KURNAKOV, Nikolay Semenovich; CHERNYAYEV, I.I., akademik, otv. red.; ZVYAGINTSEV, O.Ye., doktor khim. nauk, otv. red.; BOGUSH, O.F., red.; BELOVA, V.I., red.; SIMKINA, G.S., tekhn. red.

[Works on the chemistry of complex compounds] Trudy po khimii kompleksnykh soedinenii. Moskva, Izd-vo Akad. nauk SSSR, 1963. 154 p. (MIRA 16:4)

(Complex compounds)

S/078/63/008/003/017/020
B117/B186

AUTHORS: Zvyagintsev, O. Ye., Gonoharov, Ye. V.

TITLE: Neodymium hydrooxo glycinate and hydrooxo alaninate

PERIODICAL: Zhurnal neorganicheskoy khimii, v. 8, no. 3, 1963, 769-770

TEXT: The above compounds were separated out by the action of organic solvents on stoichiometric mixtures of solutions. A pink-colored powder, insoluble in water, methanol, acetone, ether, and benzene, was obtained by the action of methyl alcohol on a stoichiometric mixture of sodium glycinate and $NdCl_3$ solutions (2:1). The thermogram for this substance showed three endothermic reactions: separation of three water molecules at 106°C, separation of one water molecule at 135°C, and decomposition of the dehydrogenated salt at 250°C. These data suggest the following structure for the compound: $[Nd(OH)Cl_2(H_2O)] \cdot 3H_2O$. A pink-colored powder, insoluble in acetone, benzene, and ether, soluble in methanol, and unstable in water, was produced from $5(CH_3)_2CO+2AnNa+NdCl_3$,

Neodymium hydrooxo glycinate ...

where An = alanine. The thermogram for the resulting substance showed four endothermic reactions: three water molecules separated successively at 100, 110, and 140°C, and the salt decomposed at 280°C. These data suggest the following structure for the compound: $[Nd(OH)An_2(H_2O)]\cdot 2H_2O$.

There are 2 figures.

SUBMITTED: October 6, 1962

ZVYAGINTSEV, O.Ye.; LOPATTO, Yu.S.

Tetracyclic oxycarbonate complex compounds of trivalent iron.
Zhur.neorg.khim. 7 no.6:1272-1276 Je '62. (MIRA 15:6)
(Iron compounds) (Alkali metal carbonates)

SINITSYN, N.M.; ZVYAGINTSEV, O.Ye.

Reciprocal effect of atoms and groups in complex nitroso compounds of rhutenium. Dokl.AN SSSR 145 no.1:109-111 Jl '62. (MIRA 15:7)

1. Institut obshchey i neorganicheskoy khimii imeni N.S.Kurnakova AN SSSR. Predstavleno akademikom I.I.Chernyayevym.

(Rhutenium compounds) (Nitroso compounds)

CHUGAYEV, Lev Aleksandrovich; ZVYAGINTSEV, O.Ye., doktor khim. nauk, otv. red.; TRIFONOV, D.N., red.; POLYAKOVA, T.V., tekhn. red.

[L.A.Chugaev; selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR. Vol.3. 1962. 490 p. (MIRA 15:8)
(Chugaev, Lev Aleksandrovich, 1873-1922) (Chemistry)

SHUBOCHKINA, Ye.F.; ZVYAGINTSEV, O.Ye.

Influence of inner-sphere ligands on the rate of substitution in the octahedral complexes of platinum. Zhur. neorg. khim. 9 no.8:1785-1792 Ag '64. (MIRA 17:11)

ZVIAGINTSEV, S.N.

Biological data on black flies in water reservoirs: migration of the larvae in the Kuybyshev Reservoir. Med.paraz.i paraz.bol. no.1:9-15 '62. (MIRA 15:5)

1. Iz entomologicheskogo otdela (zav. - prof. V.N. Beklemishev) Instituta meditsinskoy parazitologii i tropicheskoy meditsiny imeni Ye.I. Martsinovskogo (dir. - prof. P.G. Sergiyev) Ministerstva zdravookhraneniya SSSR.

(KUYBYSHEV RESERVOIR—BLACK FLIES)

ZVYAGINTSEV, S.N.

On black fly breeding in Kuybyshev Reservoir. Med.paraz.i paraz. bol. 29 no.1:62-66 Ja-F '60. (MIRA 13:10)
(KUYBYSHEV RESERVOIR--BLACK FLIES)

SVYAGINTSEV, S.N.

Materials on the biology of blackflies (Diptera, Simulidae) in water reservoirs. Distribution of larvae under conditions of the harnessed Volga. Med. paraz. i paraz. bol. 34 no.1:32-38 Ja-F '65. (MIRA 18:8)

1. Otdel entomologii Instituta meditsinskoy parazitologii i tropicheskoy meditsiny imeni Ye.I.Martsinovskogo Ministerstva zdravookhraneniya SSSR, Moskva.

ZVYAGINTSEV, S. N.

"Methods of Predicting the Anopheles Population in the Water Reservoirs to Be Built in the Plains Area of the USSR," Sub. 7 Apr 47, Inst of Malaria, Medical Parasitology and Helminthology, Acad Med Sci USSR.

Dissertations presented for degrees in science and engineering in Moscow in 1947.

SO: Sum.No.457, 18 Apr 55

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

ZVYAGINTSEV, S. N. (CAND. Biolog. Sci.)

Dissertation: "Methods of Predicting the Anopheles Population in the Water Reservoirs to be Built in the Plains Area of the USSR." Inst of Malaria, Medical Parasitology and Helminthology, Acad Med Sci USSR, 7 Apr 47

SO: Vechernyaya Moskva, Apr, 1947 (Project #17836)

SERGIYEV, P.G.; KASHINA, M.G.; VASIL'KOVA, Z.G.; PROKOPENKO, L.I.; LYSENKO, A.Ya.; ZVYAGINTSEV, S.N.; OLIFAN, V.I.; BANDIN, A.I.; RAKHMANOVA, P.I.; TIMOFEYEVA, L.V.; BUYANOVA, O.F.

In memory of A.D.Polumordinov. Med.paraz.i parazit.bol. no.3:287 My-Je '53. (MLRA 6:8)

(Polumordinov, Arsenii Dmitrievich, 1902-1953)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

"Project Data for Designing Additional Plant and a Block of 300 000 kW capacity for Operation with Steam of the Initial Parameters 300 atm, 650° C."

The Commission for High-parameter Steam of the Energeticheskiy institut (Power Institute) imeni G. M. Krzhizhanovskogo AN SSSR held a conference on May 16, 1958 devoted to new types of equipment for block-assembled power stations, operating at super-critical steam parameters. This paper was read at this conference.

Izv. Akad Nauk SSSR, Otdel Tekh nauk, 1958, No. 7, p. 152

SOV/96-58-9-20/21

AUTHOR: Belinskiy, S.Ya. (Candidate of Technical Science)

TITLE: A Conference on New Types of Equipment for Unit-type Power Stations employing Super-critical Steam Conditions (Soveshchaniye po voprosam novykh tipov oborudovaniya dlya blochnykh elektrostantsiy na sverkhkriticheskiye parametry para)

PERIODICAL: Teploenergetika, 1958, Nr 9, pp 92 - 95 (USSR)

ABSTRACT: A Conference on new types of equipment for unit-type power stations operating on super-critical steam conditions was called by the High Temperature Steam Commission of the Power Institute of the Academy of Science of the USSR on 14th-16th May, 1958. It was attended by more than 150 representatives of power equipment manufacturers, design organisation research institutes and of GOSPLAN USSR and RSFSR, the Ministry of Power Stations and the Scientific-Technical Committee of the USSR. Engineer S.I. Molokanov read a report on 'The prospective application of large unit sets with super-critical steam conditions'. An article of similar content by this author is published in this issue of this journal. Candidate of Technical Science

Card 1/4

A Conference on New Types of Equipment for Unit-type Power Stations Employing Super-critical Steam Conditions

N.L. Oyvin, of Teploelektroproyekt, gave a report entitled 'Technical tasks in designing the main equipment for initial steam conditions of 240 at and 580°C'. Candidate of Technical Science V.P. Studenskiy, also of Teploelektroproyekt, dealt with 'The design of the thermal part of a 2400-MW regional power station'. Engineer V.A. Zvyagintsev, of Teploelektroproyekt, gave important information about the design of superposed equipment and 300-MW unit-type sets for steam conditions of 300 at. and 620C. Doctor of Technical Science V.P. Romadin reported upon 'Investigations of the All-Union Thermo-Technical Institute into super-critical steam conditions and associated problems'. Candidate of Technical Science A.V. Levin gave information about turbines of 300 - 400 MW for steam conditions of 240 at., 580°C and 300 at., 650°C, developed by the Leningrad Metal Works. Candidate of Technical Science M.A. Ploskovitov, of the Central Boiler Turbine Institute, described 'A design for a direct-flow boiler of 710 tons per hour at 315 at. and 655°C'. Candidate of

A Conference on New Types of Equipment for Unit-type Power Stations Employing Super-critical Steam Conditions

Technical Science K.A. Rakov, of the All-Union Thermo-Technical Institute, spoke on 'Development of the thermo-technical bases of super-high-output boiler sets for super-critical pressure' and Engineer V.M. Biman, of ORGENERGOSTROY, gave a report entitled 'Development of the design of a boiler set for 300 at., 650°C, for a 300-MW unit'. A report by Doctor of Technical Science Ya.M. Rubinshteyn, of the All-Union Thermo-Technical Institute, was entitled 'The selection of method of drive for feed pumps for a power station with an initial pressure of 300 at.'. Doctor of Technical Science A.A. Lomakin, of the Leningrad Metal Works, recounted the design of feed pumps for very large unit sets running at super-critical steam conditions. Doctor of Technical Science L.D. Berman, of the All-Union Thermo-Technical Institute, discussed 'The provision of high-density condensers for steam turbines in unit-type power stations with super-critical conditions'. Candidate of Technical Science A.E. Gel'tman, of the Central Boiler Turbine Institute, reported on 'The

A Conference on New Types of Equipment for Unit-type Power Stations Employing Super-critical Steam Conditions

selection of parameters and characteristics for power equipment in regional condensing power stations'. The article contains a brief account of each of the above reports. The resolutions of the meeting noted that, despite considerable improvements in recent years, the efficiency of power equipment, particularly auxiliaries, should still be improved. The main lines that should be followed in designing power stations for unit sets of 300 and 600 MW are stated; this comprises a list of some 15 items raging from methods of fuel drying to the use of welded rotors and cylinders. It was noted that feed pumps take too long to manufacture. Research on metals and the development of equipment for very high steam conditions should be expedited.

1. Steam power plants--USSR

ZVYAGINTSEV, V.A., inzh; FLAKSERMAN, G.Yu., inzh.

Design for expansion and superstruction of state-owned regional electric power plants(thermal part). Teploenergetika 5 no.11:86-89 N '58. (MIRA 11:11)

(Electric power plants)

AUTHOR: Zvyagintsev, V.A., Engineer
Flakserman, G.Yu., Engineer

TITLE: A Project for the Extension and Super-Position of the Thermal Part of a Regional Electric Power Station (Proyekt rasshireniya i nadstroyki GRES (Teplovaya chast'))

PERIODICAL: Teploenergetika, 1958, Nr 11, pp 86-89 (USSR)

ABSTRACT: This article is an abbreviated version of a report to a conference of the High-Pressure Steam Commission of the Power Institute Academy of Sciences USSR held on 14th - 16th May 1958, on questions of new types of equipment for unit-type power stations. The task was to instal equipment for steam conditions of 300 atm and 650°C. including one super-posed unit of 100 MW and one condensing set of 300 MW. The steam conditions are governed by the quality of steel available. The reheat temperature was 570°C. at the boiler and 565°C. at the turbine. The article comprises a detailed description of the proposed extension to the station beginning with the turbine equipment. The fuel-preparation plant is described

A Project for the Extension and Super-Position of the Thermal Part of a Regional Electric Power Station

and a schematic diagram of it is given in Fig.1. Wet-rod ash-arresters are used. The feed-water arrangements and forced-draught equipment are described. It is intended to start boilers and turbines of both units simultaneously, saving all the condensate. The water-treatment equipment is discussed: in view of the lack of operating experience with direct-flow boilers on super-high steam conditions, each unit will have its own group of filters for de-salting condensate. The pipework arrangement and steam fittings are described. Two-stage turbine-driven feed pumps will be used; steam drive is economically justified under these steam conditions but electrically driven pumps will be kept as spares. Reduction and cooling equipment is provided for use when the superposed turbine is in reserve. The proposed power station layout is

A Project for the Extension and Super-Position of the Thermal Part of a Regional Electric Power Station

illustrated in Fig.2; a general view is given on the front cover of the journal and the schematic thermal circuit on the back cover. The 100-MW turbo-generator is arranged across the machine room and the 300-MW generator along it, so that the span is 36 metres. The control equipment is described. The results of technical and economic calculations on the station as a whole and on the 300-MW set are tabulated. There are 2 figures, and 1 table.

ZVYAGINTSEV, V.P., inzh.

New ceramic magnetizing fluxes. Svar.proizv. no.1:22-24 Ja '62.
(MIRA 15:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-tekhnologicheskiy institut ugol'nogo mashinostroyeniya.
(Flux(Metallurgy)--Magnetic properties)(Electric welding)

ZVYAGINTSEV, V.P., inzh.; SYROVATKIN, A.A., inzh.

Granulation of ceramic fluxes by means of a metal brush. Svar. proizv. no.5:25-26 My '61. (MIRA 14:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-tekhnologicheskiy institut ugol'nogo mashinostroyeniya.
(Flux (Metallurgy))

ZAL'F, Geogriy Arturovich, kand. tekhn. nauk; ZVYAGINTSEV, Vasiliy Vasil'yevich, inzh.; STRAKHOVICH, K.I., prof., retsenzent; DORFMAN, L.A., kand. fiz.-mat. nauk, red.; GOFMAN, Ye.K., red. izd-va; BARDINA, A.A., tekhn. red.

[Thermal calculations of steam turbines] Teplovoi raschet parovykh turbin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 290 p. (MIRA 14:6)
(Steam turbines)

Zvyagintsev, V.V.

AID P - 4076

Subject : USSR/Power Eng.

Card 1/1 Pub. 110-a - 1/14

Author : Zvyagintsev, V. V., Eng., Neva Plant im. Lenin

Title : On increasing turbine efficiency by improving blading design.

Periodical : Teploenergetika, 12, 3-8, D 1955

Abstract : The author discusses a possible 1.5% increase in turbine efficiency obtained by changing the profile of blades. A mathematical analysis substantiates the author's opinion. Different blading stages are discussed and some results of laboratory tests are described. The necessity of unifying and standardizing types of blades is emphasized. Two diagrams. One Russian source, (no date), 2 English, 1928, 1938 and 1 German, 1924.

Institution : ~~None~~ Nevskiy Zavod im. Lenin

Submitted : No date

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

BYCHENKOV, S.A., inzhener; ZAL'F, G.A., inzhener; ZVYAGINTSEV, V.V., inzhener; KUZNETSOV, L.A., kandidat tekhnicheskikh nauk.

Investigation of blading of turbines developed by the Nevskiy (Lenin) Machinery Manufacturing Plant. Energomashinostroenie no.10:1-8 O'56. (MLRA 10:1)

(Turbines--Blades)

ZVYAGINTSEV, I.I.

Rostov province - stock and stockbreeding

Changes in the economics of animal husbandry of collective farms in the newly irrigated districts of the Rostov Province. Sots. sel'.khoz. 23, no. 4, 1952.

MONTHLY LIST OF RUSSIAN ACCESSIONS, LIBRARY OF CONGRESS, AUGUST 1952. UNCLASSIFIED.

ZVYAGINTSEV, YA.

Stock and Stockbreeding - Rostov Province

Changes in the economics of animal husbandry of collective farms in the newly irrigated districts of the Rostov Province. Sots. sel'.khoz. 23, no. 4, 1952.

MONTHLY LIST OF RUSSIAN ACCESSIONS, LIBRARY OF CONGRESS, AUGUST 1952. UNCLASSIFIED.

ZVYAGINTSEV, Ya.

Prepare for irrigating in time [Poor work by Ministry of Agriculture], by Director of Rostov Agricultural Economics Institute Ya. Zvyagintsev.

Soviet Source: Pravda, Feb. 12, p. 2.

Current Digest of the Soviet Press (in CIA Library), Vol. 4, No. 6, 1952, p. 44

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

ZVYAGINTSEV, Ya. I.

Zvyagintsev, Ya. I. "Over-all planning in grain kolkhozes", Sbornik rabot (Rost. nauch.-issled. in-t ekonomiki sel. khoz-va), Issue 1, 1949, p. 77-128.

SO: U-411, 17 July 53, (Letopis' Zhurnal 'nykh Statey, No. 20, 1949).

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

ZVYAGINTSEV, Ya I

Sal'skiy Rayon (Salsk Rayon, by) Ya. I. Zvyagintsev, P. I. Rudakov (i dr.)
Moskva, Sel'khozgiz, 1952
310 p. illus., maps, tables.

228N/5
722
.Z9

ZVYAGINTSEV, Ye.

DOVZHIK, B.; LEVIN, S.; ZVYAGINTSEV, Ye.

Manuals of wage schedules based on job qualifications. Sots. trud. no.12:39-51 D '56. (MLRA 10:2)

1. Leningradskiy inzhenerno-ekonomicheskiy institut. (for Dovzhik) 2. Ukrainskiy nauchno-issledovatel'skiy institut metallov. (for Levin) 3. Institut "Yuzhgiproruda." (for Zvyagintsev).

(Wages) (Job Analysis)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

ZVYAGINTSEV, Ye.

Classification of methods in time study by means of observation. Sots. trud 5 no.4:103-105 Ap '60. (MIRA 13:9)
(Time study)

DRUZHININ, A.V.; ZVYAGINTSEV, Ye.P.

Using overburden rocks of the Kursk Magnetic Anomaly for making cement. Gor. zhur. no.10:25-27 O '61. (MIRA 14:12)

1. Yuzhgiproruda, g. Khar'kov.
(Kursk magnetic anomaly—Cement)

USSR/Mines and Mining
Mining Methods
Efficiency, Industrial

Apr 1948

"Determination of the Productive Capacity of Open Mines," Ye. P. Zvyagintsev, GlavNeRuda, Kharkov, 2 pp

"Gor Zhur" No 4

In spite of its seeming simplicity, there still exists no recognized method for determining the productive capacity of open pit mines. Attempts to formulate basic method for determining productive capacity.

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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

USSR/Mines and Mining Apr 1948
Mining Methods
Efficiency, Industrial

"Determination of the Productive Capacity of Open Mines," Ye. P. Zvyagintsev, GlavNeRuda, Kharkov, 2 pp

"Gor Zhur" No 4

In spite of its seeming simplicity, there still exists no recognized method for determining the productive capacity of open pit mines. Attempts to formulate basic method for determining productive capacity.

LC 66199

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7

ACC NR: AM6028435 (N) Monograph UR/

Zvyagintsev, Yefim Vasil'yevich; Kaplun, Semen Markovich; Kryuger, Yevgeniy Adol'fovich; Lofenfel'd, Yevgeniy Grigor'yevich; Luchanskiy, Iosif Aleksandrovich; Yanovskiy, Aleksandr Aleksandrovich

Marine screw propellers of variable pitch; manufacture, assembly and testing (Sudovyye grebpyye vinty reguliruyemogo shaga; izgotovleniye, montazh i ispytaniya) [Leningrad] Izd-vo "Sudostroyeniye," 1966. 283 p. illus., biblio. 3,000 copies printed.

TOPIC TAGS: marine engineering, mechanical engineering

PURPOSE AND COVERAGE: The book is intended for technologists, designers, and other specialists interested in the problems of manufacturing, assembling, testing, and maintaining variable pitch propellers. General information is given and design methods and actual forces and moments acting on variable-pitch propellers are discussed. Data on the strength of and materials used in individual parts and methods for increasing their fatigue strength and corrosion resistance are presented. Technological manufacturing process of the main parts variable-pitch propellers, shafts, control mechanisms, as well as associated instruments and attachments, are described. Primary attention has been paid to the assembly and testing of variable-pitch propellers, their installation on vessels,

Card 1/2 UDC: 629.12.002.72.037

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7

ACC NR: AM6032885

and marine tests. There are 12 references, all Soviet.

TABLE OF CONTENTS (abridged):

SUB CODE: 013/ SUBM DATE: 29Dec65/ ORIG REF: 012/

Card 2/2

ZVYAGINTSEV, Yu. (Kharkov)

In the economic laboratory of a regional economic council. Vop. ekon. no.12:153 D '60. (MIRA 13:12)

(Kharkov—Economic research)
(Machinery industry)

ZVYAGINTSEV, Yu.Ye.; SAMSONOV, G.I., inzh., retsenzent; LIBERMAN, Ye.G., doktor ekon. nauk, red.; SALYANSKIY, A.A., red. izd-va; DEMKINA, N.F., tekhn.red.

[Operational planning in pressworking shops] Operativnoe planirovanie v pressovykh tsekhakh. Moskva, Mashgiz, 1963. 136 p. (MIRA 16:7)

(Machinery industry--Management)
(Sheet-metal work)

ZVYAGINTSEV, Yu.Ye., inzhener

Methods of operational analysis in plant and section planning. Vest. mash. 35 no.8:75-78 Ag '55. (MLRA 8:10)
(Job analysis) (Factory management)

DERKACH, V.S.; BELAYA, O.S.; BULATSEL', A.M.; KVYAT, K.M.; TURMAN, Ye.P.; KRAMMER, Ye.V.; ZVYAGINTSEVA, A.M.

Effectiveness of combined antibiotic therapy for chronic dysentery. Zhur.mikrobiol.epid.i immun. no.3:54-59 Mr '55. (MLRA 8:7)

1. Iz mikrobiologicheskogo otdela (zav. prof. V.S.Derkach) Khar'kovskogo instituta vaktsin i syvorotok (dir. kandidat biologicheskikh nauk G.P.Cherkas) i profil'nykh yasley Kar'kova.

(DYSENTERY, BACILLARY, therapy,
antibiotics, combined ther.)
(ANTIBIOTICS, therapy,
dysentery, combined ther.)

ZVYAGINTSEVA, D.G.

Using the method of direct microscopy in studying the adsorption of micro-organisms. Nauch.dokl.vys.shkoly;biol.nauki no.4: 199-203 '58. (MIRA 11:12)

1. Rekomendovana kafedroy biologii pochv Moskovskogo gosudarstvennogo universiteta imeni M.V.Lomonosova.
(SOIL MICRO-ORGANISMS) (ADSORPTION) (MICROSCOPY)

USSR / Diseases of Cultivated Plants
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

0

Abs Jour : Ref Zhur - Biol., No 9, 1958, No 39695

Author : Zvyagintseva, E. I.

Inst : State Commission on Variety Testing of Agricultural Crops at the Agricultural Ministry USSR.

Title : New Treatment of Flax Seeds with Fungicide - 50% Thiurad

Orig Pub : Inform. byul. gos. komiss. po sortoispyt. s.-kh. kul'tur pri M-ve s.-kh. USSR, 1957, No 4, 18-21

Abstract : It is established, on the basis of tests conducted over a period of 3 years, that the germination of flax seeds does not diminish when they are treated at the proper time (from $1\frac{1}{2}$ to 6 months before sowing) with fungicide. This preparation is a good fungicide against fusarium, polysporosium infection, as well as against other diseases in the same manner as "granozan." -- A. M. Smirnov.

Card 1/1

ZVYAGINTSEVA, G.P.

Tayekina, N.M. i Zvyagintseva, G.P.

33877. Laboratornoye Izucheniye Otklonyeniy Fazy Vyenyery. Byullyetyen: Vsyesoyuz. Astron. - Gyeodyez. O-va, N o 7, 1949, C. 22-23. Bibliogr: 5 Nazv.

SO: Letopis' Zhurnal'nykh Statey, Vol. 46, Moskva, 1949.

AUTHORS: Semenov, A.A., Kvavadze, D.K., Nazarova, L.G. and Zvyagintseva, I.I. SOV/55-58-1-13/33

TITLE: The Investigation of the Properties of Reflection of Some Systems With a Periodic Structure (Issledovaniye otrazhatel'nykh svoystv nekotorykh sistem, imeyushchikh periodicheskuyu strukturu)

PERIODICAL: Vestnik Moskovskogo universiteta, Seriya fiziko-matematicheskikh i yestestvennykh nauk, 1958, Nr 1, pp 107-114 (USSR)

ABSTRACT: The paper contains the results of an experimental investigation of the reflection of electro-magnetic waves 1) from metal grids with different grid constants d and wire radii r, 2) from the system screen - grid with different parameters. To 1): Case a: The vector E of the wave lies in the grid plane parallel to the axis of the wire. It is stated that for d = const the radius r influences the reflection only then essentially if d/λ is relatively small. The theoretical results obtained by Yampol'skiy [Ref 6] are confirmed by the experiment only for angles of incidence up to 50° . Case b: The vector H of the wave lies in the grid plane perpendicular to the axis of the wire. For large d/λ the influence of r also here is very little. To 2): Let the reflecting grid be replaced by a conducting plane and a rotating

grid. It is stated that the coefficient of reflection can be diminished essentially by the introduction of the grid. There are 9 references, 3 of which are Soviet, 4 German, 1 Canadian, and 1 American.

ASSOCIATION: Kafedra rasprostraneniya, izlucheniya i kanalizatsii radiovoln (Chair of Propagation, Emission, and Guiding of Radio Waves)

SUBMITTED: February 16, 1957

SKRYABIN, G.K.; ZVYAGINTSEVA, I.S.; SOKOLOVA, L.V.

Transformation of hydrocortisone, cortisone and their derivatives by a culture of Mycobacterium sp. 193. Izv. AN SSSR. Ser. biol. no.5:715-720 S-O '64. (MIRA 17:9)

1. Institut mikrobiologii AN SSSR, Moskva.

ZVYAGINTSEVA, I.S.

Effect of the natural habitat of mycobacteria on their capacity to transform steroids. Mikrobiologiia 33 no.5:772-776 S-O '65. (MIRA 18:3)

1. Institut mikrobiologii AN SSSR.

SKRYABIN, G.K.; ZVYAGINTSEVA, I.S.; NAZARUK, M.I.; SOKOLOVA, L.V.

Effect of oxidation-reduction potential on the transformation of hydrocortisone by the Mycobacterium globiforme 193 culture. Dokl. AN SSSR 161 no.2:472-474 Mr '65. (MIRA 18:4)

1. Institut mikrobiologii AN SSSR. Submitted October 2, 1964.

RAUTENSHTEYN, Ya.I.; KHAVINA, E.S.; ZVYAGINTSEVA, I.S.; SKRYABIN, G.K.

Bacteriophage of the steroid dehydrating culture of Mycobacterium globiforme (strain 193). Izv. AN SSSR. Ser. biol. 31 no.1:141-145 Ja-F '66. (MIRA 19:1)

1. Institut mikrobiologii AN SSSR. Submitted July 10, 1965.

ZVYAGINTSEVA, I.S.; SKRYABIN, G.K.

Dehydration of steroids by mycobacteria. Izv. AN SSSR. Ser. biol. no.4:525-532 Jl-Ag '64. (MIRA 17:10)

1. Institut mikrobiologii AN SSSR.

ZVYAGINTSEVA, I.S.; SKRYABIN, G.K.

Dissociation of the Mycobacterium globiforme 193 culture and its capacity to dehydrate steroids. Mikrobiologiia 34 no.3:461-464 My-Je '65. (MIRA 18:11)

1. Institut mikrobiologii AN SSSR.

ZVYAGINTSEVA, K. (Kemerovo)

Important economic problems of technological progress..
Vop. ekon. no.10:15-24 O '59. (MIRA 12:12)
(Kuznetsk Basin--Coal mines and mining)

ZVYAGINTSEVA, K.M.

Expansion of open-pit mining in the Kuznetsk Basin. Ugol' 34 no.7:8-10 Jl '59. (MIRA 12:10)

1. Kemerovskiy gornyy institut.
(Kuznetsk Basin--Strip mining)

ZVYAGINTSEVA, K.M.; ZENKOV, S.N.; KOZHEVIN, V.G.; POPOV, V.E.; SENDERZON, E.M.. Prinimali uchastiye: KOKORIN, P.I., prof.; KULIBABA, A.N., dotsent; LINDENAU, N.I.; ZHURAVLEV, A.M.; STOLBOV, M.V.; CHETYRKIN, M.I., otv.red.; KOROVENKOVA, Z.A., tekhn.red.

[Kuznetsk Coal Basin; a statistical handbook] Kuznetskii ugol'nyi bassein; statisticheskii spravochnik. Moskva, Ugletekhizdat, 1959. 390 p. (MIRA 12:8)

1. Kemerovo. Gornyy institut. 2. Sotrudniki kafedry ekonomiki Kemerovskogo gornogo instituta (for Zvyagintseva, Popov, Kokorin, Kulibaba). 3. Kombinat Kuzbassugol' (for Zenkov, Lindenau, Zhuravlev, Stolbov). 4. Kemerovskiy sovnarkhoz (for Kozhevin). 5. Sibirskoye otdeleniye AN SSSR (for Senderzon).
(Kuznetsk Basin--Coal mines and mining--Statistics)

ZVYAGINTSEVA, Klavdiya Mikhaylovna; ISLANKINA, T.F., red.; ATRO-[redacted], L.Ya., tekhn.red.

[Open-pit and hydraulic coal mining] Otkrytyi i gidravlicheskii sposoby dobychi uglia. Moskva, Izd-vo "Znanie," 1959. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniu politicheskikh i nauchnykh znanii. Ser.4, Nauka i tekhnika, no.23) (MIRA 12:9)

(Coal mines and mining)

Puti Povysheniya Proizvoditel'Nosti Truda Na Shakntakh Kuzbassa (Methods of Increasing the Productivity of Labor in the Kizbas Mines, by) V. E. Popov I K. M. Zvyagintseva. Moskva, Ugletekhizdat, 1956.

69 P. Diagrs., Graphs, Tables (Nauchno-proizvodstvennaya Literatura Po Voprosam Ekonomiki)

ZVYAGINTSEVA, K.M., inzh.

New type of coal section under conditions of the Kuznetsk Basin. Izv. vys. ucheb. zav.; gor. zhur. no.8:76-80 '61. (MIRA 15:5)

1. Kemerovskiy gornyy institut. Rekomendovana kafedroy ekonomiki i organizatsii proizvodstva Kemerovskogo gornogo instituta.

(Kuznetsk Basin—Coal mines and mining)

ZVYAGINTSEVA, K., dotsent, kand.ekonom.nauk

Coal is a valuable chemical raw material. Sov. shakht. 12 no.6: 45-46 Je '63. (MIRA 16:9)

1. Kemerovskiy gornyy institut.
(Coal) (Chemical industries)

ZVYAGINTSEVA, Klavdiya Mikhaylovna; KOSTIN, N.A., retsenzent

[Coal industry as a raw material base of the chemical industry] Ugol'naia promyshlennost' kak syr'evaia baza khimicheskoi industrii. Moskva, Nedra, 1965. 48 p. (MIRA 18:7)

ZVYAGINTSEVA, Klavdiya Mikhaylovna

[Economics of strip mining of coal for coking] Ekonomika otkrytoi dobychi uglei dlia koksovaniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 83 p. (MIRA 15:3)

(Strip mining) (Coal mines and mining)

POPOV, Vitaliy Erastovich; ZVYAGINTSEVA, Klavdiya Mikhaylovna; KUNDIN, M.B., otvetstvennyy redaktor; SOKOVA, V.A., redaktor izdatel'stva; ALADOVA, Ye.I., tekhnicheskiy redaktor

[Ways of increasing labor productivity in mines of the Kuznetsk Basin] Puti povysheniia proizvoditel'nosti truda na shakhtakh Kuzbassa. Moskva, Ugletekhizdat, 1956. 69 p. (MLRA 10:1)
(Kuznetsk Basin--Coal mines and mining)

ZVYAGINTSEVA, Klavdiya Mikhaylovna; SLIPENKO, Klara Konstantinovna; LIVYANT, E., red.

[Raw materials resources for the chemistry of the Kuznets Basin and Altai] Syr'evaia baza khimii Kuzbassa i Altaia. Kemerovo, Kemerovskoe knizhnoe izd-vo, 1964. 62 p. (MIRA 18:3)

L 18008-66 EWT(m)/EWP(j)/T/EWP(t) JD/WW/WB/RM
ACC NR: AP6004319 SOURCE CODE: UR/0303/65/000/005/0052/0057

AUTHOR: Orzhakhovskiy, M. L.; Zvyagintseva, N. V.

ORG: none

TITLE: The relation of the thickness of epoxy and polyester coatings on metals and concrete to their durability in liquid corrosive media

SOURCE: Lakokrasochnyye materialy i ikh primeneniye, no. 5, 1965, 52-57

TOPIC TAGS: protective coating, epoxy plastic, polyester plastic, lacquer

ABSTRACT: A study was made of the characteristics of self-dried coatings based on a polyethylenepolyamine-cured epoxy lacquer (CHS-epoxy-2000 resin and dibutyl phthalate in the ratio of 10:1) and on PE-214 polyester lacquer. The coatings were applied on steel surfaces (cleaned by blasting with metal shot) and on plastered concrete surfaces. The porosity of the coatings was determined from their electrical resistance and changes in this resistance under the action of water. It is pointed out that the porosity of epoxy and polyester coatings is unsatisfactory in the resistance drops by 2 to 5 orders of magnitude in 24 hr. The lower limit of the

Card 1/2 UDC: 667.613.3

thickness of epoxy and polyester coatings (also known as the critical thickness) was found to be 100-110μ on shot-blasted steel surfaces, 25-50μ on untreated surfaces of thin-sheet steel, and 240-300μ on the surface of plastered concrete. The durability of a coating in liquid corrosive media is determined by its working thickness. For metal coating, this thickness is the difference between the total and critical thickness, and for coatings on concrete, the total thickness of the coating. For epoxy and polyester coatings, there is a direct relation between the service life and the working thickness. This makes it possible to adopt the specific service life of a coating (expressed in units of time (hr) per 100μ of its working thickness) as a measure of its durability. Orig. art. has: 10 figure, 1 table.

SUB CODE: 11/ SUBM DATE: 00/ ORIG REF: 005/ OTH REF: 002

ZVYAGINTSEVA, S.G., doktor meditsinskikh nauk

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

Exudative diathesis. Zdorov'e 2 no.8:18-19 Ag '56. (MLRA 9:9)
(DIATHESIS) (CHILDREN--CARE AND HYGIENE)

ZVYAGINTSEVA, S. G.:
Min Health USSR. Central Inst for the Advanced Training of Physicians.

ZVYAGINTSEVA, S. G.: "Bronchial asthma in Children." Min Health USSR. Central Inst for the Advanced Training of Physicians. Moscow, 1956.
(Dissertation for the Degree of Doctor in Medical Sciences)

SO: Knizhnaya Letopis', No 20, 1956.

ZIYAOINTSEVA, S.G.

Clinical aspect and therapy of bronchial asthma in children. Sovet.med. no.3:17-20 Mr '50. (CIML 19:2)

1. Of the Department of Pediatrics, Central Institute for the Advanced Training of Physicians (Head of Department -- Prof. G.N.Speranskiy).

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

ZVIAGINTSEVA S G.

Klinika i lechenie bronkhial'noi astmy u detei. /Clinical aspect and therapy of bronchial asthma in children/ Sovet. med. No. 3 Mar 50 p. 17-20.

1. Of the Department of Pediatrics, Central Institute for the Advanced Training of Physicians (Head of Department — Prof. G. N. Speranskiy).

CIML Vol. 19, No. 2 Aug. 1950

Polteva, Yu. K. and Zvyagintseva, S. G. "Feeding of hypotrophic infants more than one year old," Trudy VI Vsesoyuz. s'yezda det. vrachey, posvyashch. pamyati prof. Filatova, Moscow, 1948, p. 84-88

SO: U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, No. 3, 1949)

"Exudative Eczema in Young Children," Fel'dsher i

Akusher, No. 2, 1948.

USSR/Medicine - Antibiotics Feb 53

"Administration of Synthomycin in the Treatment of Toxicosis of Enteric Origin in Infants," S. G. Zvyagintseva and B. V. Popovich, Dept of Pediatrics, Cent Inst for Advanced Training of Physicians

Sovetskaya Meditsina, Vol 17, No 2, pp 3-6

Clinical observations indicate that synthomycin is a highly effective drug for the treatment of toxicoses which disappear soon after synthomycin has been administered. Effectiveness of synthomycin has been explained by its bacteriostatic activity upon the

247T26

intestinal flora irrespective of its exogenic or its endogenic origin. The newly synthesized Soviet antibiotic, levomycetin, is far superior to synthomycin in effectiveness and does not produce such extensive secondary complications.

247T26

ZVYAGINTSEVA, S.G.

[Rickets] Rakhit. Moskva, Medgiz, 1954. 9 p. (MIRA 8:4)
(Rickets)

DOMBROVSKAYA, Yu.F., prof. otv. red.; ZVYAGINTSEVA, S.G., prof. red.; SOKOLOVA, T.S., prof., red.; GAMBURG, R.L., prof., red.

[Current problems of the physiology and pathology of childhood] Sovremennye problemy fiziologii i patologii detskogo vozrasta. Moskva, Meditsina, 1965. 317 p. (MIRA 18:6)

1. Deystvitel'nyy chlen AMN SSSR (for Dombrovskaya).

ZVYAGINTSEVA, S.G., prof.; BAKLANOVA, V.F., kand.med.nauk; GROMOVA, R.V.; LEVINA, S.M.; SHIRYAYEVA, I.P.

Subendocardial fibroelastosis in children. Pediatriia 41 no.5:38-44 My '62. (MIRA 15:5)

1. Iz kafedry pediatrii (zav. - deystvitel'nyy chlen AMN SSSR prof. G.N. Speranskiy) TSentral'nogo instituta usovershenstvovaniya vrachey (rektor M.D. Kovrigina) i Detskoy bol'nitsy No.9 imeni F.E. Dzerzhinskogo (glavnyy vrach A.N. Kudryasheva).
(HEART--DISEASES)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

BARKHANOVA, V.F.; EVDOKIMOVA, S.G.; ZUBKOVA, V.I.; TYURKYAN, R.A.

Staphylococcal pneumonias in infants. Pediatriia 38 no. 3:13-19 Mr '60. (MIRA 14:1)

(PNEUMONIA) (STAPHYLOCOCCAL INFECTIONS)
(INFANTS—DISEASES)

ZVIAGINTSEVA, Sofiya Georgiyevna

[Bronchial asthma in children] Bronkhial'naia astma u detei. Moskva, Medgiz, 1958. 206 p. (MIRA 13:8)
(ASTHMA)

SPERANSKIY, G.N.; ZVYAGINTSEVA, S.G.; POLTEVA, Yu.K.; DRYUBIN, G.R., red.

[Feeding the healthy and ill child] Pitanie zdorovogo i bol'nogo rebenka; kratkoe posobie dlia vrachei. Moskva, TSentr.in-t usovershenstvovaniia vrachei, 1959. 70 p.
(MIRA 13:2)

(DIET IN DISEASE) (CHILDREN--NUTRITION)

ZVYAGINTSEVA, S.G.; TOBOLIN, V.A.

"Erythroblastosis fetalis," edited by A.F. Tur. Reviewed by S.G. Zviagintseva, V.A. Tobolin. Pediatriia 37 no.3:85-87 Mr '59. (MIRA 12:4)

(ERYTHROBLASTOSIS FETALIS) (TUR, A.F.)

Name: ZVIAGINTSEVA, Sofiya Georgiyevna

Dissertation: Bronchial asthma in children

Degree: Doc Med Sci

Affiliation: [not indicated]

Defense Date, Place: 13 Mar 56, Council of Central Inst for Advanced Training of Physicians

Certification Date: 26 May 56

Source: BMVO 4/57

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

ARUTYUNOV, V.Ya., prof.; BERKOVICH, I.M., doktor med.nauk; BUNIN, K.V., prof. VELIKORETSKIY, A.N., prof.; GAMBURG, R.L., doktor med.nauk; GLASKO, N.M.; ZVYAGINTSEVA, S.G., doktor med.nauk; IVENSKAYA, A.M., kand.med. nauk; KALUGINA, A.N, kand.med.nauk; KAMINSKAYA-PAVLOVA, Z.A., prof. KVATER, Ye.I., prof.; KOLEN'KO, A.B., prof.; KOSSYURA, M.B., kand. med.nauk; KRAVETS, E.M., doktor med.nauk; KRISTMAN, V.I., kand.med. nauk; KRUZHKOV, V.A., dotsent; LIKHACHEV, A.G., prof.; LUKOMSKIY, I.G., prof.; MASHKOVSKIY, M.D., prof.; ROZENTAL', A.S., prof.; SERBYSKIY, M.Ya. [deceased], prof.; TURETSKIY, M.Ya., kand.med.nauk; KHESIN, Ye.Ye., dotsent; EMDINA, Kh.L., kand.med.nauk; SHABANOV, A.N., prof.; red.; BONDAR', Z.A., red.; ZAKHAROVA, A.I., tekhn.red.

[Medical handbook for feldshers] Meditsinskii spravochnik dlia fel'dsherov. Izd. 6-oe, perer. i dop. Moskva, Gos. izd-vo med. lit-ry, 1957. 899 p. (MIRA 10:12)
(MEDICINE--HANDBOOKS, MANUALS, ETC.)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

DOLETSKIY, S.Ya., kand.med.nauk; ZVYAGINTSEVA, S.G., doktor med.nauk

Semiotics of vomiting in the newborn and in infants during their first weeks of life. Pediatriia no.11:47-53 N '57. (MIRA 11:2)

1. Iz kafedry khirurgii detskogo vozrasta (zav. - chlen-korrespondent AMN SSSR prof. S.D.Ternovskiy) II Moskovskogo meditsinskogo instituta imeni N.I.Pirogova i kafedry pediatrii (zav. - deystvitel'nyy chlen AMN SSSR prof. G.N.Speranskiy)

(INFANTS--DISEASES) (VOMITING)

ZVIAGINTSEVA, T.

Active member Olga Kaurova. Kryl.rod. 2 no.3:13 Mr '51. (MLRA 10:2)
(Kaurova, Olga Fedorovna)

ZVYAGINTSEVA, T.

Group leader. Kryl.rod. 2 no.6:15-16 Je '51. (MLRA 8:8)
(Starostin, Petr Petrovich)

SVIAGINTSEVA, I.V.

Detection of long-eared hedgehogs Hemiechinus auritus Gmel. infected with cutaneous leishmaniasis in Syr Darya Province of the Uzbek S.S.R. Med. paraz. i paraz. bol. 34 no.3:347-349 My-Je '65. (MIRA 18:7)

1. Uzbekskiy institut eksperimental'noy meditsinskoy parazitologii i gel'mintologii, Samarkand.

AGANIN, I.Kh.; MARKOVA, Ye.V.; ZVYAGINTSEVA, V.I.

Determination of optimum conditions for chemical processes by the use of methods of mathematical statistics. Khim.prom. no.12:843-849 D '61. (MIRA 15:1)

(Chemical reaction—Conditions and laws)

GOROZHANKIN, K.A.; ZVYAGINTSEVA, V.I.

Transistor device for sorting ferrite rings. Priborostroenie no.5:17-18 My '63. (MIRA 16:8)

ZVYAGINTSEV, V.V., inzh.

Steam turbines manufactured by the Lenin Neva Plant for compressor driving. Trudy NTO chern. met. 20:141-151 '60. (MIRA 13:10)

1. Nevskiy zavod im. V.I.Lenina (NZL).
(Steam turbines)

5(4)

AUTHORS: Shatenshteyn, A. I. Zvyagintseva, Ye. N. SOV/79-29-5-73/75

TITLE: Investigation of the Mechanism of Acid - Basic Reaction by the Method of Deuterium Exchange (Izucheniye mekhanizma kislotno-osnovnogo vzaimodeystviya metodom deyteroobmena)

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 5, p 1751 (USSR)

ABSTRACT: A determination was made of the velocity constants in the reaction between the amines $C_6H_2D_3N(CH_3)_2$, $(C_6H_2D_3)_2NCH_3$ and $(C_6H_2D_3)_3N$ and the acids acetic acid, formic acid, monochloroacetic acid, trichloro acetic acid, trifluoroacetic acid and hydrobromic acid (Table). The reaction scheme according to Brönsted was found to be inadequate. Further investigations are to provide more accurate values. There are 1 table and 2 Soviet references.

ASSOCIATION: Fiziko-khimicheskiy institut imeni L. Ya. Karpova (Physico-chemical Institute imeni L. Ya. Karpov)

SUBMITTED: February 6, 1959

Card 1/1

TI-IN, M.I.; ZVOSKOVA, N.S., starshiy agronom; LEYN, Z.Ya.; ZVYAGINTSEVA, Ye.I.; MARINICH, P.Ye., red.; ZABORSKIY, N.I., red.; PECHENKIN, I.V., tekhn. red.

[New corn hybrids Bukovine 3 and Bukovina 2; results of state crop variety tests] Novye gibridy kukuruzy Bukovinskii 3 i Bukovinskii 2; rezul'taty gosudarstvennogo sortoispytaniia. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1960. 45 p. (MIRA 14:8)

1. Russia(1923- U.S.S.R.) Gosudarstvennaya komissiya po sortoispytaniyu sel'skokhozyaystvennykh kul'tur. 2. Zaveduyushchaya khimicheskoy laboratoriyey Gosudarstvennoy komissii po sortoispytaniyu sel'skokhozyaystvennykh kul'tur pri Ministerstve sel'skogo khozyaystva SSSR (for Leyn). 3. Zamestitel' predsedatelya Gosudarstvennoy komissii po sortoispytaniyu sel'skokhozyaystvennykh kul'tur pri Ministerstve sel'skogo khozyaystva SSSR (for Marinich).

(Corn (Maize)—Varieties)

AUTHORS: Shatenshteyn, A. I., and Zvyagintseva, Ye. N. 20-117-5-35/54

TITLE: On the Influence of the Properties/Interaction of Intramolecular Deuterium Exchange (O vliyanii osobennostey mezhdumolekulyarnogo vzaimodeystviya na zakonomernosti deyteroobmena).

PERIODICAL: Doklady AN SSSR, 1957, Vol. 117, Nr 5, pp. 852-855 (USSR).

ABSTRACT: The present paper shows the following: It is possible to explain the greater velocity of the hydrogen exchange with the amphoteric solvents (quinaldine and picoline) by a modification of the valence state of the nitrogen atom in these methylisated heterocyclic compounds, (as opposed to the protophilic liquid ammonia). Up to now, an immediate comparison of the velocity of the deuterium exchange with alcoholes and liquid ammonia was missing. The present investigation, therefore, is conducting experiments with hydrocarbons (indene and fluorene) and with ketones (azetophenone and β-naphtylmethyl ketone). Above all, it was shown, that the same hydrogen atoms are exchanged with both solvents, that is to say, the atoms of the CH_2 group in the indene and the fluorene, and the atoms of the CH_3 group in the remaining substances. The deuterium introduced into the substance by an exchange with C_2H_5OD was washed out in a subsequent treatment with

Card 1/2

On the Influence of the Properties of Intramolecular Interaction on the Rules of Deuterium Exchange. 20-117-5-35/54

liquid ammonia. (invers exchange). A marginal observation is shortly discussed. The exchange of hydrogen in hydrocarbons and in ketones takes place much faster with liquid ammonia at low temperatures than with ethanole. Numerical data on these processes are given. The experiments on the inverse exchange were conducted with quinaldine, which previously was deuterised. By means of a determination of the physical constants it was proved, that the substances do not change during the experiments. A few of the substances given here behave like very weak acids at a dissolution in liquid ammonia. The results obtained here speak in favour of the fact, that the velocity of the exchange reaction increases at an increase of the polarity and of the concentration of the complex with the heterocyclic part. A comprehensive survey of the facts discussed in this paper proves, that the rules of the deuterium exchange show a strong dependence on the peculiarities of the intramolecular interaction in the solutions. There are 1 figure, 1 table, and 12 references, 6 of which are Slavic.

ASSOCIATION: Physical-Chemical Institute imeni L. Ya. Karpov (Fiziko-khimicheskiy institut imeni L. Ya. Karpova).

PRESENTED: May 24, 1957, by A. N. Terenin, Academician.
SUBMITTED: May 14, 1957.

Card 2/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

SHATENSHTEYN, A.I.; ZVYAGINTSEVA, Ye.N.; OVCHINNIKOVA, Z.N.

Study of the acid-base interaction between aromatic amines and carboxylic acids by the deuterium exchange method. Zhur.ob.khim. 31 no.5:1432-1440 My '61. (MIRA 14:5)

1. Fiziko-khimicheskiy institut imeni L.Ya.Karpova.
(Amines) (Acids, Organic) (Deuterium)

ZAVYALOVA, Te.N.; SHATENSHTEYN, A.I.

Polymerization of methyl acrylate, methacrylonitrile, and acrylonitrile initiated by a solution of KNH_2 and suspensions of $LiNH_2$ and $Ba(NH_2)_2$ in liquid NH_3 and solid KNH_2. Vysokom. soed. 7 no.3:423-426 Mr '65. (MIRA 18:7)

1. Fiziko-khimicheskiy institut imeni L.Ya. Karpova.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

SHATENSHTEYN, A. I., ZVYAGINTSEVA, Ye. N., YAKOVLEVA, Ye. A., IZRAILEVICH, Ye. A.
VARSHAVSKIY, Ya. M., LOZHKINA, M. G., VEDENEYEV, A. V.

"Acid-Base Catalysis of the Reaction of Isotopic Hydrogen Exchange."

Problemy Kinetics and Catalysis, v. 9, Isotopes in Catalysis, Moscow, Izd-vo AN SSSR, 1957, 442p.

Most of the papers in this collection were presented at the Conf. on Isotopes in Catalysis which took place in Moscow, Mar 31-Apr 5, 1956.

[Isotopic analysis of water] Izotopnyi analiz vody. Izd. 2-oe.
Moskva, Izd-vo Akad.nauk SSSR, 1957. 235 p. (MIRA 11:2)
(Water--Analysis) (Hydrogen--Isotopes)
(Oxygen--Isotopes)

SHATENSHTEYN, A.I.; ZAVGORODNYAYA, Ye.N.; YAKOVLEVA, Ye.A.; IZRAILEVICH, Ye.A.; VARSHAVSKIY, Ya.M.; LOZHKINA, M.G.; VENDENEYEV, A.V.

Acid-base catalysis of the hydrogen isotope exchange reaction. Probl. kin. i kat. 9:218-233 '57. (MIRA 11:3)

(Catalysis) (Hydrogen--Isotopes)

YAKIMENKO, L.M.; SHATENSHTEYN, A.I.; RABINOVICH, M.A.; YAKOVLEVA, Ye.A.; BORISOVA, Z.M.; ZVYAGINTSEVA, Ye.N.

Preparing protium and protium oxide. Zhur. neorg. khim. 2 no.11:2507-2512 N '57. (MIRA 11:3)

(Hydrogen--Isotopes)

KURNAKOV, Nikolay Semenovich; CHERNYAYEV, I.I., akademik, otv. red.; ZVYAGINTSEV, O.Ye., doktor khim. nauk, otv. red.; BOGUSH, O.F., red.; BELOVA, V.I., red.; SIMKINA, G.S., tekhn. red.

[Works on the chemistry of complex compounds] Trudy po khimii kompleksnykh soedinenii. Moskva, Izd-vo Akad. nauk SSSR, 1963. 154 p. (MIRA 16:4)

(Complex compounds)

S/078/63/008/003/017/020
B117/B186

AUTHORS: Zvyagintsev, O. Ye., Gonoharov, Ye. V.

TITLE: Neodymium hydrooxo glycinate and hydrooxo alaninate

PERIODICAL: Zhurnal neorganicheskoy khimii, v. 8, no. 3, 1963, 769-770

TEXT: The above compounds were separated out by the action of organic solvents on stoichiometric mixtures of solutions. A pink-colored powder, insoluble in water, methanol, acetone, ether, and benzene, was obtained by the action of methyl alcohol on a stoichiometric mixture of sodium glycinate and $NdCl_3$ solutions (2:1). The thermogram for this substance showed three endothermic reactions: separation of three water molecules at 106°C, separation of one water molecule at 135°C, and decomposition of the dehydrogenated salt at 250°C. These data suggest the following structure for the compound: $[Nd(OH)Cl_2(H_2O)] \cdot 3H_2O$. A pink-colored powder, insoluble in acetone, benzene, and ether, soluble in methanol, and unstable in water, was produced from $5(CH_3)_2CO+2AnNa+NdCl_3$,

Neodymium hydrooxo glycinate ...

where An = alanine. The thermogram for the resulting substance showed four endothermic reactions: three water molecules separated successively at 100, 110, and 140°C, and the salt decomposed at 280°C. These data suggest the following structure for the compound: $[Nd(OH)An_2(H_2O)]\cdot 2H_2O$.

There are 2 figures.

SUBMITTED: October 6, 1962

ZVYAGINTSEV, O.Ye.; LOPATTO, Yu.S.

Tetracyclic oxycarbonate complex compounds of trivalent iron.
Zhur.neorg.khim. 7 no.6:1272-1276 Je '62. (MIRA 15:6)
(Iron compounds) (Alkali metal carbonates)

SINITSYN, N.M.; ZVYAGINTSEV, O.Ye.

Reciprocal effect of atoms and groups in complex nitroso compounds of rhutenium. Dokl.AN SSSR 145 no.1:109-111 Jl '62. (MIRA 15:7)

1. Institut obshchey i neorganicheskoy khimii imeni N.S.Kurnakova AN SSSR. Predstavleno akademikom I.I.Chernyayevym.

(Rhutenium compounds) (Nitroso compounds)

CHUGAYEV, Lev Aleksandrovich; ZVYAGINTSEV, O.Ye., doktor khim. nauk, otv. red.; TRIFONOV, D.N., red.; POLYAKOVA, T.V., tekhn. red.

[L.A.Chugaev; selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR. Vol.3. 1962. 490 p. (MIRA 15:8)
(Chugaev, Lev Aleksandrovich, 1873-1922) (Chemistry)

SHUBOCHKINA, Ye.F.; ZVYAGINTSEV, O.Ye.

Influence of inner-sphere ligands on the rate of substitution in the octahedral complexes of platinum. Zhur. neorg. khim. 9 no.8:1785-1792 Ag '64. (MIRA 17:11)

ZVIAGINTSEV, S.N.

Biological data on black flies in water reservoirs: migration of the larvae in the Kuybyshev Reservoir. Med.paraz.i paraz.bol. no.1:9-15 '62. (MIRA 15:5)

1. Iz entomologicheskogo otdela (zav. - prof. V.N. Beklemishev) Instituta meditsinskoy parazitologii i tropicheskoy meditsiny imeni Ye.I. Martsinovskogo (dir. - prof. P.G. Sergiyev) Ministerstva zdravookhraneniya SSSR.

(KUYBYSHEV RESERVOIR—BLACK FLIES)

ZVYAGINTSEV, S.N.

On black fly breeding in Kuybyshev Reservoir. Med.paraz.i paraz. bol. 29 no.1:62-66 Ja-F '60. (MIRA 13:10)
(KUYBYSHEV RESERVOIR--BLACK FLIES)

SVYAGINTSEV, S.N.

Materials on the biology of blackflies (Diptera, Simulidae) in water reservoirs. Distribution of larvae under conditions of the harnessed Volga. Med. paraz. i paraz. bol. 34 no.1:32-38 Ja-F '65. (MIRA 18:8)

1. Otdel entomologii Instituta meditsinskoy parazitologii i tropicheskoy meditsiny imeni Ye.I.Martsinovskogo Ministerstva zdravookhraneniya SSSR, Moskva.

ZVYAGINTSEV, S. N.

"Methods of Predicting the Anopheles Population in the Water Reservoirs to Be Built in the Plains Area of the USSR," Sub. 7 Apr 47, Inst of Malaria, Medical Parasitology and Helminthology, Acad Med Sci USSR.

Dissertations presented for degrees in science and engineering in Moscow in 1947.

SO: Sum.No.457, 18 Apr 55

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

ZVYAGINTSEV, S. N. (CAND. Biolog. Sci.)

Dissertation: "Methods of Predicting the Anopheles Population in the Water Reservoirs to be Built in the Plains Area of the USSR." Inst of Malaria, Medical Parasitology and Helminthology, Acad Med Sci USSR, 7 Apr 47

SO: Vechernyaya Moskva, Apr, 1947 (Project #17836)

SERGIYEV, P.G.; KASHINA, M.G.; VASIL'KOVA, Z.G.; PROKOPENKO, L.I.; LYSENKO, A.Ya.; ZVYAGINTSEV, S.N.; OLIFAN, V.I.; BANDIN, A.I.; RAKHMANOVA, P.I.; TIMOFEYEVA, L.V.; BUYANOVA, O.F.

In memory of A.D.Polumordinov. Med.paraz.i parazit.bol. no.3:287 My-Je '53. (MLRA 6:8)

(Polumordinov, Arsenii Dmitrievich, 1902-1953)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

"Project Data for Designing Additional Plant and a Block of 300 000 kW capacity for Operation with Steam of the Initial Parameters 300 atm, 650° C."

The Commission for High-parameter Steam of the Energeticheskiy institut (Power Institute) imeni G. M. Krzhizhanovskogo AN SSSR held a conference on May 16, 1958 devoted to new types of equipment for block-assembled power stations, operating at super-critical steam parameters. This paper was read at this conference.

Izv. Akad Nauk SSSR, Otdel Tekh nauk, 1958, No. 7, p. 152

SOV/96-58-9-20/21

AUTHOR: Belinskiy, S.Ya. (Candidate of Technical Science)

TITLE: A Conference on New Types of Equipment for Unit-type Power Stations employing Super-critical Steam Conditions (Soveshchaniye po voprosam novykh tipov oborudovaniya dlya blochnykh elektrostantsiy na sverkhkriticheskiye parametry para)

PERIODICAL: Teploenergetika, 1958, Nr 9, pp 92 - 95 (USSR)

ABSTRACT: A Conference on new types of equipment for unit-type power stations operating on super-critical steam conditions was called by the High Temperature Steam Commission of the Power Institute of the Academy of Science of the USSR on 14th-16th May, 1958. It was attended by more than 150 representatives of power equipment manufacturers, design organisation research institutes and of GOSPLAN USSR and RSFSR, the Ministry of Power Stations and the Scientific-Technical Committee of the USSR. Engineer S.I. Molokanov read a report on 'The prospective application of large unit sets with super-critical steam conditions'. An article of similar content by this author is published in this issue of this journal. Candidate of Technical Science

Card 1/4

A Conference on New Types of Equipment for Unit-type Power Stations Employing Super-critical Steam Conditions

N.L. Oyvin, of Teploelektroproyekt, gave a report entitled 'Technical tasks in designing the main equipment for initial steam conditions of 240 at and 580°C'. Candidate of Technical Science V.P. Studenskiy, also of Teploelektroproyekt, dealt with 'The design of the thermal part of a 2400-MW regional power station'. Engineer V.A. Zvyagintsev, of Teploelektroproyekt, gave important information about the design of superposed equipment and 300-MW unit-type sets for steam conditions of 300 at. and 620C. Doctor of Technical Science V.P. Romadin reported upon 'Investigations of the All-Union Thermo-Technical Institute into super-critical steam conditions and associated problems'. Candidate of Technical Science A.V. Levin gave information about turbines of 300 - 400 MW for steam conditions of 240 at., 580°C and 300 at., 650°C, developed by the Leningrad Metal Works. Candidate of Technical Science M.A. Ploskovitov, of the Central Boiler Turbine Institute, described 'A design for a direct-flow boiler of 710 tons per hour at 315 at. and 655°C'. Candidate of

A Conference on New Types of Equipment for Unit-type Power Stations Employing Super-critical Steam Conditions

Technical Science K.A. Rakov, of the All-Union Thermo-Technical Institute, spoke on 'Development of the thermo-technical bases of super-high-output boiler sets for super-critical pressure' and Engineer V.M. Biman, of ORGENERGOSTROY, gave a report entitled 'Development of the design of a boiler set for 300 at., 650°C, for a 300-MW unit'. A report by Doctor of Technical Science Ya.M. Rubinshteyn, of the All-Union Thermo-Technical Institute, was entitled 'The selection of method of drive for feed pumps for a power station with an initial pressure of 300 at.'. Doctor of Technical Science A.A. Lomakin, of the Leningrad Metal Works, recounted the design of feed pumps for very large unit sets running at super-critical steam conditions. Doctor of Technical Science L.D. Berman, of the All-Union Thermo-Technical Institute, discussed 'The provision of high-density condensers for steam turbines in unit-type power stations with super-critical conditions'. Candidate of Technical Science A.E. Gel'tman, of the Central Boiler Turbine Institute, reported on 'The

A Conference on New Types of Equipment for Unit-type Power Stations Employing Super-critical Steam Conditions

selection of parameters and characteristics for power equipment in regional condensing power stations'. The article contains a brief account of each of the above reports. The resolutions of the meeting noted that, despite considerable improvements in recent years, the efficiency of power equipment, particularly auxiliaries, should still be improved. The main lines that should be followed in designing power stations for unit sets of 300 and 600 MW are stated; this comprises a list of some 15 items raging from methods of fuel drying to the use of welded rotors and cylinders. It was noted that feed pumps take too long to manufacture. Research on metals and the development of equipment for very high steam conditions should be expedited.

1. Steam power plants--USSR

ZVYAGINTSEV, V.A., inzh; FLAKSERMAN, G.Yu., inzh.

Design for expansion and superstruction of state-owned regional electric power plants(thermal part). Teploenergetika 5 no.11:86-89 N '58. (MIRA 11:11)

(Electric power plants)

AUTHOR: Zvyagintsev, V.A., Engineer
Flakserman, G.Yu., Engineer

TITLE: A Project for the Extension and Super-Position of the Thermal Part of a Regional Electric Power Station (Proyekt rasshireniya i nadstroyki GRES (Teplovaya chast'))

PERIODICAL: Teploenergetika, 1958, Nr 11, pp 86-89 (USSR)

ABSTRACT: This article is an abbreviated version of a report to a conference of the High-Pressure Steam Commission of the Power Institute Academy of Sciences USSR held on 14th - 16th May 1958, on questions of new types of equipment for unit-type power stations. The task was to instal equipment for steam conditions of 300 atm and 650°C. including one super-posed unit of 100 MW and one condensing set of 300 MW. The steam conditions are governed by the quality of steel available. The reheat temperature was 570°C. at the boiler and 565°C. at the turbine. The article comprises a detailed description of the proposed extension to the station beginning with the turbine equipment. The fuel-preparation plant is described

A Project for the Extension and Super-Position of the Thermal Part of a Regional Electric Power Station

and a schematic diagram of it is given in Fig.1. Wet-rod ash-arresters are used. The feed-water arrangements and forced-draught equipment are described. It is intended to start boilers and turbines of both units simultaneously, saving all the condensate. The water-treatment equipment is discussed: in view of the lack of operating experience with direct-flow boilers on super-high steam conditions, each unit will have its own group of filters for de-salting condensate. The pipework arrangement and steam fittings are described. Two-stage turbine-driven feed pumps will be used; steam drive is economically justified under these steam conditions but electrically driven pumps will be kept as spares. Reduction and cooling equipment is provided for use when the superposed turbine is in reserve. The proposed power station layout is

A Project for the Extension and Super-Position of the Thermal Part of a Regional Electric Power Station

illustrated in Fig.2; a general view is given on the front cover of the journal and the schematic thermal circuit on the back cover. The 100-MW turbo-generator is arranged across the machine room and the 300-MW generator along it, so that the span is 36 metres. The control equipment is described. The results of technical and economic calculations on the station as a whole and on the 300-MW set are tabulated. There are 2 figures, and 1 table.

ZVYAGINTSEV, V.P., inzh.

New ceramic magnetizing fluxes. Svar.proizv. no.1:22-24 Ja '62.
(MIRA 15:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-tekhnologicheskiy institut ugol'nogo mashinostroyeniya.
(Flux(Metallurgy)--Magnetic properties)(Electric welding)

ZVYAGINTSEV, V.P., inzh.; SYROVATKIN, A.A., inzh.

Granulation of ceramic fluxes by means of a metal brush. Svar. proizv. no.5:25-26 My '61. (MIRA 14:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-tekhnologicheskiy institut ugol'nogo mashinostroyeniya.
(Flux (Metallurgy))

ZAL'F, Geogriy Arturovich, kand. tekhn. nauk; ZVYAGINTSEV, Vasiliy Vasil'yevich, inzh.; STRAKHOVICH, K.I., prof., retsenzent; DORFMAN, L.A., kand. fiz.-mat. nauk, red.; GOFMAN, Ye.K., red. izd-va; BARDINA, A.A., tekhn. red.

[Thermal calculations of steam turbines] Teplovoi raschet parovykh turbin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1961. 290 p. (MIRA 14:6)
(Steam turbines)

Zvyagintsev, V.V.

AID P - 4076

Subject : USSR/Power Eng.

Card 1/1 Pub. 110-a - 1/14

Author : Zvyagintsev, V. V., Eng., Neva Plant im. Lenin

Title : On increasing turbine efficiency by improving blading design.

Periodical : Teploenergetika, 12, 3-8, D 1955

Abstract : The author discusses a possible 1.5% increase in turbine efficiency obtained by changing the profile of blades. A mathematical analysis substantiates the author's opinion. Different blading stages are discussed and some results of laboratory tests are described. The necessity of unifying and standardizing types of blades is emphasized. Two diagrams. One Russian source, (no date), 2 English, 1928, 1938 and 1 German, 1924.

Institution : ~~None~~ Nevskiy Zavod im. Lenin

Submitted : No date

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

BYCHENKOV, S.A., inzhener; ZAL'F, G.A., inzhener; ZVYAGINTSEV, V.V., inzhener; KUZNETSOV, L.A., kandidat tekhnicheskikh nauk.

Investigation of blading of turbines developed by the Nevskiy (Lenin) Machinery Manufacturing Plant. Energomashinostroenie no.10:1-8 O'56. (MLRA 10:1)

(Turbines--Blades)

ZVYAGINTSEV, I.I.

Rostov province - stock and stockbreeding

Changes in the economics of animal husbandry of collective farms in the newly irrigated districts of the Rostov Province. Sots. sel'.khoz. 23, no. 4, 1952.

MONTHLY LIST OF RUSSIAN ACCESSIONS, LIBRARY OF CONGRESS, AUGUST 1952. UNCLASSIFIED.

ZVYAGINTSEV, YA.

Stock and Stockbreeding - Rostov Province

Changes in the economics of animal husbandry of collective farms in the newly irrigated districts of the Rostov Province. Sots. sel'.khoz. 23, no. 4, 1952.

MONTHLY LIST OF RUSSIAN ACCESSIONS, LIBRARY OF CONGRESS, AUGUST 1952. UNCLASSIFIED.

ZVYAGINTSEV, Ya.

Prepare for irrigating in time [Poor work by Ministry of Agriculture], by Director of Rostov Agricultural Economics Institute Ya. Zvyagintsev.

Soviet Source: Pravda, Feb. 12, p. 2.

Current Digest of the Soviet Press (in CIA Library), Vol. 4, No. 6, 1952, p. 44

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

ZVYAGINTSEV, Ya. I.

Zvyagintsev, Ya. I. "Over-all planning in grain kolkhozes", Sbornik rabot (Rost. nauch.-issled. in-t ekonomiki sel. khoz-va), Issue 1, 1949, p. 77-128.

SO: U-411, 17 July 53, (Letopis' Zhurnal 'nykh Statey, No. 20, 1949).

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

ZVYAGINTSEV, Ya I

Sal'skiy Rayon (Salsk Rayon, by) Ya. I. Zvyagintsev, P. I. Rudakov (i dr.)
Moskva, Sel'khozgiz, 1952
310 p. illus., maps, tables.

228N/5
722
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ZVYAGINTSEV, Ye.

DOVZHIK, B.; LEVIN, S.; ZVYAGINTSEV, Ye.

Manuals of wage schedules based on job qualifications. Sots. trud. no.12:39-51 D '56. (MLRA 10:2)

1. Leningradskiy inzhenerno-ekonomicheskiy institut. (for Dovzhik) 2. Ukrainskiy nauchno-issledovatel'skiy institut metallov. (for Levin) 3. Institut "Yuzhgiproruda." (for Zvyagintsev).

(Wages) (Job Analysis)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

ZVYAGINTSEV, Ye.

Classification of methods in time study by means of observation. Sots. trud 5 no.4:103-105 Ap '60. (MIRA 13:9)
(Time study)

DRUZHININ, A.V.; ZVYAGINTSEV, Ye.P.

Using overburden rocks of the Kursk Magnetic Anomaly for making cement. Gor. zhur. no.10:25-27 O '61. (MIRA 14:12)

1. Yuzhgiproruda, g. Khar'kov.
(Kursk magnetic anomaly—Cement)

USSR/Mines and Mining
Mining Methods
Efficiency, Industrial

Apr 1948

"Determination of the Productive Capacity of Open Mines," Ye. P. Zvyagintsev, GlavNeRuda, Kharkov, 2 pp

"Gor Zhur" No 4

In spite of its seeming simplicity, there still exists no recognized method for determining the productive capacity of open pit mines. Attempts to formulate basic method for determining productive capacity.

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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

USSR/Mines and Mining Apr 1948
Mining Methods
Efficiency, Industrial

"Determination of the Productive Capacity of Open Mines," Ye. P. Zvyagintsev, GlavNeRuda, Kharkov, 2 pp

"Gor Zhur" No 4

In spite of its seeming simplicity, there still exists no recognized method for determining the productive capacity of open pit mines. Attempts to formulate basic method for determining productive capacity.

LC 66199

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7

ACC NR: AM6028435 (N) Monograph UR/

Zvyagintsev, Yefim Vasil'yevich; Kaplun, Semen Markovich; Kryuger, Yevgeniy Adol'fovich; Lofenfel'd, Yevgeniy Grigor'yevich; Luchanskiy, Iosif Aleksandrovich; Yanovskiy, Aleksandr Aleksandrovich

Marine screw propellers of variable pitch; manufacture, assembly and testing (Sudovyye grebpyye vinty reguliruyemogo shaga; izgotovleniye, montazh i ispytaniya) [Leningrad] Izd-vo "Sudostroyeniye," 1966. 283 p. illus., biblio. 3,000 copies printed.

TOPIC TAGS: marine engineering, mechanical engineering

PURPOSE AND COVERAGE: The book is intended for technologists, designers, and other specialists interested in the problems of manufacturing, assembling, testing, and maintaining variable pitch propellers. General information is given and design methods and actual forces and moments acting on variable-pitch propellers are discussed. Data on the strength of and materials used in individual parts and methods for increasing their fatigue strength and corrosion resistance are presented. Technological manufacturing process of the main parts variable-pitch propellers, shafts, control mechanisms, as well as associated instruments and attachments, are described. Primary attention has been paid to the assembly and testing of variable-pitch propellers, their installation on vessels,

Card 1/2 UDC: 629.12.002.72.037

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7

ACC NR: AM6032885

and marine tests. There are 12 references, all Soviet.

TABLE OF CONTENTS (abridged):

SUB CODE: 013/ SUBM DATE: 29Dec65/ ORIG REF: 012/

Card 2/2

ZVYAGINTSEV, Yu. (Kharkov)

In the economic laboratory of a regional economic council. Vop. ekon. no.12:153 D '60. (MIRA 13:12)

(Kharkov—Economic research)
(Machinery industry)

ZVYAGINTSEV, Yu.Ye.; SAMSONOV, G.I., inzh., retsenzent; LIBERMAN, Ye.G., doktor ekon. nauk, red.; SALYANSKIY, A.A., red. izd-va; DEMKINA, N.F., tekhn.red.

[Operational planning in pressworking shops] Operativnoe planirovanie v pressovykh tsekhakh. Moskva, Mashgiz, 1963. 136 p. (MIRA 16:7)

(Machinery industry--Management)
(Sheet-metal work)

ZVYAGINTSEV, Yu.Ye., inzhener

Methods of operational analysis in plant and section planning. Vest. mash. 35 no.8:75-78 Ag '55. (MLRA 8:10)
(Job analysis) (Factory management)

DERKACH, V.S.; BELAYA, O.S.; BULATSEL', A.M.; KVYAT, K.M.; TURMAN, Ye.P.; KRAMMER, Ye.V.; ZVYAGINTSEVA, A.M.

Effectiveness of combined antibiotic therapy for chronic dysentery. Zhur.mikrobiol.epid.i immun. no.3:54-59 Mr '55. (MLRA 8:7)

1. Iz mikrobiologicheskogo otdela (zav. prof. V.S.Derkach) Khar'kovskogo instituta vaktsin i syvorotok (dir. kandidat biologicheskikh nauk G.P.Cherkas) i profil'nykh yasley Kar'kova.

(DYSENTERY, BACILLARY, therapy,
antibiotics, combined ther.)
(ANTIBIOTICS, therapy,
dysentery, combined ther.)

ZVYAGINTSEVA, D.G.

Using the method of direct microscopy in studying the adsorption of micro-organisms. Nauch.dokl.vys.shkoly;biol.nauki no.4: 199-203 '58. (MIRA 11:12)

1. Rekomendovana kafedroy biologii pochv Moskovskogo gosudarstvennogo universiteta imeni M.V.Lomonosova.
(SOIL MICRO-ORGANISMS) (ADSORPTION) (MICROSCOPY)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

0

Abs Jour : Ref Zhur - Biol., No 9, 1958, No 39695

Author : Zvyagintseva, E. I.

Inst : State Commission on Variety Testing of Agricultural Crops at the Agricultural Ministry USSR.

Title : New Treatment of Flax Seeds with Fungicide - 50% Thiurad

Orig Pub : Inform. byul. gos. komiss. po sortoispyt. s.-kh. kul'tur pri M-ve s.-kh. USSR, 1957, No 4, 18-21

Abstract : It is established, on the basis of tests conducted over a period of 3 years, that the germination of flax seeds does not diminish when they are treated at the proper time (from $1\frac{1}{2}$ to 6 months before sowing) with fungicide. This preparation is a good fungicide against fusarium, polysporosium infection, as well as against other diseases in the same manner as "granozan." -- A. M. Smirnov.

Card 1/1

ZVYAGINTSEVA, G.P.

Tayekina, N.M. i Zvyagintseva, G.P.

33877. Laboratornoye Izucheniye Otklonyeniy Fazy Vyenyery. Byullyetyen: Vsyesoyuz. Astron. - Gyeodyez. O-va, N o 7, 1949, C. 22-23. Bibliogr: 5 Nazv.

SO: Letopis' Zhurnal'nykh Statey, Vol. 46, Moskva, 1949.

AUTHORS: Semenov, A.A., Kvavadze, D.K., Nazarova, L.G. and Zvyagintseva, I.I. SOV/55-58-1-13/33

TITLE: The Investigation of the Properties of Reflection of Some Systems With a Periodic Structure (Issledovaniye otrazhatel'nykh svoystv nekotorykh sistem, imeyushchikh periodicheskuyu strukturu)

PERIODICAL: Vestnik Moskovskogo universiteta, Seriya fiziko-matematicheskikh i yestestvennykh nauk, 1958, Nr 1, pp 107-114 (USSR)

ABSTRACT: The paper contains the results of an experimental investigation of the reflection of electro-magnetic waves 1) from metal grids with different grid constants d and wire radii r, 2) from the system screen - grid with different parameters. To 1): Case a: The vector E of the wave lies in the grid plane parallel to the axis of the wire. It is stated that for d = const the radius r influences the reflection only then essentially if d/λ is relatively small. The theoretical results obtained by Yampol'skiy [Ref 6] are confirmed by the experiment only for angles of incidence up to 50° . Case b: The vector H of the wave lies in the grid plane perpendicular to the axis of the wire. For large d/λ the influence of r also here is very little. To 2): Let the reflecting grid be replaced by a conducting plane and a rotating

grid. It is stated that the coefficient of reflection can be diminished essentially by the introduction of the grid. There are 9 references, 3 of which are Soviet, 4 German, 1 Canadian, and 1 American.

ASSOCIATION: Kafedra rasprostraneniya, izlucheniya i kanalizatsii radiovoln (Chair of Propagation, Emission, and Guiding of Radio Waves)

SUBMITTED: February 16, 1957

SKRYABIN, G.K.; ZVYAGINTSEVA, I.S.; SOKOLOVA, L.V.

Transformation of hydrocortisone, cortisone and their derivatives by a culture of Mycobacterium sp. 193. Izv. AN SSSR. Ser. biol. no.5:715-720 S-O '64. (MIRA 17:9)

1. Institut mikrobiologii AN SSSR, Moskva.

ZVYAGINTSEVA, I.S.

Effect of the natural habitat of mycobacteria on their capacity to transform steroids. Mikrobiologiia 33 no.5:772-776 S-O '65. (MIRA 18:3)

1. Institut mikrobiologii AN SSSR.

SKRYABIN, G.K.; ZVYAGINTSEVA, I.S.; NAZARUK, M.I.; SOKOLOVA, L.V.

Effect of oxidation-reduction potential on the transformation of hydrocortisone by the Mycobacterium globiforme 193 culture. Dokl. AN SSSR 161 no.2:472-474 Mr '65. (MIRA 18:4)

1. Institut mikrobiologii AN SSSR. Submitted October 2, 1964.

RAUTENSHTEYN, Ya.I.; KHAVINA, E.S.; ZVYAGINTSEVA, I.S.; SKRYABIN, G.K.

Bacteriophage of the steroid dehydrating culture of Mycobacterium globiforme (strain 193). Izv. AN SSSR. Ser. biol. 31 no.1:141-145 Ja-F '66. (MIRA 19:1)

1. Institut mikrobiologii AN SSSR. Submitted July 10, 1965.

ZVYAGINTSEVA, I.S.; SKRYABIN, G.K.

Dehydration of steroids by mycobacteria. Izv. AN SSSR. Ser. biol. no.4:525-532 Jl-Ag '64. (MIRA 17:10)

1. Institut mikrobiologii AN SSSR.

ZVYAGINTSEVA, I.S.; SKRYABIN, G.K.

Dissociation of the Mycobacterium globiforme 193 culture and its capacity to dehydrate steroids. Mikrobiologiia 34 no.3:461-464 My-Je '65. (MIRA 18:11)

1. Institut mikrobiologii AN SSSR.

ZVYAGINTSEVA, K. (Kemerovo)

Important economic problems of technological progress..
Vop. ekon. no.10:15-24 O '59. (MIRA 12:12)
(Kuznetsk Basin--Coal mines and mining)

ZVYAGINTSEVA, K.M.

Expansion of open-pit mining in the Kuznetsk Basin. Ugol' 34 no.7:8-10 Jl '59. (MIRA 12:10)

1. Kemerovskiy gornyy institut.
(Kuznetsk Basin--Strip mining)

ZVYAGINTSEVA, K.M.; ZENKOV, S.N.; KOZHEVIN, V.G.; POPOV, V.E.; SENDERZON, E.M.. Prinimali uchastiye: KOKORIN, P.I., prof.; KULIBABA, A.N., dotsent; LINDENAU, N.I.; ZHURAVLEV, A.M.; STOLBOV, M.V.; CHETYRKIN, M.I., otv.red.; KOROVENKOVA, Z.A., tekhn.red.

[Kuznetsk Coal Basin; a statistical handbook] Kuznetskii ugol'nyi bassein; statisticheskii spravochnik. Moskva, Ugletekhizdat, 1959. 390 p. (MIRA 12:8)

1. Kemerovo. Gornyy institut. 2. Sotrudniki kafedry ekonomiki Kemerovskogo gornogo instituta (for Zvyagintseva, Popov, Kokorin, Kulibaba). 3. Kombinat Kuzbassugol' (for Zenkov, Lindenau, Zhuravlev, Stolbov). 4. Kemerovskiy sovnarkhoz (for Kozhevin). 5. Sibirskoye otdeleniye AN SSSR (for Senderzon).
(Kuznetsk Basin--Coal mines and mining--Statistics)

ZVYAGINTSEVA, Klavdiya Mikhaylovna; ISLANKINA, T.F., red.; ATRO-[redacted], L.Ya., tekhn.red.

[Open-pit and hydraulic coal mining] Otkrytyi i gidravlicheskii sposoby dobychi uglia. Moskva, Izd-vo "Znanie," 1959. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniu politicheskikh i nauchnykh znanii. Ser.4, Nauka i tekhnika, no.23) (MIRA 12:9)

(Coal mines and mining)

Puti Povysheniya Proizvoditel'Nosti Truda Na Shakntakh Kuzbassa (Methods of Increasing the Productivity of Labor in the Kizbas Mines, by) V. E. Popov I K. M. Zvyagintseva. Moskva, Ugletekhizdat, 1956.

69 P. Diagrs., Graphs, Tables (Nauchno-proizvodstvennaya Literatura Po Voprosam Ekonomiki)

ZVYAGINTSEVA, K.M., inzh.

New type of coal section under conditions of the Kuznetsk Basin. Izv. vys. ucheb. zav.; gor. zhur. no.8:76-80 '61. (MIRA 15:5)

1. Kemerovskiy gornyy institut. Rekomendovana kafedroy ekonomiki i organizatsii proizvodstva Kemerovskogo gornogo instituta.

(Kuznetsk Basin—Coal mines and mining)

ZVYAGINTSEVA, K., dotsent, kand.ekonom.nauk

Coal is a valuable chemical raw material. Sov. shakht. 12 no.6: 45-46 Je '63. (MIRA 16:9)

1. Kemerovskiy gornyy institut.
(Coal) (Chemical industries)

ZVYAGINTSEVA, Klavdiya Mikhaylovna; KOSTIN, N.A., retsenzent

[Coal industry as a raw material base of the chemical industry] Ugol'naia promyshlennost' kak syr'evaia baza khimicheskoi industrii. Moskva, Nedra, 1965. 48 p. (MIRA 18:7)

ZVYAGINTSEVA, Klavdiya Mikhaylovna

[Economics of strip mining of coal for coking] Ekonomika otkrytoi dobychi uglei dlia koksovaniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 83 p. (MIRA 15:3)

(Strip mining) (Coal mines and mining)

POPOV, Vitaliy Erastovich; ZVYAGINTSEVA, Klavdiya Mikhaylovna; KUNDIN, M.B., otvetstvennyy redaktor; SOKOVA, V.A., redaktor izdatel'stva; ALADOVA, Ye.I., tekhnicheskiy redaktor

[Ways of increasing labor productivity in mines of the Kuznetsk Basin] Puti povysheniia proizvoditel'nosti truda na shakhtakh Kuzbassa. Moskva, Ugletekhizdat, 1956. 69 p. (MLRA 10:1)
(Kuznetsk Basin--Coal mines and mining)

ZVYAGINTSEVA, Klavdiya Mikhaylovna; SLIPENKO, Klara Konstantinovna; LIVYANT, E., red.

[Raw materials resources for the chemistry of the Kuznets Basin and Altai] Syr'evaia baza khimii Kuzbassa i Altaia. Kemerovo, Kemerovskoe knizhnoe izd-vo, 1964. 62 p. (MIRA 18:3)

L 18008-66 EWT(m)/EWP(j)/T/EWP(t) JD/WW/WB/RM
ACC NR: AP6004319 SOURCE CODE: UR/0303/65/000/005/0052/0057

AUTHOR: Orzhakhovskiy, M. L.; Zvyagintseva, N. V.

ORG: none

TITLE: The relation of the thickness of epoxy and polyester coatings on metals and concrete to their durability in liquid corrosive media

SOURCE: Lakokrasochnyye materialy i ikh primeneniye, no. 5, 1965, 52-57

TOPIC TAGS: protective coating, epoxy plastic, polyester plastic, lacquer

ABSTRACT: A study was made of the characteristics of self-dried coatings based on a polyethylenepolyamine-cured epoxy lacquer (CHS-epoxy-2000 resin and dibutyl phthalate in the ratio of 10:1) and on PE-214 polyester lacquer. The coatings were applied on steel surfaces (cleaned by blasting with metal shot) and on plastered concrete surfaces. The porosity of the coatings was determined from their electrical resistance and changes in this resistance under the action of water. It is pointed out that the porosity of epoxy and polyester coatings is unsatisfactory in the resistance drops by 2 to 5 orders of magnitude in 24 hr. The lower limit of the

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thickness of epoxy and polyester coatings (also known as the critical thickness) was found to be 100-110μ on shot-blasted steel surfaces, 25-50μ on untreated surfaces of thin-sheet steel, and 240-300μ on the surface of plastered concrete. The durability of a coating in liquid corrosive media is determined by its working thickness. For metal coating, this thickness is the difference between the total and critical thickness, and for coatings on concrete, the total thickness of the coating. For epoxy and polyester coatings, there is a direct relation between the service life and the working thickness. This makes it possible to adopt the specific service life of a coating (expressed in units of time (hr) per 100μ of its working thickness) as a measure of its durability. Orig. art. has: 10 figure, 1 table.

SUB CODE: 11/ SUBM DATE: 00/ ORIG REF: 005/ OTH REF: 002

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

ZVYAGINTSEVA, S.G., doktor meditsinskikh nauk

Exudative diathesis. Zdorov'e 2 no.8:18-19 Ag '56. (MLRA 9:9)
(DIATHESIS) (CHILDREN--CARE AND HYGIENE)

ZVYAGINTSEVA, S. G.:
Min Health USSR. Central Inst for the Advanced Training of Physicians.

ZVYAGINTSEVA, S. G.: "Bronchial asthma in Children." Min Health USSR. Central Inst for the Advanced Training of Physicians. Moscow, 1956.
(Dissertation for the Degree of Doctor in Medical Sciences)

SO: Knizhnaya Letopis', No 20, 1956.

ZIYAOINTSEVA, S.G.

Clinical aspect and therapy of bronchial asthma in children. Sovet.med. no.3:17-20 Mr '50. (CIML 19:2)

1. Of the Department of Pediatrics, Central Institute for the Advanced Training of Physicians (Head of Department -- Prof. G.N.Speranskiy).

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ZVIAGINTSEVA S G.

Klinika i lechenie bronkhial'noi astmy u detei. /Clinical aspect and therapy of bronchial asthma in children/ Sovet. med. No. 3 Mar 50 p. 17-20.

1. Of the Department of Pediatrics, Central Institute for the Advanced Training of Physicians (Head of Department — Prof. G. N. Speranskiy).

CIML Vol. 19, No. 2 Aug. 1950

Polteva, Yu. K. and Zvyagintseva, S. G. "Feeding of hypotrophic infants more than one year old," Trudy VI Vsesoyuz. s'yezda det. vrachey, posvyashch. pamyati prof. Filatova, Moscow, 1948, p. 84-88

SO: U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, No. 3, 1949)

"Exudative Eczema in Young Children," Fel'dsher i

Akusher, No. 2, 1948.

USSR/Medicine - Antibiotics Feb 53

"Administration of Synthomycin in the Treatment of Toxicosis of Enteric Origin in Infants," S. G. Zvyagintseva and B. V. Popovich, Dept of Pediatrics, Cent Inst for Advanced Training of Physicians

Sovetskaya Meditsina, Vol 17, No 2, pp 3-6

Clinical observations indicate that synthomycin is a highly effective drug for the treatment of toxicoses which disappear soon after synthomycin has been administered. Effectiveness of synthomycin has been explained by its bacteriostatic activity upon the

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intestinal flora irrespective of its exogenic or its endogenic origin. The newly synthesized Soviet antibiotic, levomycetin, is far superior to synthomycin in effectiveness and does not produce such extensive secondary complications.

247T26

ZVYAGINTSEVA, S.G.

[Rickets] Rakhit. Moskva, Medgiz, 1954. 9 p. (MIRA 8:4)
(Rickets)

DOMBROVSKAYA, Yu.F., prof. otv. red.; ZVYAGINTSEVA, S.G., prof. red.; SOKOLOVA, T.S., prof., red.; GAMBURG, R.L., prof., red.

[Current problems of the physiology and pathology of childhood] Sovremennye problemy fiziologii i patologii detskogo vozrasta. Moskva, Meditsina, 1965. 317 p. (MIRA 18:6)

1. Deystvitel'nyy chlen AMN SSSR (for Dombrovskaya).

ZVYAGINTSEVA, S.G., prof.; BAKLANOVA, V.F., kand.med.nauk; GROMOVA, R.V.; LEVINA, S.M.; SHIRYAYEVA, I.P.

Subendocardial fibroelastosis in children. Pediatriia 41 no.5:38-44 My '62. (MIRA 15:5)

1. Iz kafedry pediatrii (zav. - deystvitel'nyy chlen AMN SSSR prof. G.N. Speranskiy) TSentral'nogo instituta usovershenstvovaniya vrachey (rektor M.D. Kovrigina) i Detskoy bol'nitsy No.9 imeni F.E. Dzerzhinskogo (glavnyy vrach A.N. Kudryasheva).
(HEART--DISEASES)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

BARKHANOVA, V.F.; EVDOKIMOVA, S.G.; ZUBKOVA, V.I.; TYURKYAN, R.A.

Staphylococcal pneumonias in infants. Pediatriia 38 no. 3:13-19 Mr '60. (MIRA 14:1)

(PNEUMONIA) (STAPHYLOCOCCAL INFECTIONS)
(INFANTS—DISEASES)

ZVIAGINTSEVA, Sofiya Georgiyevna

[Bronchial asthma in children] Bronkhial'naia astma u detei. Moskva, Medgiz, 1958. 206 p. (MIRA 13:8)
(ASTHMA)

SPERANSKIY, G.N.; ZVYAGINTSEVA, S.G.; POLTEVA, Yu.K.; DRYUBIN, G.R., red.

[Feeding the healthy and ill child] Pitanie zdorovogo i bol'nogo rebenka; kratkoe posobie dlia vrachei. Moskva, TSentr.in-t usovershenstvovaniia vrachei, 1959. 70 p.
(MIRA 13:2)

(DIET IN DISEASE) (CHILDREN--NUTRITION)

ZVYAGINTSEVA, S.G.; TOBOLIN, V.A.

"Erythroblastosis fetalis," edited by A.F. Tur. Reviewed by S.G. Zviagintseva, V.A. Tobolin. Pediatriia 37 no.3:85-87 Mr '59. (MIRA 12:4)

(ERYTHROBLASTOSIS FETALIS) (TUR, A.F.)

Name: ZVIAGINTSEVA, Sofiya Georgiyevna

Dissertation: Bronchial asthma in children

Degree: Doc Med Sci

Affiliation: [not indicated]

Defense Date, Place: 13 Mar 56, Council of Central Inst for Advanced Training of Physicians

Certification Date: 26 May 56

Source: BMVO 4/57

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

ARUTYUNOV, V.Ya., prof.; BERKOVICH, I.M., doktor med.nauk; BUNIN, K.V., prof. VELIKORETSKIY, A.N., prof.; GAMBURG, R.L., doktor med.nauk; GLASKO, N.M.; ZVYAGINTSEVA, S.G., doktor med.nauk; IVENSKAYA, A.M., kand.med. nauk; KALUGINA, A.N, kand.med.nauk; KAMINSKAYA-PAVLOVA, Z.A., prof. KVATER, Ye.I., prof.; KOLEN'KO, A.B., prof.; KOSSYURA, M.B., kand. med.nauk; KRAVETS, E.M., doktor med.nauk; KRISTMAN, V.I., kand.med. nauk; KRUZHKOV, V.A., dotsent; LIKHACHEV, A.G., prof.; LUKOMSKIY, I.G., prof.; MASHKOVSKIY, M.D., prof.; ROZENTAL', A.S., prof.; SERBYSKIY, M.Ya. [deceased], prof.; TURETSKIY, M.Ya., kand.med.nauk; KHESIN, Ye.Ye., dotsent; EMDINA, Kh.L., kand.med.nauk; SHABANOV, A.N., prof.; red.; BONDAR', Z.A., red.; ZAKHAROVA, A.I., tekhn.red.

[Medical handbook for feldshers] Meditsinskii spravochnik dlia fel'dsherov. Izd. 6-oe, perer. i dop. Moskva, Gos. izd-vo med. lit-ry, 1957. 899 p. (MIRA 10:12)
(MEDICINE--HANDBOOKS, MANUALS, ETC.)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

DOLETSKIY, S.Ya., kand.med.nauk; ZVYAGINTSEVA, S.G., doktor med.nauk

Semiotics of vomiting in the newborn and in infants during their first weeks of life. Pediatriia no.11:47-53 N '57. (MIRA 11:2)

1. Iz kafedry khirurgii detskogo vozrasta (zav. - chlen-korrespondent AMN SSSR prof. S.D.Ternovskiy) II Moskovskogo meditsinskogo instituta imeni N.I.Pirogova i kafedry pediatrii (zav. - deystvitel'nyy chlen AMN SSSR prof. G.N.Speranskiy)

(INFANTS--DISEASES) (VOMITING)

ZVIAGINTSEVA, T.

Active member Olga Kaurova. Kryl.rod. 2 no.3:13 Mr '51. (MLRA 10:2)
(Kaurova, Olga Fedorovna)

ZVYAGINTSEVA, T.

Group leader. Kryl.rod. 2 no.6:15-16 Je '51. (MLRA 8:8)
(Starostin, Petr Petrovich)

SVIAGINTSEVA, I.V.

Detection of long-eared hedgehogs Hemiechinus auritus Gmel. infected with cutaneous leishmaniasis in Syr Darya Province of the Uzbek S.S.R. Med. paraz. i paraz. bol. 34 no.3:347-349 My-Je '65. (MIRA 18:7)

1. Uzbekskiy institut eksperimental'noy meditsinskoy parazitologii i gel'mintologii, Samarkand.

AGANIN, I.Kh.; MARKOVA, Ye.V.; ZVYAGINTSEVA, V.I.

Determination of optimum conditions for chemical processes by the use of methods of mathematical statistics. Khim.prom. no.12:843-849 D '61. (MIRA 15:1)

(Chemical reaction—Conditions and laws)

GOROZHANKIN, K.A.; ZVYAGINTSEVA, V.I.

Transistor device for sorting ferrite rings. Priborostroenie no.5:17-18 My '63. (MIRA 16:8)

ZVYAGINTSEV, V.V., inzh.

Steam turbines manufactured by the Lenin Neva Plant for compressor driving. Trudy NTO chern. met. 20:141-151 '60. (MIRA 13:10)

1. Nevskiy zavod im. V.I.Lenina (NZL).
(Steam turbines)

5(4)

AUTHORS: Shatenshteyn, A. I. Zvyagintseva, Ye. N. SOV/79-29-5-73/75

TITLE: Investigation of the Mechanism of Acid - Basic Reaction by the Method of Deuterium Exchange (Izucheniye mekhanizma kislotno-osnovnogo vzaimodeystviya metodom deyteroobmena)

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 5, p 1751 (USSR)

ABSTRACT: A determination was made of the velocity constants in the reaction between the amines $C_6H_2D_3N(CH_3)_2$, $(C_6H_2D_3)_2NCH_3$ and $(C_6H_2D_3)_3N$ and the acids acetic acid, formic acid, monochloroacetic acid, trichloro acetic acid, trifluoroacetic acid and hydrobromic acid (Table). The reaction scheme according to Brönsted was found to be inadequate. Further investigations are to provide more accurate values. There are 1 table and 2 Soviet references.

ASSOCIATION: Fiziko-khimicheskiy institut imeni L. Ya. Karpova (Physico-chemical Institute imeni L. Ya. Karpov)

SUBMITTED: February 6, 1959

Card 1/1

TI-IN, M.I.; ZVOSKOVA, N.S., starshiy agronom; LEYN, Z.Ya.; ZVYAGINTSEVA, Ye.I.; MARINICH, P.Ye., red.; ZABORSKIY, N.I., red.; PECHENKIN, I.V., tekhn. red.

[New corn hybrids Bukovine 3 and Bukovina 2; results of state crop variety tests] Novye gibridy kukuruzy Bukovinskii 3 i Bukovinskii 2; rezul'taty gosudarstvennogo sortoispytaniia. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1960. 45 p. (MIRA 14:8)

1. Russia(1923- U.S.S.R.) Gosudarstvennaya komissiya po sortoispytaniyu sel'skokhozyaystvennykh kul'tur. 2. Zaveduyushchaya khimicheskoy laboratoriyey Gosudarstvennoy komissii po sortoispytaniyu sel'skokhozyaystvennykh kul'tur pri Ministerstve sel'skogo khozyaystva SSSR (for Leyn). 3. Zamestitel' predsedatelya Gosudarstvennoy komissii po sortoispytaniyu sel'skokhozyaystvennykh kul'tur pri Ministerstve sel'skogo khozyaystva SSSR (for Marinich).

(Corn (Maize)—Varieties)

AUTHORS: Shatenshteyn, A. I., and Zvyagintseva, Ye. N. 20-117-5-35/54

TITLE: On the Influence of the Properties/Interaction of Intramolecular Deuterium Exchange (O vliyanii osobennostey mezhdumolekulyarnogo vzaimodeystviya na zakonomernosti deyteroobmena).

PERIODICAL: Doklady AN SSSR, 1957, Vol. 117, Nr 5, pp. 852-855 (USSR).

ABSTRACT: The present paper shows the following: It is possible to explain the greater velocity of the hydrogen exchange with the amphoteric solvents (quinaldine and picoline) by a modification of the valence state of the nitrogen atom in these methylisated heterocyclic compounds, (as opposed to the protophilic liquid ammonia). Up to now, an immediate comparison of the velocity of the deuterium exchange with alcoholes and liquid ammonia was missing. The present investigation, therefore, is conducting experiments with hydrocarbons (indene and fluorene) and with ketones (azetophenone and β-naphtylmethyl ketone). Above all, it was shown, that the same hydrogen atoms are exchanged with both solvents, that is to say, the atoms of the CH_2 group in the indene and the fluorene, and the atoms of the CH_3 group in the remaining substances. The deuterium introduced into the substance by an exchange with C_2H_5OD was washed out in a subsequent treatment with

Card 1/2

On the Influence of the Properties of Intramolecular Interaction on the Rules of Deuterium Exchange. 20-117-5-35/54

liquid ammonia. (invers exchange). A marginal observation is shortly discussed. The exchange of hydrogen in hydrocarbons and in ketones takes place much faster with liquid ammonia at low temperatures than with ethanole. Numerical data on these processes are given. The experiments on the inverse exchange were conducted with quinaldine, which previously was deuterised. By means of a determination of the physical constants it was proved, that the substances do not change during the experiments. A few of the substances given here behave like very weak acids at a dissolution in liquid ammonia. The results obtained here speak in favour of the fact, that the velocity of the exchange reaction increases at an increase of the polarity and of the concentration of the complex with the heterocyclic part. A comprehensive survey of the facts discussed in this paper proves, that the rules of the deuterium exchange show a strong dependence on the peculiarities of the intramolecular interaction in the solutions. There are 1 figure, 1 table, and 12 references, 6 of which are Slavic.

ASSOCIATION: Physical-Chemical Institute imeni L. Ya. Karpov (Fiziko-khimicheskiy institut imeni L. Ya. Karpova).

PRESENTED: May 24, 1957, by A. N. Terenin, Academician.
SUBMITTED: May 14, 1957.

Card 2/2

SHATENSHTEYN, A.I.; ZVYAGINTSEVA, Ye.N.; OVCHINNIKOVA, Z.N.
APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7"

Study of the acid-base interaction between aromatic amines and carboxylic acids by the deuterium exchange method. Zhur.ob.khim. 31 no.5:1432-1440 My '61. (MIRA 14:5)

1. Fiziko-khimicheskiy institut imeni L.Ya.Karpova.
(Amines) (Acids, Organic) (Deuterium)

ZAVYALOVA, Te.N.; SHATENSHTEYN, A.I.

Polymerization of methyl acrylate, methacrylonitrile, and acrylonitrile initiated by a solution of KNH_2 and suspensions of $LiNH_2$ and $Ba(NH_2)_2$ in liquid NH_3 and solid KNH_2. Vysokom. soed. 7 no.3:423-426 Mr '65. (MIRA 18:7)

1. Fiziko-khimicheskiy institut imeni L.Ya. Karpova.

SHATENSHTEYN, A. I., ZVYAGINTSEVA, Ye. N., YAKOVLEVA, Ye. A., IZRAILEVICH, Ye. A.
VARSHAVSKIY, Ya. M., LOZHKINA, M. G., VEDENEYEV, A. V.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065720011-7

"Acid-Base Catalysis of the Reaction of Isotopic Hydrogen Exchange."

Problemy Kinetics and Catalysis, v. 9, Isotopes in Catalysis, Moscow, Izd-vo AN SSSR, 1957, 442p.

Most of the papers in this collection were presented at the Conf. on Isotopes in Catalysis which took place in Moscow, Mar 31-Apr 5, 1956.

[Isotopic analysis of water] Izotopnyi analiz vody. Izd. 2-oe.
Moskva, Izd-vo Akad.nauk SSSR, 1957. 235 p. (MIRA 11:2)
(Water--Analysis) (Hydrogen--Isotopes)
(Oxygen--Isotopes)

SHATENSHTEYN, A.I.; ZAVGORODNYAYA, Ye.N.; YAKOVLEVA, Ye.A.; IZRAILEVICH, Ye.A.; VARSHAVSKIY, Ya.M.; LOZHKINA, M.G.; VENDENEYEV, A.V.

Acid-base catalysis of the hydrogen isotope exchange reaction. Probl. kin. i kat. 9:218-233 '57. (MIRA 11:3)

(Catalysis) (Hydrogen--Isotopes)

YAKIMENKO, L.M.; SHATENSHTEYN, A.I.; RABINOVICH, M.A.; YAKOVLEVA, Ye.A.; BORISOVA, Z.M.; ZVYAGINTSEVA, Ye.N.

Preparing protium and protium oxide. Zhur. neorg. khim. 2 no.11:2507-2512 N '57. (MIRA 11:3)

(Hydrogen--Isotopes)