 1, Jan 1955

SOURCE: East European Accessions List (EEAL) Library of Congress,  
Vol. 4, No. 12, December 1955

ZOUBEK, V.

"The border line between gemerides and verporides."

p. 38. (Chesky Lid., Vol 10, No. 3, 1958, Prague, Czechslovakia)

GEOGRAPHY & GEOLOGY

Monthly Index of East European Accessions (EEAI) LC, Vol 7, No. 12, Dec 58

HLOUCAL, L., Doc. Dr.; ZOUBEK, V., Dr.; ZACEK, K., Dr.

Meningoencephalitis caused by mumps virus. Cas. lek. cesk. 93  
no. 40-41:1102-1107 8 Oct 54.

(MENINGOENCEPHALITIS, etiology and pathogenesis  
mumps diag. & ther.)

(MUMPS, complications  
meningoencephalitis, diag. & ther.)

ZOUBEK, V.

HLOUCAL, L; ZOUBEK, V.

New cases of trichinellosis in Strakonice. Prakt. lek.,  
Praha 32 no.5:106-109 5 Mar 1952, (CLML 22:2)

1. Of the Internal and Infectious Departments of State Regional  
Hospital in Strakonice.

ZOUBEK, Z.; KABELIK, J.

Effect of speed on the steady-state short-circuit current of synchronous alternators. p. 486. ELEKTROTECHNICKY OZOR. (Ministerstvo strojirenstvi a Ministerstvo paliv a energetiky) Praha. Vol. 43, no. 9, Sept. 19 54

SOURCE: East European Accessions List, Vol. 5, no. 9, Septembe 1956

KYRAL, V.; KOMRSKA, M.; PROCHAZKA, Z.; ZOUBEK, R.

Experiences with clinical electromyography of the oculomotor muscles. *Cesk. oftal.* 19 no.6:383-388 N°63.

1. Neurologická klinika lékařské fakulty KU v Hradci Králové (prednosta prof. dr. M. Sercl, DrSc.) a Oční klinika lékařské fakulty KU v Hradci Králové (prednosta prof. dr. M. Klíma).

\*

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