

ALEKSEYEV, Yakov Yakovlevich (1884-1950); VALIKOVA, K., red.;
FILIPPENKOVA, M., tekhn. red.

[Classification key to plants in Smolens Province and adjacent
provinces] Opredelitel' rastenii Smolenskoj i svezhrykh s nei
oblastei. Izd.3. Smolensk, Smolenskoe knizhnoe izd-vo. 1961.
414 p. (MIRA 15:8)
(Smolensk Province--Botany)

BOROKHOV, Aleksandr Isaakovich; VALIKOVA, K., red.; SAKHONENKO, Ye.,
tekhn. red.

[Clinical aspect of the chronic nonspecific inflammatory and
sclerotic process within the lungs] Klinika khronicheskogo ne-
spetsificheskogo vospalitel'no-skleroticheskogo protsessa v
legkikh. Smolensk, Smolenskoe knizhnoe izd-vo, 1962. 258 p.
(MIRA 16:3)

(LUNGS—DISEASES)

SHKOL'NIK, Grigoriy Aronovich; VALIKOVA, K., red.

[Naturalists and our fellow countrymen; biographical sketches of outstanding Russian scientists] Nashi zemliaki-estestvoispytateli; biograficheskie ocherki o vydaiushchikhsia deiateliakh otechestvennoi nauki. Smolensk, Smolenskoe knizhnoe izd-vo, 1963. 17. p. (MIRA 17:7)

POGULYAYEV, Daniil Ivanovich, prof.; SHOST'INA, Ariadna
Aleksandrovna; VALIKOVA, K., red.; VORONKOVA, N.,
tekhn. red.

[Nature and physico-geographical (natural) regions of
Smolensk Province] Priroda i fiziko-geograficheskie
(prirodnye) raiony Smolenskoj oblasti. Smolensk,
Smolenskoe knizhnoe izd-vo, 1963. 127 p. (MIRA 16:11)

1. Moskovskiy gosudarstvennyy universitet (for Shost'ina).
(Smolensk Province--Physical geography)

Plant Physiology

BULGARIA

VAKLINOVA, S., BAKURDJIEVA, N., Institute of Plant Physiology, Bulgarian Academy of Sciences

"Effect of Mn, Ni, and Cu on the Oxidation of Hydroxylamine in a Chloroplast Suspension"

Sofia, Doklady Bolgarskov Akademii Nauk, Vol 19, No 12, 1966, pp 1183-1186

Abstract: [English article] Past investigations of the oxidation of hydroxylamine by isolated chloroplasts have established (see, e.g., S. Vaklinova et al., Compt. rend. Acad. bulg. Sci., 17, 1964, No 11) that when a chloroplast suspension is illuminated, hydroxylamine oxidizes to nitrites and that this process is connected with the absorption of molecular oxygen by the air. It is of interest to establish the effect of certain trace elements on the reaction of hydroxylamine photooxidation in chloroplast suspensions. For that purpose use was made of Mn and Cu, which are known to participate in the transfer of electrons, as well as of Ni about which data are scanty. Cu^{2+} , Ni^{2+} , and Mn^{2+} were given in the form of sulfates, and Mn^{2+} as KMnO_4 . Chloroplasts of broad beans, isolated in a phosphate buffer with pH = 6.8, were used in the experiments. Different quantities of the corresponding trace element were added to a determined volume of suspension. Hydroxylamine was then added, and the suspension was illuminated for 15 minutes. Experiments show that manganese, copper, and

1/2

BULGARIA

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 12, 1966, pp 1183-1186

nickel ions produce a substantial effect on the reaction of hydroxylamine photooxidation. It is characteristic that each of the element participates in the reaction in a specific manner. Whereas manganese takes part more directly, copper requires a combination with some enzyme system. All three elements are active donors of electrons, competitors of hydroxylamine. The inhibition of the photooxidation reaction of hydroxylamine is indirect proof that manganese, copper, and nickel oxidize in a suspension of isolated chloroplasts when illuminated. References: 4 Bulgarian, 1 Soviet, and 5 Western. (Manuscript received, 2 Jul 66.)

BULGARIA

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 12, 1956, pp 1187-1190

synthesis of protein and the accumulation of dry matter and inhibits the processes of cell division. The greatest absolute yield of biomass is obtained from *Scenedesmus* grown in urea nitrogen, followed by nitrate nitrogen. References: 3 Bulgarian, 2 Soviet, and 2 Western. (Manuscript received, 2 Jul 66.)

BULGARIA

VAKLINOVA, S., NIKOLOVA-TSENOVA, E., ANGHELOVA, S., Institute of Plant Physiology, Bulgarian Academy of Sciences

"Effect of Ferredoxine on Hydroxylamine Photooxidation in Isolated Chloroplasts

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 12, 1966, pp 1191-1194

Abstract: [English article] Earlier investigations indicated (S. Vaklinova, Compt. rend. Acad. bulg. Sci., 17, 1964, No 3, 282) that hydroxylamine (HA) oxidizes to nitrite in a suspension of chloroplasts and their fragments under the influence of light. Recently, the role of protein containing iron in a nonchemical form and with a redox potential ($E_0 = -0.432$ V at pH 7.5) with 100 V more negative than the redox potential of pyridinenucleotide, in primary photosynthetic reactions has become known. L. P. Mortenson et al. (Biochem. Biophys. Res. Commun., 7, 1962, p. 448) gave the name of ferredoxin (Fd) to this protein. Its role in the primary processes of photosynthesis consists in the transfer of electrons released in the primary photochemical act of NADP. Proceeding from these data the authors studied the effect of this enzyme on the intensity of HA photooxidation. For that purpose ferredoxin was isolated from a homogenate of young spinach leaves by means of strongly cooled acetone. The article describes the actual photooxidation and the isolation of chloroplasts. A comprehensive

1/2

PHASE I BOOK EXPLOITATION SOV/4793

Markov, S.S., and Ye. V. Valikova

Analiticheskiy kontrol' proizvodstva v azotnoy promyshlennosti, vyp. 12, chast' 2:
Kontrol' v tseke proizvodstva kontsentrirovannoy azotnoy kisloty metodom pryamogo
sinteza (Analytic Production Control in the Nitrogen Industry, No. 12, Part 2:
Control at the Plant for Production of Concentrated Nitric Acid by the Direct-
Synthesis Method) Moscow, Goskhimizdat, 1960. 226 p. Errata slip inserted.
2,850 copies printed.

Sponsoring Agencies: Gosudarstvennyy komitet Soveta Ministrov SSSR po khimii;
Gosudarstvennyy ordena trudovogo krasnogo znameni institut prikladnoy khimii.

Ed.: Yu. V. Lyande; Tech. Ed.: V.F. Zazul'skaya.

PURPOSE: This book is intended for workers in plant laboratories in the nitrogen
industry and other industries using concentrated nitric acid and its mixtures
with nitrogen oxides. It may also serve as a text for students of chemical tech-
nology in institutes and tekhnikums.

Card 1/5

Analytic Production Control (Cont.)

SOV/4793

COVERAGE: The authors propose a potentiometric method for the analysis of the $\text{HNO}_3\text{--N}_2\text{O}_4\text{--H}_2\text{O}$ systems based on chemical determination of the nitrogen oxide content and measurement of the oxidation-reduction potential of the solution. The values obtained in these operations are used to determine the water content of the mixture; data tables for this purpose are included. The nitric acid content of the system is calculated by the difference method. The accuracy of the water-content determination is within $\pm 0.05\text{--}0.1\%$ abs. The great advantage of this method is automatic control of the production process for concentrated nitric acid. The authors describe their method for measuring the oxidation-reduction potential of the $\text{HNO}_3\text{--N}_2\text{O}_4\text{--H}_2\text{O}$ systems, including the analysis of

intermediate and initial products of concentrated nitric acid production by direct synthesis and the analysis of pure N_2O_4 and HNO_3 . The tabular data were compiled by the authors in collaboration with Z. I. Koroleva, G. L. Antipenko, Ye. S. Beletskaya, and N.V. Deryabina. There are no references.

TABLE OF CONTENTS:

Foreword

5

Card 2/5

Analytic Production Control (Cont.)

SOV/4793

Determination of the Oxidation-Reduction Potential for the $\text{HNO}_3\text{---N}_2\text{O}_4\text{---H}_2\text{O}$ systems	7
Analysis of Concentrated Nitric Acid and "Nitrooleum" [concentrated nitric acid with a high content of nitrogen oxides]	15
Determination of the content of nitrogen oxides	15
Direct method (with N_2O_4 content below 2.0%)	17
Iron-permanganate method (with N_2O_4 content above 2.0%)	17
Determination in sampling by the gravimetric method	17
Determination in sampling by the volumetric method	19
Determination of the density of the solution	21
Determination of the water content	22
Potentiometric method	22
Determination by the density and the oxidation-reduction potential of the solution	23
Determination of nitric acid content	23
Analysis of Laminar $\text{HNO}_3\text{---N}_2\text{O}_4\text{---H}_2\text{O}$ Mixtures	23
Determination of the composition of the layers	23
Determination of the general composition of the mixture	24

Card 3/5

Analytic Production Control (Cont.)	SOV/4793	
Determination of the Content of Small Quantities of Water and NO_2 in Pure		
Pure Nitrogen Oxides and Nitric Acid by the Method of Additional	25	
Mixtures		24
Analysis of Liquid Nitrogen Oxides		25
Determination of the content of lower nitrogen oxides, nitric acid, and		25
water		

TABLES

I. "Ψ" Tables (Dependence of the Oxidation-Reduction Potential and of the Density of the HNO_3 - N_2O_4 - H_2O Systems on the Composition in the Ranges of		
0.0-50.0% N_2O_4 and 0.0-6.0% H_2O)		28
II. Temperature Coefficients of the Oxidation-Reduction Potential of the		
HNO_3 - N_2O_4 - H_2O System in the Ranges of 0.0-37.0% N_2O_4 and 0.0-5.0%		
H_2O		214
Card 4/5		

Analytic Production Control (Cont.)

SOV/4793

- III. Oxidation-Reduction Potentials of the $\text{HNO}_2\text{--O}_4\text{--H}_2\text{O}$ Systems for the Determination of Small Contents of Water and N_2O_5 in Concentrated Nitric Acid and in Pure Nitrogen Oxides by the Method of Additional Mixtures 215
- IV. Oxidation-Reduction Potentials of the Laminar Mixtures of the $\text{HNO}_3\text{--N}_2\text{O}_4\text{--H}_2\text{O}$ Systems at a Temperature Ranging From $+20^\circ$ to -5°C 216
- V. Diagrams of the Equipment 224
- AVAILABLE: Library of Congress (TP245.N8A73)

Card 5/5

JA/ark/gmp
3-27-61

MARKOV, S.S.; VALIKOVA, Ye.V.; LYANDE, Yu.V., red.; ZAZUL'SKAYA, V.F.,
tekhn.red.

[Control in the shop of the production of concentrated nitric
acid by the method of direct synthesis] Kontrol' v tsekhakh
proizvodstva kontsentrirrovannoi azotnoi kisloty metodom priamogo
sintez. Moskva, Gos.nauchno-tekhn.izd-vo khim.lit-ry, 1960
226 p. (Analiticheskii kontrol' proizvodstva v azotnoi promysh-
lennosti, no.12, 2) (MIRA 15:1)

(Nitric acid)

CA VALIKOVA-KANDAUROVA, V F.

Growth and development of some tree species with mineral fertilizers. V. P. Valikova-Kandaurova, *Doklady Akad. Nauk S.S.S.R.* 66, 845-8(1960). Mineral fertilizer (N-P-K) hastens the rate of trunk growth and of the development of the leaf system; acidic podsol soils react best in the presence of added lime. Locally mined phosphate rock was found to be essentially equiv. to superphosphate in this application, especially when combined with NH_4NO_3 . The expts. were conducted with peach, apricot, catalpa, acacia, walnut, ash, and butternut. The latter was most responsive to mineral fertilization.
G. M. Kosolajoff

VALIKOVSKAYA, I.V.; VIL'DT, Ye.O.

Coloristic characteristics of vat dyes. Izv. vys.ucheb.zav.; tekhn.-
tekst.prom. no.6:93-99 '61. (MIRA 15:1)

1. Moskovskiy tekstil'nyy institut.
(Color in textile industries)

USSR/Virology - Human and Animal Viruses.

E-2

Abs Jour : Ref Zhur - Biol., No 8, 1958, 33631

Author : Glodziyauskas, V.I., Valilevene, D.P.

Inst : -

Title : Furacidin in Cleansing Dermal Smallpox Detritus of Foreign Microflora.
(Furatsilin pro ochistke dermalnogo ospennogo detrita ot postoronney mikroflory).

Orig Pub : LietTSR Mokslu Akad, darbai, Tr. AN LitSSR, 1957, B3 (11), 179-188

Abstract : No abstract.

Card 1/1

VALILEVSKAYA, N.D.

Lower Cretaceous flora of the northern part of the Lena Basin. Dokl.
AN SSSR 108 no.5:913-915 Je '56. (MZRA 9:10)

1. Nauchno-issledovatel'skiy institut geologii Arktiki. Predstavleno
akademikom N.M. Strakhovym.
(Lena Valley--Paleobotany)

VALIL'YANOVSKAYA, O.P.

Fifteen uninvestigated variable stars. Astron. tsirk. no. 173:16-
18 0 '56. (MIRA 10:1)

(Stars, Variable)

ABDRAKHMANOVA, R.S.; VALIMUKHAMETOVA, D.A.

Dynamics of alveolar respiration under the influence of hormone therapy in patients with lung and heart diseases. Nauch. trudy Kaz. gos. med. inst. 14:339-340 '61. (MIRA 18:9)

1. Kafedra gospital'noy terapii Mosk. (nauch. sooprot. prof. K.A. Mayanskaya, nauchnyy konsul'tant -- prof. A.S. Terapilov) Kazanskogo meditsinskogo Instituta.

VALIMUKHMETOVA, D. A.

Carbon dioxide content in the arterial blood and its diffusion
in the lungs in rheumatic carditis. Report No.2. Terap. arkh.
no.9:45-49 '61. (MIRA 15:2)

1. Iz gospital'noy terapevticheskoy kliniki (dir. - prof. A. G.
Teregulov) Kazanskogo meditsinskogo instituta.

(RHEUMATIC HEART DISEASE) (RESPIRATION)
(CARBON DIOXIDE)

VALIMUKHMETOVA, D. A.

Practical value of functional load tests in oxymetry in
rheumatic carditis. Report No. 3. Terap. arkh. no.9:50-55 '61.
(MIRA 15:2)

1. Iz gospi'tal'noy terapevticheskoy kliniki (dir. - prof. A. G.
Teregulov) Kazanskogo meditsinskogo instituta.

(RHEUMATIC HEART DISEASE)
(BLOOD-OXYGEN CONTENT)

VALIMUKHAMEDOVA, D.A.

Description of the exchange ratio in the blood and lungs in
rheumocarditis. Terap.arkh 33 no.1:54-60 '61. (MIRA 14:3)

1. Iz gosspital'noy terapevticheskoy kliniki (dir. - prof. A.G.
Teregulov) Kazanskogo meditsinskogo instituta.
(RHEUMATIC HEART DISEASE) (RESPIRATION)

VALIK, Frantisek

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: /not given/

Source: Prague, Vestnik Ustredniho Ustavu Geologickeho, Vol XXXVI, No 5, June 1961, pp 351-353.

Data: "The Petrography of the Triassic Rocks in North-Eastern Bohemia."

VALIN, Frantisek

Contribution to the petrography of the Odolov formation in
the Zacler-Svatonovice basin. Vestnik ust geolog 37
no.6:459-462 N '62.

VALIN, František

Petrography of some partings (clay stones) in the Steppahian coal seams of the inner-Sudetic Depression (Hronov, Radvanice). Vest Ůst geol 38 no.1:11-21 Ja '63.

1. Ustredni ustav geologicky, Praha.

VALJH, Frantisek

Lithology of the Triassic in northeastern Bohemia. Vest. Geol.
39 no.6:459-467 W. 1964.

1. Central Geological Institute, Prague. Submitted May 11, 1964.

VALIN, L.

Ardent fighter for peace; 20th anniversary of the death of
Henri Barbusse. p. 37. RADIOAMATOR, Warszawa. Vol. 5, no. 3,
Mar. 1955.

SOURCE:

East European Acession List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956.

1. VALIN, M.
2. USSR (600)
4. Coal-handling Machinery
7. New method for installing pipe connections, Mast.ugl. 2 no. 2, 1953.

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

VALIN, V., polkovnik

What is correct? Starsh. ~~perzh.~~ no.7:31 JI '62. (MIRA 16:6)
(Nuclear fusion) (Nuclear fission)

VALINA, J.

TECHNOLOGY

Periodical: SVET MOJORU. Vol. 12, no. 26, Dec. 1958.

VALINA, J. Marking of highways with light-reflecting devices. p. 826.

Monthly List of East European Accession (EEAI) LC, Vol 8, no. 3
March 1959 Unclass.

VALINA, Joza, inz.

Suspension bridge with a triangular pylon in Cologne. Nova
technika no.12:545 D '60.

VALINA, J., inz.

Mass transportation in Budapest. Doprava no.3:103 '62.

VALIA, J., inz.

Plastic closing lines increase the safety. Doprava
6 no.6:474-475 '64.

VALINA, K., inz., dr. (Praha)

A levelling instrument with automatic horizontal adjustment. Jemna
mech opt 5 no.94283 S '60.

VALINA, K. dr.

Reduction tachymeter with vertical measuring rod. Jemma mech. tech
6 no. 7:220. JI '61

VALINA, YE.

Industrial Recreation

In the machinists' house of culture. Rabotnitsa 30 no. 5, '52.

9. Monthly List of Russian Accessions, Library of Congress, August 1958₂, Unclassified.

VALINA, YE.

Russian Poetry-History and Criticism

"I sing of the dawn." Zul'filia.. Reviewed by Ye. Valina. Rabotnitsa no. 3,
Mar. 1952.

Monthly List of Russian Accessions. Library of Congress. August 1952. UNCLAS. FILEB.

VALINAGY, Tibor; KELENTY, Barna

Toxicology and pharmacology of primycin. Kiserletes Orvostudomány
11 no.6:6260636 December 1959.

1. Debreceni Orvostudományi Egyetem Gyógyeszerntani Intezete.
(ANTIBIOTICS, pharmacol.)

~~VALINAK, V.~~

Accounts are kept by a machine. Rabotnitsa 35 no.6:21 Je '57.
(KLRU. 10:R)

(Machine accounting)

1. VALINCHUS, V.
2. USSR (600)
4. Libraries, Workingmen's
7. Library of a factory committee. V pom. profaktivu 14, No. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

VALING, O. Ya.

Our progress in soil improvement.

p. 460 (Sotsialistlik Põllumajandus. Vol. 12, no. 10, Oct. 1957. Tallinn, Estonia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

Valing, O. Ya.

99-1-3/10

AUTHOR: Valing, O.Ya., Chief of the Main Administration of Melioration at the Ministry of Agriculture of the Estonian SSR

TITLE: Construction of Melioration Projects in the Estonian SSR (Meliorativnoye stroitel'stvo v Estonskoy SSR)

PERIODICAL: Gidrotehnika i Melioratsiya, 1958, # 1, pp 13-18 (USSR)

ABSTRACT: Melioration in the Estonian SSR comprises reclamation of swamps and swampy mineral soils, removal of stones from arable land, clearing brush from meadows and pastures, applying lime to sour soils and the procurement and application of peat as fertilizer. Since 1957, seven machine-melioration stations have been in charge of constructing and maintaining main ditches, and carrying out drainage and reclamation work in cooperation with the MT stations. They are supervised by the Department for Melioration of the Ministry of Agriculture.

In the period from 1950-1956 the following acreages were drained: state farms - 12,100 ha, collective farms - 126,500 ha, forests - 45,600 ha. Special attention is paid to the restoration of old drainage systems, which serviced

Card 1/2

Construction of Melioration Projects in the Estonian SSR

99-1-3/10

20,000 ha. Construction of new drainage systems on a large scale was commenced in 1957, both on mineral and peat soils. At covered drainage systems, experiments were made with glass drainage pipes.

At the present time, equipment is provided for the further developing of melioration work. By January 1957, 160 excavators and numerous other machines for melioration work were in operation. During the period from 1951-1956, 96 melioration-engineers and 183 melioration-technicians graduated from technical schools. 800 melioration-engineers met in the summer of 1957 on the Tooma Institute of Agriculture and Melioration to exchange experiences.

There are 2 tables and 4 photographs.

ASSOCIATION: Glavnoye upravleniye melioratsii Ministerstva sel'skogo khozyaystva Estonskoy SSR (Main Melioration Office of the Estonian SSR Ministry of Agriculture)

AVAILABLE: Library of Congress

Card 2/2

VALING, O.

More attention to keeping down the production costs of peat used as fertilizer.
p. 201.

SOFSIALISTLIK PÖLLUMAJANDUS. Tallinn, Hungary. Vol. 13, no. 5, May 1958.

Monthly List of East European Accessions (EEAI), LC, No. ^{Vol. 8 12 Dec} ~~4~~, July, 1959.
Uncl.

VALINOV, I.O.

Exchange of clutches on knitting machines. Leh. prom. no.3:56-57

J1-S '64.

(MIRA 17:10)

VALINOVA, S.; TOMOVA, N.

Nitrite and hydroxylamine as sources of nitrogen in the
synthesis of amino acids in tomato leaves. Doklady BAN
16 no. 4: 409-412 '63.

1. Predstavleno akad. I. Emanuilovym.

VALINSKAYA, N.F.

VALINSKAYA, N.F. "The Geomorphology of the Shores and the Shore Region of the Veselovsk Reservoir." Min Higher Education USSR. Rostov State U imeni V.M. Molotov. Rostov na Donu, 1956. (Dissertation for the Degree of Candidate in Geographical Science)

So: Knizhnaya Letopis', No. 18, 1956,

ALEKSEYEV, A.; RESHETNYAK, I.; SHPAGIN, V.; SUROVETSKIY, Yo.; DAVYDOV, I.,
(Baku); KRASNOV, A. (Al'met'yevsk); SAVEL'YEV, G.;
RAZVOROTHEV, A.; KOZLOV, A., inzh.; TURUTIN, I.; VALIOTTI, B.
(Arkhangel'sk); VIL'MITSKIY, V.

Letters to the editor. Sov.profsoiuzu 16 no.6:47-52
Mr '60. (MIRA 13:3)

1. Starshiy instruktor Chuvashskogo oblsoprofa (for Alekseyev).
2. Chlen kraykoma profsoyuza rabotnikov svyazi, rabochikh avtomobil'nogo transporta i shosseynykh dorog, g.Maykop (for Reshetnyak).
3. Predsedatel' ob'yedinennogo postroykoma Bratskgesstroya (for Shpagin).
4. Starshiy instruktor Yakutskogo oblastnogo soveta profsoyuzov (for Surovetskiy).
5. Predsedatel' komissii obshchestvennogo kontrolya za rabotoy torga, Arkhangel'sk (for Savel'yev).
6. Sekretar' partbyuro tresta "Ukhtastroy," g.Ukhta, Komi ASSR (for Razvorotnov).
7. Redaktor mnogotirazhnoy gazety "Zhilstroyevets" (for Turutin).
(Labor and laboring classes) (Trade unions)

VALIOVICH, V. V., and other

Naladchik tokarnykh avtomatov. Izd. 2, ispr. i dopoln. Moskva, Mashgiz, 1939.
275 p. illus.

The adjuster of automatic lathes.

DLC: TJ1218.V3 1939

SO: Manufacturing and mechanical Engineering in the Soviet Union, Library
of Congress, 1953.

4/009/60/000/04/033/041
E142/E235

AUTHOR: Vališ, J

TITLE: Development of the Manufacture of Coating Compositions
During the Third Five-Year Plan

PERIODICAL: Chemický průmysl, 1960, Nr 4, pp 209-211

ABSTRACT: The importance of using coating compositions for protecting surfaces against corrosion is stressed. Production figures for these materials in Czechoslovakia and other European states are compared (Table 1). The properties of various coatings, marketed locally and in OEEC countries are compared. Variations in the chemical composition of coatings (reduced manufacture of oil and oil-containing lacquers and increased production of synthetic coatings - Table 3) is discussed. During the third Five-Year Plan (1961 to 1965) the output of coatings is to increase from 76500 tons to 102 000 tons. Detailed figures for oil, synthetic (alkyd, epoxide and polyester) and cellulose coatings are given. The production of nitro enamels from cellulose dispersions (chips) is to be started. An 8.2-fold increase in the output of water-soluble coatings is foreseen and

Card 1/2

Z/009/60/000/04/033/041.
E142/E235

Development of the Manufacture of Coating Compositions During the
Third Five-Year Plan

a 37% increase in the manufacture of printing dyes.
Research in this field is carried out primarily by the
Research Institute for Coating Substances, Prague
(Vyzkumny ustav natérových hmot, Praha), who carry out
technological and applied research, and the Research
Institute for Synthetic Resins and Varnishes, Pardubice, ✓
(Vyzkumny ustav syntetických pryskyric a laku,
Pardubice), who deal primarily with theoretical problems.
There are 3 tables.

ASSOCIATION: Ministerstvo chemického průmyslu (Ministry for the
Chemical Industry)

Card 2/2

VALIS, 5.

Water mensuration in irrigation. p. 83. VODNI HOSPODARSTVI. (Ustredni sprava vodniho hospodarstvi) Praha. no. 2, Feb. 1956.

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

VALIS, S.

VALIS, S. Irrigation through seepage from ditches. p. 550.
index to v. 3, 1955

Vol. 3, No. 6, 1955
SOVETSKA VEDA: VODNI STAVITELSTVI.
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accessions, Vol. 5, No. 5, May 1956

VALISHEV, N. T., Candidate Tech Sci (diss) -- "The effect of certain aspects of seismic conditions on the degree of dynamic stability of sand masses". Leningrad, 1959. 19 pp (Min Higher Educ USSR, Leningrad Order of Labor Red Banner Construction-Engineering Inst, Chair of "Bases and Foundations"), 180 copies (KL, No 24, 1959, 135)

S/058/61/000/010/033/100
A001/A101

AUTHORS: Nigmatullin, R.Sh., Valishev, R.M.

TITLE: Measurement of probabilities of spin-lattice transitions in some paramagnetics by the saturation method in pulse operation

PERIODICAL: Referativnyy zhurnal. Fizika, no. 10, 1961, 159, abstract 10V322 (V sb. "Paramagnitn. rezonans", Kazan', Kazansk. un-t, 1960, 64-68)

TEXT: The authors present the description and block-diagram of a powerful pulse installation for measuring the time of spin-lattice relaxation (T_1) by the saturation method at room temperature at a frequency of 9,400 Mc. It is possible to measure time T_1 with an accuracy up to 10-10 sec. Measurement methods are described, as well as the results obtained in CrCl_3 and various sorts of diphenyl picryl hydrazyl.

L. Sorokina

[Abstracter's note: Complete translation]

Card 1/1

AUTHOR: Valishev, R. M.

TITLE: Spin-lattice relaxation and fluorescence of nickel fluorosulfate B

NUMBER: FIZIKA 1965 021

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Card 1/2

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SUB CODE: NP 58

AL'TSHULER, S.A.; VALISHEV, R.M.

Use of the paramagnetic resonance method in studying weak
exchange interactions. Zhur. eksp. i teor. fiz. 48 no.2;
464-466 F '65. (MIRA 18:11)

VALISHIN, E.S.

Effect of the denervation of the kidneys on the course of the pathological process in disorders of a normal flow of venous blood from the kidneys. Nauch. trudy Kaz. gos. med. inst. 14: 133-134 '64. (MIRA 18:9)

1. Kafedra normal'noy anatomii cheloveka (zav. - prof. A.G. Korotkov) Kazanskogo meditsinskogo instituta.

1. VALISHINA, V. P. and TSINGER, N. V.
2. USSR (600)
4. Aconite
7. Germination of aconite seeds as a function of germ dimensions. Biul.Glav.bot.sada no. 13, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

KOROVIN, S.Ye., kand.biol.nauk; VALISHINA, V.P.

Exchange of seed collections by scientific institutions, schools,
and young naturalist stations. Biol.v shkole no.5:77-78 S-0
'59. (MIRA 13:8)

1. Glavnyy botanicheskiy sad AN SSSR.
(Seeds)
(Botany--Audio-visual aids)

VALIASHKO, Mikhail Georgievich, 1907-

Methods for the comprehensive investigation of mineral lakes. Leningrad, ONI-NKTI-SUNM,
Glavnaia redaktsiia geologo-razvedochnoi i geodezicheskoi literatury, 1935. 9 p.
(48-37992)

GB746.D95

1. Hydrography - Russia. 2. Lakes - Russia I. Valiashko, Mikhail Georgievich, 1907-
- II. Leningrad. "Sentral'nyi nauchno-issledovatel'skii geologo-razvedochnii institut"

VALISHVILI, G.I.

Rigidity calculation of even limit gauges. Izv. tekhn.
no.10:16-18 0 '63. (MIRA 16:12)

KOPYLENKO, V.P.; VALISHVILI, G.I.

Rigidity calculation of caliper gauges with holes. Stan. 1
instr. 36 no.11:31-32 N '65. (MIRA 18:11)

VALISHVILI, N.V., aspirant

Strength and rigidity analysis of parts made of materials
not subjected to Hooke's law. Issl.v obl.metallorozn.stan.
no.4:326-333 '61. (MIRA 14:12)
(Strength of materials)

10.7300

31078

S/179/61/000/005/017/022
E081/E477

AUTHORS: Glushkov, G.S., Valishvili, N.V. (Moscow)
TITLE: The stability of a compressed bar under conditions of creep
PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye tekhnicheskikh nauk. Mekhanika i mashinostroyeniye. no.5, 1961, 129-130

TEXT: An examination is made of a bar which is assumed to be subjected to a longitudinal compressive force and to have hinged supports at its ends. N.Hoff investigated the question of stability of a compressed bar under conditions of creep, he showed that there is a critical deflection of the bar at which the transverse displacement approaches infinity. An evaluation of the subject bar is made by means of a more simple and widely used formula:

$$\dot{\epsilon} = \frac{\dot{\sigma}}{E} + f(\sigma) \quad (2)$$

It is shown that the critical displacement depends only on the magnitude of the mean normal stress and flexibility of the bar and
Card 1/2

31078

S/179/61/000/005/017/022

R081/T477

The stability of a compressed ...

not on the initial deflection. These results agree with the findings of Hoff. A numerical example is given and the result compared with Hoff's value. The difference is found to be small enough to be insignificant. There are 2 figures and 3 references: 1 Soviet-bloc and 2 Russian translations of work by N. Hoff.

SUBMITTED: July 8, 1961

Card 2/2

VALISHVILI, N.V., inzh.

Elastic plastic bending of beams. Rasch.na prochn. no.7:163-174
'61. (MIRA 14:11)

(Beams and girders)

GLUSHKOV, G.S., doktor tekhn.nauk, prof.; VALISHVILI, N.V., inst.

Stiffness calculation of a bar in case of a general nonlinear
relation of stresses and deformations. Rasch.na prochn. no.8:
186-199 '62. (MIRA 15:8)

(Elastic rods and wires)

GLUSHKOV, G.S., doktor tekhn. nauk, prof.; VALISHVILI, N.V., kand. tekhn. nauk.

Longitudinal bending of rods under creep conditions. Rasch
na prochn. no. 9:270-279 '63 (MIRA 16:12)

VALISHVILI, N.V.; GLUSHKOV, G.S.; BEZUKHOV, N.I., doktor tekhn.
nauk, prof., zasl. deyatel' nauki RSFSR, retsenzent;
GARANKINA, S.P., red.izd-va; DEMKINA, N.P., tekhn.red.

[Universal formulas for the design of stepped beams] Uni-
versal'nye formuly dlia rascheta stupenchatykh balok;
spravochnoe posobie. Moskva, Mashgiz, 1964. 405 p.
(MIRA 17:3)

DAVIDESCU, D.; VALISIU, M.

Efficiency of fertilizers of irrigated crops in the Rumanian
Plain. Zemljiste biljka 11 no.1/3:577 -581 '62.

1. Faculte d'agriculture, Bucarest.

CZECHOSLOVAKIA

SIT'AJ, S; BR Hed; SITRAK, D; VALSIK, J., Prof., MD., RMR.

1. Research Institute of Rheumatic Diseases (Vyskumny ustav reumatickych chorob), Piest'ani; 2. Chair of Anthropology and Genetics of the Faculty of Natural Sciences of Komenský University (Katedra antropologie a genetiky prirodovedeckej fakulty Univerzity Komenského), Bratislava

Prague, Vnitřní lékařství, No 9, 1964, pp 846-849

"Genetic Studies in Articular Chondrocalcinosis."

VALISOVSKIY, I.V., Cand Tech Sci—(diss) " Study of conditions of ^{the}
moistening ^{of} holding material with liquid metal." Doc, ISSN#1
← of Heavy Machine Building, 1958. 16 pp (Main Sci Res Inst of
Planning under ~~USSR~~ Gosplan ~~USSR~~ USSR. Central Sci Res Inst of ^{Technology}
~~Engineering~~ ^(TsNIIMash) and Machine Building), 150 copies (K1,45-58, 146)

LYASS, A.M.; VALISOVSKIY, I.V.; Primali uchastiye: YAKOVLEV, V.O.;
BUDANTSEVA, Z.I.; BAGROV, A.A.; VOLKOVA, G.A.

Improving the shakeout of sand mixtures with sodium silicate
solutions. Lit. proizv. no.9:33-36 S '61. (MIRA 14:9)
(Coremaking) (Sand, Foundry)

LYASS, A.M.; KUMANIN, I.B.; VALISOVSKIY, I.V.

Review of B.G. Guliaev's book "Founding processes." Lit.
proizv. no.1:44-45 Ja '62. (MIRA 16:8)

(Founding)

MIL'MAN, B.S.; LYASS, A.M.; TSYPIN, I.O.; KRAPUKHIN, V.M.; VALISOVSKIY, I.V.;
KLOCHNEV, N.I.; AVERBUKH, N.M.; KADNITSOV, V.G.; LIPNITSKIY, A.M.;
RUSSIYAN, S.V.; SKOBNIKOV, K.M.

"Iron founding handbook" edited by [doktor tekhn.nauk, prof.] N.G.
Girshovich. Book review by B.S.Mil'man and others. Lit. proizv.
no.8:46-47 Ag '62. (MIRA 15:11)
(Iron founding--Handbooks, manuals, etc.)
(Girshovich, N.G.)

VALISOVSKIY, I.V., kand. tekhn. nauk; MEDVEDEV, Ya.I., kand.
tekhn. nauk; TKACHENKO, K.M., kand. tekhn. nauk, retsenzent;
CHERNYAK, O.V., inzh., red.; MAKAROVA, L.A., tekhn. red.

[Technological testing of molding materials] Tekhnologicheskie
ispytaniia formovochnykh materialov. Moskva, Mashgiz, 1963.
222 p. (MIRA 16:7)

(Sand, Foundry--Testing)

MEDVEDEV, Ya.I., kand. tekhn. nauk; SHKLENNIK, Ya.I., kand.
tekhn. nauk, retsenzent; VALISOVSKIY, I.V., kand. tekhn.
nauk, red.

[Gases in the foundry mold] Gazy v liteinnoi forme. Mo-
skva, Mashinostroenie, 1965. 238 p. (MIRA 18:9)

VALITOV, A. M. Z.

"Investigation of the Process of Cutting Austenitic Steel Which Is Difficult to Work, With the Application of Gaseous Cooling Means." Cand Tech Sci, Central Sci-Res Inst, Leningrad, 1954.

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)

SO: Sum. No. 556, 24 Jun 55

VALITCV, A. M.-Z.

1 441 Issledovaniye protsessâ rezaniya trudnoobratatyvemyy austenitncy stali s primeneniym gazoobraznookhlazhdayushchikh sredstv. L., 1954. 16 s. so skem. 20 sm. (Tsentr. nauchissled. in-t) 100 ekz. B. td. -(54-51627)

SO: Knizhaya Letopis', Vol. 1, 1955

VALITOV, A.M.Z.

AID P - 4780

Subject : USSR/Engineering
Card 1/1 Pub. 103 - 7/24
Authors : Sobolev, N. P. and A. M.-Z Valitov
Title : Use of carbon dioxide as a coolant in machining hard steels.
Periodical : Stan. i. instr., 3, 18-21, Mr 1956
Abstract : Carbon dioxide has shown certain advantages as compared with other gaseous coolants which were tested in cutting austenite steels. The author describes the results of these tests as applied to the K-type stainless steels and the 45 steels in relation to the temperatures developed, the shrinkage of shavings, the coefficient of friction, the energy needed for cutting, cutter wear, general handling, and quality of finish. Five tables, 2 drawings, 1 photo, GOST standards.
Institution : None
Submitted : No date

Valitov, A.M.

122-5-21/35

AUTHOR: Valitov, A.M.-Z., (Cand.Tech.Sc.)

TITLE: A Device for Arresting the Root of the Chip in Turning.
(Ustroystvo dlya fiksirovaniya koriya struzhki pri tochenii)

PERIODICAL: Vestnik Mashinostroyeniya, 1957,³⁷ Nr 5, pp.61-62 (USSR)

ABSTRACT: Description with cross-sectional drawings of a device attached to the headstock spindle of a lathe and secured to the lathe bed, wherein on actuation of a lever, as a result of the shearing of a hardened pin, the engagement of the workpiece is instantaneously interrupted and the tool suddenly arrests the workpiece in a desired position. It is claimed that no spring-back is observed with this device. There is 1 figure.

AVAILABLE: Library of Congress.

Card 1/1

SOV/146-1-1-18/22

AUTHOR: Valitov, A.M. and Romanova, L.V., Candidates of
Technical Sciences

TITLE: An Optical Apparatus for Measuring Diameters when
Processing products on Existing Vertical Turret Lathes
(Opticheskoye ustroystvo dlya izmereniya diametral'-
nykh razmerov pri obrabotke izdeliy na sushchestvuyush-
chikh tokarno-karusel'nykh stankakh)

PERIODICAL: Izvestiya vysshikh uchebnykh zavezeniy -
Priborostroyeniye, 1958, Nr 1, pp 128-133 (USSR)

ABSTRACT: The Department of the Technology of Instrument Con-
struction and the Department of the Theory of Optical
Equipment have designed an optical instrument, consisting
of a fixing device and a range finder. The fixing
device consists of a collimator, its sight tube, a
vertically placed setting tube, a condenser and
illuminator. The fixing device can be shifted on
the crosspiece of the lathe at various distances from
the range finder. The latter serves to determine the

Card 1/2

SOV/146-1-1-18/11

An Optical Apparatus for Measuring Diameters when Processing
Products on Existing Vertical Turret Lathes

distance from the base to its mark and consists of a body 1600 mm long and 100 in diameter, a measuring rule and an observation device. The range finder magnifies 20x. The 1 mm intervals on the 1600 mm fine measuring rule are imprinted with an accuracy of $\pm 3 \mu$ k. The functioning principle of the apparatus is discussed. The theoretical errors for diameter measurements of 4-8 m lie in the limits of 2nd class accuracy errors. For measurements up to 4 m, errors can reach 0.20 mm and 1.65 mm for diameters of 60-30 m with the range finder 16 m away. The main functional advantages of the proposed method are listed. There are 3 diagrams and 1 exploded diagram.

ASSOCIATION: Leningradskiy institut tochnoy mekhaniki i optiki
(Leningrad Institute of Fine Mechanics and Optics)

Card 2/2

SC7/19-58-6-375/685

AUTHORS: Sobolev, N.P., Churilovskiy, V.N., Valitov, A.M., and Romanova, L.V.

TITLE: A Device for Measuring Large Objects (Ustroystvo dlya izmereniya krupnogabaritnykh detaley)

PERIODICAL: Byulleten' izobreteniy, 1958, Nr 6, p 83 (USSR)

ABSTRACT: Class 42c, 21. Nr 113787 (579256 of 22 June 1957). Submitted to the Committee for Inventions and Discoveries at the Ministers Council of USSR. A device for measuring large objects with the use of an optical distance gage with double image, designed in the form of a sight mounted on a mobile carriage and provided with a coaxially mounted collimator and telescope, a setting tube, and a range mark with a condenser and an illuminator; achieving accurate focussing on the objects under measurement.

Card 1/1

22(2)(7)

SOV/146-2-5-19/19

AUTHOR: Valitov, A.M.-Z., Candidate of Technical Sciences

TITLE: Calculating the Accuracy of Machine Tool Attachments

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Priborostroyeniye, 1959, ²-Nr 5, pp 132 - 137 (USSR)

ABSTRACT: A new method for calculating the accuracy⁴ of machine tool attachments is developed. All possible errors in machine part dimensions are discussed. In order to demonstrate the method, calculations for a jig (Figure 1) and a lathe mandrel (Figure 2) are carried out. A table showing the insertion of the working part into the lathe, is given. The article was recommended by the Kafedra priborostroyeniya (The Chair of Instrument Design). There are 2 diagrams, 1 table, and 5 Soviet references. (✓)

Card 1/2

SOV/146-2-5-19/19

Calculating the Accuracy of Machine Tool Attachments



ASSOCIATION: Leningradskiy institut tochnoy mekhaniki i optiki
(The Leningrad Institute of Precision Mechanics
and Optics)

SUBMITTED: June 18, 1959

Card 2/2

SHILOV, German Ivanovich; VALITOV, Abdrashid Mukhamed-Zakirovich;
GUTKIN, V.G., red.

[New devices for the control of the thickness of metallic
and nonmetallic coatings] Noveye pribory dlia kontroliia
tolshchiny metallicheskikh i nemetallicheskikh pokrytii.
Leningrad, 1964. 30 p. (MIRA 17:11)

VALITOV, A.M.-Z.; KISTRUSSKIY, S.I.

Pneumatic draw-in ball chuck. Mashinostroitel' no.3:27 Mr '64.
(MIRA 17:4)

VALITOV, A. M-Z.; SHILOV, G.I.

The TPO-V device for precision checks of coating thickness. Izm.tekh.
no.6:14-17 Je '64. (MIRA 17:12)

VALITOV, A. M-Z.; KISTRUSSKIY, S.I.

Technological specifications for multiple machining of parts.
Mashinostroitel' no.8:32-35 Ag '64. (MIRA 17:10)

VALITOV, A.M-Z.

Modernization of single-spindle automatic turret lathes.
Mashinostroitel' no.2:7-8 F '65. (MIRA 18:3)

VALITOV, A.M.-Z.

Modernization of automatic single-spindle turret lathes used in small-lot production. Izv.vys.ucheb.zav.; prib. 8 no.1:186-191 '65. (MIR 18:3)

1. Leningradskiy institut tochnoy mekhaniki i optiki. Rekomendovana kafedroy tekhnologii priborostroyeniya.

VALITOV, R.A.

VALITOV, R.A., and V.N. SRETSKII

Radioizmereniia na sverkhvysokikh chastotakh. Moskva, Voenizdat
Voennogo Ministerstva SSSR, 1951. 392 p., diagrs.
Title tr.: Micro-wave measurements.

NCF

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of
Congress, 1955.