"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

luminescence of ZnS-Cu luminors

27 27

SOURCE: Optika i spektroskopiya, v. 17, no. 6, 1964, 893-900

cence, photoluminescence

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

and an FEU-32 photomultiplier. The excitation spectra were meas-
sured with an FF-4 spectrophotometer. The luminor prepared in h/r
drogen had bright blue photoluminescence when excited with the 355

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"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

ACCESSION NR: AP[illegible]

of optical properties of zinc-sulfide luminors. "We thank T. A. Sokolova for help in preparing the luminors and S. Ya. Gutner for [illegible] chemical composition of the luminors excited with cathode rays. Orig. art. has: 6 figures.

ASSOCIATION: None

SUBMITTED: 19Jul63 ENCL: 00

SUB CODE: OP, SS NR REF SOV: 006 OTHER: 006

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

MINAYEVA, V.M.; BAROVA, N.I.; KIPRIYANOVA, N.V.; IL'INA, M.I.

Virological characteristics of poliomyelitis in the western Urals. Vop.virus. 6 no.5:624 S-O '60. (MIRA 14:5)

1. Virusologicheskaya laboratoriya Permskogo instituta vaktsin i syvorotok i sanitarno-epidemiologicheskoy stantsii.
(URAL MOUNTAIN REGION—POLIOMYELITIS)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

L 20439-66 EWT(m)/EWP(t)/ETI IJP(c) JD

ACC NR: AP6013072 SOURCE CODE: UR/0048/66/030/004/0649/0653

AUTHOR: Gurvich, A. M.; Il'ina, M. A.; Katomina, R. V.; Nikiforova, A. F.

ORG: State Scientific Research Roentgeno-radiological Institute (Gosudarstvennyy nauchno-issledovatel'skiy rentgeno-radiologicheskiy institut)

TITLE: Activation of zinc and cadmium sulfides by halogens and Group III elements /Report, Conference on Luminescence held in Riga, 16-23 September 1965/

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 30, no. 4, 1966, 649-653

TOPIC TAGS: crystal phosphor, zinc sulfide, cadmium sulfide, luminescence, luminescence spectrum, forbidden band

ABSTRACT: The work was concerned with investigation of activation of zinc and cadmium sulfides by elements that are usually termed coactivators; however, when the said element is the only real impurity present and is responsible for distinctive luminescence it is justifiable to call it an activator in its own right. To clarify the role of the heating medium there were sintered batches of equal amounts of ZnS and CdS with 5% NaCl, all at 950°C but in different gases. The luminescence spectra of the products under 365 mμ excitation at -180° exhibit all three characteristic bands, but with greatly varying relative intensities, depending on the medium. Potassium chloride and the alkali bromides and iodides yielded similar results. The formation of $ZnCl_2$ (or $CdCl_2$) from NaCl in the sulfide is discussed, as is the solubility of $ZnCl_2$ in ZnS.

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"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

L 26489-66

ACC NR: AP6013072

The technology of activation of ZnS with aluminum is described. Like aluminum, gallium and indium can be introduced into zinc sulfide either in metallic form (in this case it is desirable to have some excess sulfur in the sulfide) or in the form of a suitable compound, such as the nitrate. In activating powdered CdS with indium it was found that in the case of heating dechlorinated (with H_2S) CdS with metallic In in a sealed quartz tube at 700° there is obtained a phosphor with bright green luminescence under stimulation at room temperature by the 365 mμ line of Hg. Investigation showed the presence of one narrow band (half-width 38 mμ) at 520 mμ, i.e., close to the position of the "edge" band. Upon cooling this band becomes narrower and shifts to the long wavelength side, that is, acquires the position and configuration of the "edge" band. This effect is distinctive, for ordinarily green photoluminescence of CdS is observed only at low temperatures and is evinced in a form of a relatively broad band. It is suggested that in the presence of indium the green centers lodge at special locations in the crystal (possible near the surface), where they not only distort the normal band structure, but also broaden the forbidden band. Orig. art. has: 3 figures.

SUB CODE: 20/ SUBM DATE: 00/ ORIG REF: 012/ OTH REF: 017

Card 2/2

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

L 04143-67 EWT(m)/T/EWP(t)/ETI IJP(c) JD

ACC NR: AP6026682 SOURCE CODE: UR/0181/66/008/008/2349/2354

AUTHOR: Il'ina, M. A. ; Itskevich, Ye. S.

ORG: Institute of High Pressure Physics, AN SSSR, Moscow (Institut fiziki vysokikh davleniy AN SSSR)

TITLE: Low-temperature phase diagram of bismuth

SOURCE: Fizika tverdogo tela, v. 8, no. 8, 1966, 2349-2354

TOPIC TAGS: bismuth, phase diagram, low temperature effect, PHASE TRANSITION

ABSTRACT: The article investigates the phase diagram of bismuth in the pressure range from 25 to 40 kbar at temperatures of 77 to 293K and detects a new transition which in pressure precedes the lattice transitions Bi I → Bi II → Bi III. It is assumed that the transition is associated with change under pressure of the current-carrier energy spectrum. When pressure is reduced at temperatures above 200K only two jumps in electrical resistance occur, although the phase diagram shows that there should be three. One possible explanation is that at these temperatures the pressures at all three transitions differ slightly, while the resistance jumps in the Bi I → Bi II and Bi I → new phase transitions occur in the same direction. This makes it impossible to distinguish transitions during the certain chamber pressure discontinu-

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"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

L 04143-67

ACC NR: AP6026682

4

ity which is always present when pressure is decreased. It is possible that there will be direct transition from the new phase into Bi III. Existing data and the good temperature reversibility of the new transition permits the assumption that this transition is electronic in nature and may involve a transition effect from closed to open isoenergetic surfaces. Complete interpretation of the data would require direct measurements of the dependence of basic bismuth energy spectrum parameters on pressure. In conclusion, the authors use this opportunity to thank L. F. Vereshchagin for attention to the work, A. A. Abrikosov and L. A. Fal'kovskiy for discussing the results obtained, and N. V. Baryshev for constant assistance in the experimental work. Orig. art. has: 5 figures.

SUB CODE: 07, 20/ SUBM DATE: 03Jan66/ ORIG REF: 006/ OTH REF: 002

Card 2/2

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

L 04756-67 EWT(1)/EWT(m)/EWP(t)/ETI IJP(c) JD

ACC NR: AP6025954 SOURCE CODE: UR/0051/66/021/001/0067/0075

AUTHOR: Gurvich, A. M.; Il'ina, M. A.

ORG: none

22
21
B

TITLE: Yellow and red luminescence of ZnS-Cu phosphors in the presence of oxygen

SOURCE: Optika i spektroskopiya, v. 21, no. 1, 1966, 67-75

TOPIC TAGS: phosphor, luminescence research

ABSTRACT: The conditions are described for the production of ZnS-Cu phosphors which have yellow ($\lambda_{max} \approx 590$ mμ) and red ($\lambda_{max} \approx 725$-$730$ mμ) emission bands in the presence of air oxygen. These phosphors are produced by heating green phosphors, formed by quenching in distilled water, to 145-150°C for 10-30 min. It was found that under these conditions neither NaCl nor oxygen interfere with yellow and red luminescence. This method of production of phosphors has a number of advantages over the existing methods: simplicity, reproducibility and intensity of luminescence in the indicated spectral regions. The data show that in this case a typical recombination of *f*-centers takes place. The article considers spectral composition and intensity of luminescence of the above phosphors as a function of the conditions of preparation and excitation. At liquid nitrogen temperatures, the yellow band maximum is at 620 mμ.

UDC: 535.373.1

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APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

L 04756-67

ACC NR: AP6025954

Here, yellow phosphor also exhibits an intense short wavelength emission band consisting of blue and green. As the temperature is increased, the short-wavelength emission band is shifted toward long wavelengths due to the decrease of the intensity of the blue emission band and increase of the fraction of the green band. At -31°C, only the green band is existent. When the temperature is increased from -162°C to 7°C the maximum of the green band is shifted by 17 mμ towards the long wavelenghts. At the same time with increase of the temperature the yellow band moves toward the green band and merges with it at room temperature. When the temperature is increased to -75°C the yellow band maximum is shifted toward the short wavelength region. This shift is not associated with the overlap of the green emission band. Further shift from 600 to 665 mμ is to a large extent affected by the green band. At low temperatures the yellow band is predominant in the emission spectrum of the red phosphor. As the temperature is increased redistribution of energy in favor of the red band takes place. It is concluded that the ground level of the red center occupies a higher position than the ground level of the yellow center, where the latter is in turn higher than the ground level of the green center. The authors express their gratitude to T. A. Sokolova for her help in this work. Orig. art. has: 6 figures, 1 table.

SUB CODE: 20,07/ SUBM DATE: 28Dec64/ ORIG REF: 005/ OTH REF: 013

kh

Card 2/2

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

POLYAKOV, I.M.; VLADIMIRSKAYA, M.Ye.; IL'INA, M.N.; MILOVIDOVA, T.G.

Effectiveness of soil fumigation in the control of the clubroot of mustard family plants. Trudy VIZR no.20 pt.1:3-6 '64. (MIRA 18:10)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

Commercial cottonseed-type drying oil mixture

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, M.Ye., red.; VODOLAGINA, S.D., tekhn.red.

[Investigations of noctilucent clouds] Issledovaniia serebristykh oblakov. Leningrad. No.1. 1960. 84 p. (MIRA 14:2)

1. Leningrad. Universitet. Astronomicheskaya observatoriya.
(Clouds)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

SAULIT, Vitaliy Reyngol'dovich; PADALKO, Viktoriya Yur'yevna; IL'INA, M.Ye., red.; VODOLAGINA, S.D., tekhn.red.

[How to prepare for entrance examinations to institutions of higher learning; physics] Kak gotovit'sia k priemnym ekzamenam v VUZ; fizika. Leningrad, Izd-vo Leningr.univ., 1960. 261 p. (MIRA 13:7)

(Universities and colleges--Entrance requirements)
(Physics--Problems, exercises, etc.)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

LINNIK, Yuriy Vladimirovich; IL'INA, M.Ye., red.; ZHUKOVA, Ye.O., tekhn.red.

[Theory of the expansion of the laws of probabilities] Razloshenii veroiatnostnykh zakonov. Leningrad, Izd-vo Leningr.univ., 1960. 263 p. (MIRA 13:10)

(Probabilities)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

MATVEYEV, Nikolay Mikhaylovich; IL'INA, M.Ye., red.; VOROBLAOINA, S.D., tekhn.red.

[Collection of problems and exercises on ordinary differential equations] Sbornik zadach i upreshnenii po obyknovennym differentsial'nym uravneniiam. Leningrad, Izd-vo Leningr.univ., 1960. 286 p. (MIRA 14:1)

(Differential equations)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

SHAKHNO, Konstantin Ustinovich; IL'INA, M.Ye., red.; ZHUKOVA, Ye.G., tekhn. red.

[How to prepare for entrance examinations to institutions of higher learning; mathematics] Kak gotovit'sia k priemnym ekzamenam v vuz; matematika. Leningrad, Izd-vo Leningr.univ., 1961. 246 p. (MIRA 15:1)

(Mathematics—Study and teaching)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INSKIY, G.A.; PLOTNIKOVA, M.I.; RAZUMIKHIN, N.V.; RYUMIN, A.K.; SARSADSKIKH, N.N.; SVARICHEVSKAYA, Z.A., doktor geogr. nauk; IL'INA, M.Ye., red.; VODOLAGINA, S.D., tekhn. red.

[Fundamentals of placer deposit surveying] Osnovy poiskov rossypei; uchebnoe posobie. Leningrad, Izd-vo Leningr. univ., 1961. 122 p. (MIRA 14:8)

1. Sotrudniki Leningradskogo gosudarstvennogo universiteta im. A.A. Zhdanova (for Il'inskiy, Razumikhin, Ryumin, Svarichevskaya).
2. Sotrudniki Vsesoyuznogo geologicheskogo instituta (for Sarsadskikh, Plotnikova)

(Ore deposits) (Geological survey)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

MINEYEV, P., inzh.; IL'INA, N., inzh.

Institute of the Manufacture of Refrigerating and Food Industry Machinery in Prague. Khol. tekh. 35 no. 3:66-67 My-Je '58. (MIRA 11:7)

(Refrigeration and refrigerating machinery)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

SOV/66-59-3-5/31

AUTHORS: N.Il'ina, and Fomin, A., Engineers

TITLE: Refrigerating Machines Operating on Freon-22

PERIODICAL: Kholodil'naya tekhnika, 1959, Nr 3, pp 21-25, (USSR)

ABSTRACT: Investigations conducted by the Central Designing Bureau of Refrigeration Machine Building and information from foreign manufacturing sources have shown that refrigerating machines operating on Freon-22 at a boiling point of -70° to -80° C should be of the two-step type. Odesskiy zavod imeni Stalina (Odessa Plant imeni Stalin) has started serial production of the first two-step refrigerating machine, the FDS-1, operating on Freon-22. In 1958 Moskovskiy zavod "Kompressor" (Moscow Plant "Compressor") produced the machine FDS-5. Both machines are intended for testing purposes with a temperature in the cold chamber of -60° to -70°C, operating at a boiling temperature of -50° to -80°C. The FDS-1 consists of 2 compressors driven by one electric motor, and of 2 heat exchangers, one gas and one liquid, and is equipped with an automatic control system. The capacity of the FDS-1 is 1,000 kcal-hr and that of the FDS-5 is 5,000 kcal/hr. The FDS-5 consists of 2 compressors with separate driving engines, a condenser with heat exchanger, a control device and an evaporator. Each compressor is equipped with an oil cooler. The article gives a complete list of

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"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

Refrigerating Machines Operating on Freon-22 SOV/66-59-3-5/31

technical data pertaining to both types of compressors. In his conclusion the author concedes the high merits of the freon compressors, which however do not rule out the use of ammonia compressors, which in a capacity of 30,000 to 50,000 kcal/hr and at a boiling point of -50°C maintain their place in industrial installations, where toxicity does not enter into consideration: otherwise, as for instance in air conditioning installations the use of Freon-22 machines is appropriate. The same applies to laboratory and experimental installations requiring a refrigeration temperature of -70°C.
There are 1 photo, 4 graphs, 1 table and 1 diagram.

ASSOCIATION: TsKB kholodil'nogo mashinostroyeniya (Central Designing Bureau of Refrigeration Machine Building) (N. Il'ina); Proyektnyy institut (Designing Institute) (A. Fomin.).

Card 2/2

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.

"Under sail, accross two oceans." B.D.Shan'ko.Reviewed by N.Il'ina. Znan.sila. 30 no.12:29 D.'55. (MIRA 9:4)
(Ocean travel) (Shan'ko, B.D.)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA

BELYAYEV, A., inzh.; IL'INA, N., kand.tekhn.nauk.

Using magnesium mortar as a substitute for metal plates in lining cement kilns. Stroi. mat. 4 no.1:31 Ja '58. (MIRA 11:2)
(Kilns) (Mortar)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

58/49T86

USSR/Medicine - Tularemia, Therapy Jan 49
Medicine - Tularemia, Complication and Sequels

"The Problem of the Clinical Treatment of Tularemia Cases Complicated With Diseases of the Nervous System," N. Il'ina, Stud, Clinic of Nervous Diseases, Voroneth Med Inst, 2 pp

"Klin Med" Vol XXVII No 1

Observations on 21 neurotularemia cases indicated following syndromes: polyradicular, encephalitic, subcortical-diencephalic, and a diffusive infection of the nervous system. Diencephalic manifestations in varying degrees prevailed in all cases of neurotularemia. Dir, 58/49T86

USSR/Medicine - Tularemia, Therapy Jan 49
(Contd)

Clinic of Nervous Diseases: Prof Itsenko.

58/49T86

IL'INA, N.A

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N. A.

IL'INA, N.A. (Moskva)

Lesions of the nervous system in recurrent typhus. Klin. med. 32 no. 7:66-69 Jl '54. (MLRA 7:8)

1. Iz nervnogo i infektsionnogo otdeleniya bol'nitsy imeni S.P.Botkina.
(NERVOUS SYSTEM, in various diseases
*relapsing fever)
(RELAPSING FEVER, pathology
*nervous system)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.A. (Moskva); ORDYNETS, G.V. (Moskva)

Value of the determination of 17-ketosteroids as an index of actual and potential reserves of the adrenal cortex. Probl.endok. i gorm. 2 no.5:95-99 S-O '56. (MIRA 9:12)

1. Iz kliniki nervnykh bolezney TSentral'nogo instituta usovershenstvovaniya vrachey i fiziologicheskoy laboratorii (rukovoditel' - chlen-korrespondent AN SSSR prof. N.I.Grashchenkov) pri otdelenii biologicheskikh nauk AN SSSR.

(ADRENAL CORTEX, function tests,
urinary 17-ketosteroids test (Rus))
(STEROIDS, in urine,
17-keto, determ. in adrenal cortex funct. test (Rus))

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N. A. Cand Med Sci -- (diss) "[redacted] Clinical physiological analysis and problems of the treatment of Tomsen's myotonia and atrophic myotonia." Mos, 1957. 16 pp (Min of Health USSR. Central Inst for the Advanced Training of Physicians), 200 copies (KL, 6-58, 102)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.A.

N.I.

"Ion-Exchange Resins," by Prof N. Grashchenkov and Physician N. Il'ina, Moscow, Meditsinskiy Rabotnik, 5 Feb 57

"In blood transfusion in the USSR, ion-exchange resins are used for the partial extraction of calcium in order to prevent blood coagulation. The method was developed and introduced by the Central Institute for Blood Transfusion."

Other medical uses of ion-exchange resins are mentioned. (U)

SUM. 1322

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.A.

Clinical aspects and treatment of myotonia. Zdrav.Kazakh. 17 no.9:51-55 '57. (MIRA 12:6)

1. Iz kliniki nervnykh bolezney TSentral'nogo instituta usovershenstvovaniya vrachey.
(MYOTONIA)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

USSR/Pharmacology. Toxicology. Various Preparations V-9

Abs Jour : Ref Zhur-Biol., No 6, 1958, 28230

Author : Il'ina N. A.

Inst : Not given

Title : Application of Ion Exchanging Resins in Myotonia.

Orig Pub : Klinich. meditsina, 1957, 35, No 9, 108-114

Abstract : Clinical experiments with ion exchanging resins were conducted on 3 patients with Thomsen's myotonia. The resins were SDV-3 (polysterolsulfoacid) in ammonium and hydrogen form, and SBS (phenylformaldehyde) in ammonium form. The course of treatment was 10-15 days. The 24 hour dose of the preparation was 20-60 g given internally. The potassium content in the blood dropped in 2 patients; no

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APPROVED FOR RELEASE: 04/03/2001 - CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.A.

Some problems in the pathogenesis and treatment of myotonia. Trudy Gos. nauch.-issl. psikhonevr. inst. no.20:377-382 '50.
(MIRA 14:1)

1. TSentral'nyy institut usovershenstvovaniya vrachey, Moskva.
(MYOTONIA)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

USOVA, M.K.; IL'INA, N.A.; MEL'NIKOVA, Ye.M.

Clinical and physiological analysis of the effectiveness of acupuncture in radiculitis; preliminary communication. Zhur.nev. i psikh. 59 no.6:723-728 '59. (MIRA 13:1)

1. Laboratoriya igloterapii (nauchnyy rukovoditel' - prof. N.I. Grashchenkov) Instituta psikhiatrii (dir. - prof. D.D. Fedotov) Ministerstva zdravookhraneniya SSSR, Moskva.
(ACUPUNCTURE, in var. dis.
radiculitis (Rus))
(NERVES, SPINAL, dis.
radiculitis, acupuncture (Rus))

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

GRASHCHENKOV, N.I.; KASSIL', G.N.; USOVA, M.K.; VEYN, A.M.; IL'INA, N.A.; KAMENETSKAYA, B.I.; MEL'NIKOVA, Ye.M.

Application of acupuncture in certain diseases; clinical physiological investigations. Zhur.nevr.i psikh. 59 no.10:1159-1166 '59.
(MIRA 13:3)

1. Laboratoriya reflektornoy terapii Instituta psikhiatrii (direktor - prof. D.D. Fedotov) Ministerstva zdravookhraneniya SSSR, Moskva.
(ACUPUNCTURE)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.A.; VEYN, A.M.

Pathogenesis and therapy of paroxysmal myoplegia. Zhur.nevr.i psikh. 59 no.11:1377-1383 '59. (MIRA 13:3)

1. Kafedra nervnykh bolezney I Moskovskogo ordena Lenina meditsinskogo instituta i laboratoriya klinicheskoy neyrofiziologii (zav. - prof. N.I. Grashchenko) AN SSSR.
(MUSCLES diseases)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.A.

Neurohumoral and endocrine disorders in myotonia. Nauch. rab. asp. i klin. ord. no.6:111-116 '60. (MIRA 14:12)

1. Klinika nervnykh bolezney (zav. - deystvitel'nyy chlen AMN SSSR prof. N.I.Grashchenkov) TSentral'nogo instituta usovershenstvovaniya vrachey.

(MYTONIA) (ENDOCRINE GLANDS--DISEASES)
(NERVOUS SYSTEM--DISEASES)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.A.; SHTUL'MAN, D.R.

Thyrotoxic paroxysmal myoplegia. Probl. endok. i gorm. 6 no. 5:44-49 '60. (MIRA 14:1)

(HYPERTHYROIDISM) (MUSCLES)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

GRASHCHENKOV, N.I., prof.; BOYEVA, Ye.M., kand. med. nauk; VEIN, A.M., kand. med. nauk; GEKHT, B.M.; IL'INA, N.A., kand. med. nauk; ROMASENKO, V.A., kand. med. nauk; YAKOVLEVA, N.A., tekhn. red.

[The neuropathologist's handbook]Spravochnik nevropatologa. Pod obshchei red. N.I.Grashchenkova. Moskva, Medgiz, 1962. 374 p. (MIRA 15:9)
1. Chlen-korrespondent Akademii nauk SSSR deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Grashchenkov)
(NERVOUS SYSTEM--DISEASES)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N. A. (Moskva)

Thyrotoxic myopathy. Klin. med. no.9:74-79 '61. (MIRA 15:6)

1. Iz kliniki nervnykh bolezney (zav. - prof. V. V. Mikheyev) I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

(THYROID GLAND--DISEASES) (MUSCLES--DISEASES)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

MIKHEYEV, V.V., prof., otv. red.; GRASHCHENKOV, N.I., prof., red.; MEL'NIKOV, S.A., dots., red.; VEYN, A.M., starsh. nauchn. sotr., kand. med. nauk, red.; IL'INA, N.A., assistent, kand. med. nauk, red.;

[Periodic and paroxysmal disorders in the neurological clinic] Periodicheskie i paroksizmal'nye narusheniia v nevrologicheskoi klinike. Red. koll.: V.V.Mikheev i dr. Moskva, 1963. 171 p. (MIRA 16:10)

1. Moskovskoye nauchnoye obshchestvo nevropatologov i psikhiatrov. 2. Predsedatel' Moskovskogo obshchestva nevropatologov i psikhiatrov(for Mikheyev). 3. Deystvitel'nyy chlen AMN SSSR (for Grashchenkov).
(NERVOUS SYSTEM—DISEASES)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.A.; SCHASTNEVA, O.F.

Unique case of rheumatic encephalitis. Trudy 1-go MMI 24:13-17 '63 (MIRA 17:3)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.A.; LEBEDEVA, R.N.; ROKHMAN, D.Ye.; SHABALKIN, B.V.

Treatment and prophylaxis of neurological complications in some operations on the heart. Trudy 1-go MMI 24:30-37 '63
(MIRA17:3)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.A.

Pathogenesis of some forms of neuromuscular diseases. Trudy 1-go MMI 24:139-146 '63 (MIRA 17:3)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.A.; SHAGAL, D.I.

Diencephalic disorders in myopathy. Zhur. nevr. i psikh. 63 no.8:1133-1138 '63. (MIRA 17:10)

1. Klinika nervnykh bolezney (zav. - prof. V.V. Mikheyev) I Moskovskogo ordena Lenina meditsinskogo instituta i laboratoriya neyro-gumoral'noy regulyatsii (zav. - chlen-korrespondent AN SSSR N.I. Grashchenkov) Instituta vysshey nervnoy deyatel'nosti i neyrofiziologii AN SSSR, Moskva.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

Il'INA, N.A.

Paroxysmal myoplegia. Zhur. nevr. i psikh. 63 no.9:1352-1356 '63. (MIRA 17:8)

1. Kafedra nervnykh bolezney (zav. - prof. V.V. Mikhayev) I Moskovskogo ordena Lenina meditsinskogo instituta.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

USSR

Reaction of [illegible] with aldehydes and ketones. VI. [illegible] of [illegible] Gen. Chem. USSR [illegible]

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

Il'ina, N.A.

USSR/Chemistry - Reaction processes

Card 1/1 Pub. 151 - 22/36

Authors : Abramov, V. S., and Il'ina, N. A.

Title : Reaction of dialkylphosphorous acids with aldehydes and ketones. Part 6.- Esters of alpha-oxy-propylphosphinic acid.

Periodical : Zhur. ob. khim. 24/1, 124-127, Jan 1954

Abstract : The derivation of seven hitherto unknown esters of alpha-oxy-propylphosphinic acid from the reaction of dialkylphosphorous acids with propionic aldehyde is described. The structural characteristics and constants of these esters are tabulated. A freshly prepared saturated sodium-methylate solution served as catalyst for the above montioned reaction. The effect of the hydrocarbon radical of the acid on the rate and process of reaction between dialkylphosphorous acid and carbonyl compounds is explained. Five USSR references (1905 -1953). Tables.

Institution : The S. M. Kirov Chemical-Technological Institute, Kazan

Submitted : May 10, 1953

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

ABRAMOV, V.S.; IL'INA, N.A.

Mechanism of the Arbuzov rearrangement. Part 3. Interaction of the nitrile and methyl ester of α,β-dibromo- and α,β-dichloropropionic acid with phosphites. Zhur.ob.khim. 26 no.7:2014-2019 Jl '56. (MLRA 9:10)

1. Kazanskiy khimiko-tekhnologicheskiy institut imeni S.M. Kirova. (Nitriles) (Rearrangements(Chemistry)) (Propionic acid) (Phosphites)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

5(3) SOV/20-125-5-20/61

AUTHORS: Abramov, V. S., Il'ina, N. A.

TITLE: Reactions of Aldehydes and Ketones With Phosphorous Acid Amides (Reaktsii al'degidov i ketonov s amidami fosforistykh kislot)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 125, Nr 5, pp 1027-1029 (USSR)

ABSTRACT: Aldehydes and ketones react with phosphorus trichloride and form products which after the treatment with water or alcohol are transformed into α-oxy-alkyl-phosphinic acids or esters of the latter (Ref 1). This reaction was investigated more thoroughly (Refs 2 - 4). It was proved that aldehydes and ketones react with mono- and di-halogen derivatives of phosphorus with the same positive result. They react as well in the case of heating with phosphonium iodide and yield oxy-alkyl derivatives. Phosphines enter this reaction only in an intense HCl current (Ref 5). Hypophosphorous acid, phosphorous acid, and alkyl-phosphinous acid can react with aldehydes and ketones and yield oxy-substituted phosphorus derivatives (Ref 8). Aldehydes and ketones react with complete esters of phosphorous acid according to the type

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APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

of halogen esters and yield esters of the α-alkoxy-thio--phosphinous acids (Ref 11). It may be assumed that the dialkylamido-(anilido)-phosphites as compounds of trivalent phosphorus are bound to react with the carbonyl compounds in the first place according to the phosphite type (see Scheme). The reaction of the action of aldehydes and ketones upon the last-mentioned phosphites proceeds apparently with the formation of an affiliation intermediate product (II), which has probably the nature of a quasiphosphonium. It is transformed, analogously to the Arbuzov regrouping, into the final product (III) of the reaction. Another course of the reaction is, however, possible as well. The experimental investigation carried out proved that diphenyl-anilido--phosphite, pyrocatechol-anilido-phosphite and other phosphites react very intensely with aldehydes and ketones. A considerable generation of heat occurs already in mixing the components. In some reactions temperature rises to more than 100°. After the cooling the reaction products solidify to a glassy mass which in several cases assumes a yellow

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"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

color. In the case of constant cooling and mixing the components in portions the reactions proceed moderately and the products remain colorless. Thus reactions of diphenyl- and pyrocatechol-anilido-phosphite with acet-, propion-, and benzaldehyde, acetone, and cyclohexanone were carried out. Products were synthesized which corresponded to the affiliation products according to the empirical formula. Table 1 shows their properties (Nr 1 - 7). Nr 4 and 7 were saponified with diluted HCl at moderate heating. In the first case pyrocatechol and aniline were isolated from the saponification products, in the second case phenol was separated, which was transformed into tibromophenol and aniline. The authors failed in isolating the expected α-oxy-iso-propyl-phosphinic- and 1-phenoxy-cyclohexyl-1--phosphinic acids. They believe that anilido-phosphites react with aldehydes and ketones according to the type of the Arbuzov regrouping. They ascribe to them the structural formulas given in table 1. There are 1 table and 14 references, 6 of which are Soviet.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

Reactions of Aldehydes and Ketones With Phosphorous Acid Amides SOV/20-125-5-20/61

ASSOCIATION: Kazanskiy khimiko-tekhnologicheskiy institut im. S. M. Kirova (Kazan' Institute of Chemical Technology imeni S. M. Kirov)

PRESENTED: October 18, 1958, by B. A. Arbuzov, Academician

SUBMITTED: October 11, 1958

Card 4/4

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

S/020/60/132/04/24/064
B011/B003

5.3630

AUTHORS: Abramov, V. S., Il'ina, M. A.

TITLE: Reaction of Aldehydes and Ketones With the Amides of Phosphorous Acids

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 132, No. 4, pp. 823-825

TEXT: Until recently the authors assumed that aldehydes and ketones cannot always react with the amido group of the amides of phosphorous acids since merely a small amount of resin could be obtained by such a reaction. In order to verify this assumption the authors examined the reactions of aldehydes and ketones with di-substituted amides of phosphorous acids. They found that aldehydes and ketones react with diethyl amides of phosphorous acids (Ref. 4). The dialkyl amides of phosphorous acids react particularly easily with halogen-substituted carbonyl compounds such as chloral, chloroacetone, symmetric dichloroacetone, et al. As proven by several chemists (Ref. 5), the esters of

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"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

Reaction of Aldehydes and Ketones With the Amides of Phosphorous Acids

81192
S/020/60/132/04/24/064
B011/B003

chlorine is contained in the vinyl radical, the above-mentioned determination does not yield satisfactory results. In their experiments the authors failed to determine the structure of the resulting products by means of exchange of the ester radicals (Ref. 6). Apparently, the diethylamido group bonded to a phosphorus atom has a disturbing effect on the exchange reaction of the mixed alkylamido esters. This reaction is further investigated. The diamido esters of phosphorous acids react with aldehydes and ketones in a similar way as amido esters. There are 1 table and 6 Soviet references.

ASSOCIATION: Kazanskiy khimiko-tekhnologicheskiy institut im. S. M. Kirova (Kazan' Institute of Chemical Technology imeni S. M. Kirov)

PRESENTED: January 23, 1960, by B. A. Arbuzov, Academician

SUBMITTED: January 21, 1960

Card 3/3

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.A.; LUKOVNIKOVA, A.P.; ABRAMOV, V.S.

Reactions of aldehydes and ketones with phosphorous acid amides. Report No.5: Action of α-chloro-substituted aldehydes and ketones on di-β-chloroethylphosphorous acid diethylamide. Trudy KKHTI no.30:40-44 '62. (MIRA 16:10)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

ABRAMOV, V.S.; IL'INA, N.A.

Rearrangement of amido esters of phosphorous acids in reactions with -halo carbonyl compounds. Action of monochloroacetic acid esters on di-(diethyl)-amidoalkyl esters of phosphorous acid. Dokl. AN SSSR 155 no.1:112-114 Mr '64. (MIRA 17:4)

1. Kazanskiy khimiko-tekhnologicheskiy institut im. S.M.Kirova. Predstavleno akademikom B.A.Arbuzovym.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

TATARINOV, V.G., dotsent; IL'INA, N.A., dotsent

Anonylous segment and its content. Trudy 1-go MMI 38:11-20 '65.
(MIRA 18:10)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

ILYINA, N.F., dotsent; YAKUSHINA, V.M., assistant

Atactic syndrome as sequela of vertebral artery insufficiency in cervical osteochondrosis. Trudy 1-go MMI 38:169-175 '65. (MIRA 18:10)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

UDINTSEV, G.N.; ANAN'INA, Z.N.; ANDREYEVA, A.G.; BLANK, V.B.; GAYLAN, Ya.I.; YEGOR'KOVA, A.S.; ZUBZHITSKIY, Yu.N.; IL'INA, N.D.; KAMRAZ, I.V.; KARRO, L.M.; MIROYEVSKAYA, Z.Ye.; NECHAYEVA, Ye.A.; PARNOV, B.S.

Influenza in 1957 from data of the hospital therapeutic clinic of the Leningrad Institute of Sanitation and Hygiene. Sov.med. 23 no.10:67-70 O '59. (MIRA 13:2)

1. Iz gospital'noy terapevticheskoy kliniki (zaveduyushchiy - chlen-korrespondent AMN SSSR prof. G.N. Udintsev) Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta.
(INFLUENZA statistics)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.D.

Effect of Scopolia tangutica preparations in gastric ulcer and chronic gastritis. Trudy LSGMI 74:257-260 '62.

(MIRA 17:10)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.F., inzh.

Reinforced concrete elements for industrial construction. Bet. i zhel.-bet. no. 3:99-105 Mr '61. (MIRA 14:5)
(Reinforced concrete)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

GAL'BINSHTEYN, Z.N., inzh.; IL'INA, N.F., inzh.; NAUMOVA, M.V., inzh.; FILINA, T.A., inzh.; KHODOS, M.M., inzh.; GOL'DMAN, Zh.I.; PATALAKH, V.G.; SNESAREV, M.M.; VUL'FSON, Ye.S., inzh.; KONSTANTINOVA, L.A., insh.; SKOBELEVA, A.M., insh.; TEL'NOVA, Ye.V., inzh., KHEYFETS, L.S., insh.; SELENEVICH, A.S.; NEDOVESENKO, M.V.; VOLKOVA, A.Ye.; NOVITSKIY, L.M., nauchn.red.; NEFEDOV, S.F., red.; ROSTOTSKIY, V.K., red.; GORDEYEV, P.A., red. izd-va; YUDINA, L.A., red.izd-va; VDOVENKO, Z.I., red.izd-va; GOL'BERG, T.M., tekhn.red.; KOROBKOVA, N.I., tekhn. red.

[Album of new construction equipment recommended for adoption] Al'bom novoi stroitel'noi tekhniki, rekomenduemoi k vnedreniiu. Moskva, Gosstroiizdat, 1963. No.1.[Industrial construction] Promyshlennoe stroitel'stv. 116 p. No.3.[Construction for transportation purposes] Transportnoe stroitel'stvo. 91 p. No.4.[Rural construction] Sel'skoe stroitel'stvo. 71 p. No.5. [Building materials, products, and elements] Stroitel'nye materialy, izdeliia i konstruktsii. 41 p. No.8. [Construction and road machinery and equipment] Stroitel'nye i doroshnye mashiny i oborudovanie. 104 p. (MIRA 16:8)

(Building materials) (Road machinery)
(Construction equipment)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N. I., Eng.; MEGALINSKIY, Ye. I., Eng.; RUTENSHTEYN, L. G., Eng.

"Improving the Technology of Protective Coatings" p. 552-571 in book Increasing the Quality and Efficiency of Machinery, Moscow, Mashgiz, 1957, 626pp.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

USTINOV, A.A.; Prinimali uchastiye: IL'INA, N.I.; LIPOVETSKIY, G.S.

Use of glass plastics in orthopedia. Plast.massy no.8:70 '62. (MIRA 15:7)

(Orthopedic apparatus) (Glass reinforced plastics)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

ASSANOVA, Margarita Petrovna; AFONINA, Lyubov' Petrovna; IL'INA, Nina Ivanovna; SVETOZARSKAYA, Galina Fedorovna; SEVAST'YANOVA, Kamila Alekseyevna; GOLUBEVA, I.A., red.; RESHETIN, G.V., tekhn. red.

[Advanced practices in floriculture and landscaping] Peredovoi opyt v tsvetovodstve i ozelenenii; putevoditel'. Moskva, 1962. 35 p. (MIRA 16:5)

1. Moscow. Vystavka dostizheniy narodnogo khozyaystva SSSR. Pavil'on "TSvetovodstvo i ozeleneniye."
(Floriculture--Exhibitions)
(Landscape gardening--Exhibitions)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.I., inzh.

Low temperature thermochamber. Khol. tekh. 39 no.5:76-77 S-O '62. (MIRA 16:7)

(Refrigeration and refrigerating machinery)
(Testing laboratories--Equipment and supplies)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

MINEYEV, P.A., inzh.; GUREVICH, Ye.S., inzh.; SHINKA, V.Ya., inzh.; BUKHTER, Ye.Z., inzh.; SHCHERBAKOV, V.S., inzh.; IL'INA, N.I., inzh.; GLUKHOV, V.V., inzh.; GOGOLINA, T.V., inzh.; KROTKOV, V.N., inzh.; STASHIN, Ye.A., inzh.; KUSHNER, A.P., inzh.; YERMAKOVA, P.I., inzh.; PAVLOV, R.V., inzh., red.; KASPEROVICH, N.S., red.izd-va; UVAROVA, A., tekhn. red.

[Catalog of refrigeration equipment] Katalog kholodil'nogo oborudovaniia. Moskva, Mashgiz, 1963. 186 p. (MIRA 16:7)

1. Russia (1923- U.S.S.R.) TSentral'noye konstruktorskoye byuro kholodil'nogo mashinostroyeniya.2. TSentral'noye konstruktorskoye byuro kholodil'nogo mashinostroyeniya (for all except Kasperovich, Uvarova).
(Refrigeration and refrigerating machinery--Catalogs)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

BEKNEVA, Ye.V., inzh.; IL'INA, N.I., inzh.

New environmental and altitude test chambers. Khol.tekh. 40 no.6:15-22 N-D '63. (MIRA 17:4)

1. TSentral'noye konstruktorskoye byuro kholodil'nogo mashinostroyeniya.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

L 13075-63 EWP(q)/EWT(m)/BDS AFFTC/ASD JD

ACCESSION NR: AP3002834 S/0066/63/000/003/0074/0077

AUTHOR: Il'ina, N. I. 54

TITLE: Low-temperature cabinet for gold treatment of metals 18

SOURCE: Kholodil'naya tekhnika, no. 3, 1963, 74-77

TOPIC TAGS: low-temperature cabinet freon-13, freon-22

ABSTRACT: Low temperature cabinet TKS1 - 0.3-80, which can handle a capacity of 40 kg/hour at -80 degrees, and which consists of a cold cabinet and cooling equipment using Freon-13 and Freon-22 is described in the enclosure. Orig. art. has: 3 figures and 1 table.

ASSOCIATION: none

SUBMITTED: 00 DATE ACQ: 23Jul63 ENCL: 02

SUB CODE: 00 NO REF SOV: 000 OTHER: 000

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APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

ACCESSION NR: AP4005910 S/0066/63/000/006/0015/0022

AUTHOR: Bekneva, Ye. V. (Engineer); Il'ina, N. I. (Engineer)

TITLE: New temperature and temperature-pressure chambers

SOURCE: Kholodil'naya tekhnika, no. 6, 1963, 15-22

TOPIC TAGS: temperature chamber, pressure chamber, altitude simulation, altitude chamber

ABSTRACT: In the USSR, the temperature and temperature-pressure chambers used extensively in the electronic, aircraft, chemical, pharmaceutical, defense, and other industries, were, until recently, built individually as they were needed for various projects. However, with the development of science and engineering, a demand has been created for mass-produced chambers for use in various tests. To fill this need, a series of temperature and temperature-pressure chambers with capacities up to one cubic meter is being developed by the Tsentral'noye konstruktorskoye byuro kholodil'nogo mashinostroyeniya (Central Design Bureau of Refrigeration Machine Building). The series is expected to be completed by 1967. Table 1 of the Enclosure gives the

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APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

ACCESSION NR: AP4005910

characteristics of these new chambers. Work in this field is regulated by GOST 10370-63 ("Temperature Chambers and Temperature Pressure Chambers. Types and Basic Parameters"). In 1963, the bureau tested prototypes of chambers with capacities of 100 and 200 cubic decimeters. Prototypes of box-type chambers with capacities of 60, 150, and 400 cubic decimeters are to be tested in 1964. Orig. art. has: 4 figures and 1 table.

ASSOCIATION: Tsentral'noye konstruktorskoye byuro kholodil'nogo mashinostroyeniya (Central Design Bureau of Refrigeration Machine Building)

SUBMITTED: 00 DATE ACQ: 28Jan64 ENCL: 02

SUB CODE: AS NO REF SOV: 005 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

BOL'SHAKOV, K.A.; FEDOROV, P.I.; IL'INA, N.I.

Binary systems of sodium sulfate with copper (II) and iron (III) sulfates. Zhur. neorg. khim. 8 no.11:2577-2579 N '63. (MIRA 17:1)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

FEDOROV, P.I.; IL'INA, N.I.

Interaction of the chlorides and indium, potassium, copper (1), silver, and thallium. Zhur. neorg. khim. 9 no.5:1207-1210 My '64. (MIRA 17:9)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

FEDOROV, P.I.; IL'INA, N.I.

Interaction of indium chloride with iron, cobalt, and bismuth chlorides. Zhur.neorg.khim. 11 no.1:205-207 Ja '66. (MIRA 19:1)

1. Submitted January 30, 1965.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

L-33088-65
ACC NR: AP6024078 SOURCE CODE: UR/0066/66/000/001/0058/0061

42
B

AUTHOR: Il'ina, N. I.
ORG: VNIIkholodmash

TITLE: Tank for testing pressure and temperature measuring equipment TBK 015-70

SOURCE: Kholodil'naya tekhnika, no. 1, 1966, 58-61
TOPIC TAGS: test chamber, temperature measurement, pressure measurement, pressure measuring instrument, refrigeration equipment, vacuum pump/TBK 015-70 test chamber

ABSTRACT: In 1965, the Krasnyy Fakel plant, according to specifications produced by the All-Union Scientific Research Institute for Refrigeration Machine Building (VNIIkholodmash), constructed the TBK 015-70 pressure and temperature chamber for experimentation in the range from -70 to +100°C., 2 to 760 mm Hg pressure. The capacity of the chamber is 150 dm³. The upper part of the cabinet is the chamber itself, the lower half of the device containing the refrigeration and vacuum pump apparatus. The working chamber is a cube, 540 mm on a side. The chamber is surrounded by the electric heating and air-cooling apparatus, then 200 mm of insulation. The door has a viewing window 300 mm in diameter. There is internal illumination, and provision for motion-picture film lighting. There are electric plugs and pneumatic valve outlets within the chamber. Photograph, drawings and complete data lists are presented. Orig. art. has: 3 figures. [JPRS]

SUB CODE: 20, 13 / SUBM DATE: none

UDC: 621.565

Card 1/1 BK

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

FOMIN, A.N., inzh.; IL'INA, N.I., inzh.

New book on vacuum apparatus. Khim.mashinostr. no.3:46 My-Je '64.
(MIRA 18:1)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

S/169/62/000/010/050/071
D228/D307

AUTHOR: Il'ina, M.L.

TITLE: Some hydrochemical features of the north part of the Sea of Norway and the Greenland Sea (summer of 1958)

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 10, 1962, 7, abstract 10V56 (In collection: Okeanol. issledovaniya, no. 3, M., AN SSSR, 1961, 151-161 (summary in Eng.))

TEXT: In May-June 1958 the concentration of O_2, phosphates, and nitrites in water to depths of 1000 m was determined at 64 stations on 4 profiles between 69° and 80° to the east of 8°N. In much of the area of operations the water is supersaturated with O_2 down to 100-150 m in consequence of intensive photosynthesis. The content of phosphates is minimal in the trophogenic layer and the less there is of them, the higher the supersaturation of water with O_2. At great depths the amount of P increases to 20-25 γ/l. Nitrates are contained in warm water at a concentration of 1-2 γ/l, with a

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Some hydrochemical features ... S/169/62/000/010/050/071
D228/D307

maximum at a depth of 50-200 m. There are no nitrites in the deep layers.
[Abstracter's note: Complete translation]

Card 2/2

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

GERSHKOVICH, P.N.; IL'INA, N.M.

Effectiveness of treating functional incontinence of urine in women by exercise in hypnoid states. Vop. kur., fizioter. i lech. fiz. kul't. 22 no.1:50-52 Ja-F '57 (MLRA 10:4)

1. Iz TSentral'noy psikho-nevrologicheskoy bol'nitsy Ministerstva putey soobshcheniya, Khar'kov (nachal'nik V.M. Yushtin)
(HYPNOTISM--THERAPEUTIC USE) (URINE--INCONTINENCE)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

Phase transformation in steel in the region of thermal influence of welding. N. N. Il'ina and N. F. Lashko. *Avtomat. Svarka* 7, No. 1 (Whole No. 34), 28-36(1954).—The authors have investigated the structure and kinetics of formation of the carbide phases in the zone of thermal influence in the electrosarc welding of alloy steels, including Mark 30KhGSA (C 0.32, Cr 1.02, Mn 0.90), Mark 12Kh-5MA (C 0.12, Cr 4.61, Mn 0.38, Ni 0.16, Mo 0.46), and 18-4 (C 0.11, Cr 17.35, Mn 0.34, Ni 3.60%). Charts, tables, and photomicrographs are presented to illustrate structure variations from the weld to distances of 5 mm. and 10 mm. from the weld. The relation between carbide formations and the loss of corrosion stability in the vicinity of the weld is discussed. J. R. Bghrman

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

ILINA, N.N.

PHASE I BOOK EXPLOITATION 920

U.S.S.R. Ministerstvo svyazi. Tekhnicheskoye upravleniye

Korotkovolnovyye radioperedayushchiye ustroystva; informatsionnyy sbornik. (Shortwave Radio Transmitting Apparatus; Collection of Information) Moscow, Svyaz'izdat, 1958. 150 p. (Series: Tekhnika svyazi) 14,500 copies printed.

Resp. Ed.: Rozentsveyg, I.Ye.; Ed.: Novikova, Ye.S.; Tech. Ed.: Shefer, G.I.

PURPOSE: The book is intended for engineering and technical personnel working in radio communication.

COVERAGE: The monograph contains two articles describing two different broadcast transmitters of 120 kw and 50 kw for operation in the short-wave band. The book provides general information and discusses the electrical and acoustic indices, as well as elementary circuits, of the high-frequency and low-frequency stages. It also presents elementary power supply circuits, control circuits and

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"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

FILIPPOV, Vasiliy Rodionovich, prof.; MAKAROV, K.Kh., spetsr. red.; IL'INA, N.N., red.; BERKOVICH, M.Z., tekhn. red.

[Cytotoxic stimulation of immunity]Tsitotoksicheskaia stimuliatsiia immuniteta. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1960. 276 p. (MIRA 15:12)

(IMMUNITY) (SERUM)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

TARMAKHANOVA, O.D.; MAKHNEVA, L.V., red.; IL'INA, N.N., red.; BATOTSYRENOVA, D.B., tekhn. red.

[The Burjat A.S.S.R. from one congress to another, 1959-1961; list of recommended literature] Buryatskaia ASSR ot s"ezda do s"ezda, 1959-1961 gg.; rekomendatel'nyi ukazatel' literatury. Ulan-Ude, Buriatskoe knizhnoye izd-vo, 1961. 26 p. (MIRA 16:7)

1. Ulan-Ude. Respublikanskaya biblioteka Buryatskoy ASSR. Spravochno-bibliograficheskiy otdel.
(Buryat A.S.S.R.--Bibliography--Economic conditions)
(Buryat A.S.S.R.--Economic conditions)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N. F.

DECEASED

c. '63

Roofing

Industrial Painting

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

YEFREMOVA, T.K., gornyy inzh.; IL'INA, N.P., gornyy inzh.

Ventilation for dust removal in stopes of coal mines. Sobr. rab. po silik. no.3:209-215 '61. (MIRA 15:10)

1. Gorno-geologicheskiy institut Ural'skogo filiala AN SSSR trest Kopeyskugol'.
(Cheleyabinsk Basin—Mine dusts) (Mine ventilation)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

YEFREMOVA, T.K., inzh.; IL'INA, N.P., inzh.

Ventilation as means for dust control in coal mine stopes. Bezop. truda v prom. 6 no.3:19-20 Mr '62. (MIRA 15:3)

1. Gornogeologicheskiy institut Ural'skogo filiala Akademii nauk SSSR (for Yefremova). 2. Trest Kopeyskugol' (for Il'ina).
(Mine ventilation)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.P. [deceased]; IVANOVA, A.V.

Using vinyl-perchloride paints in the repair of facades of Moscow buildings. Sbor. nauch. rab. AKKH no.16:70-73 '62. (MIRA 17:8)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.P. [deceased]

Stuccoing and painting the façades of buildings. Nov. tekh. zhil.-kom. khoz.:Zhil. khoz. no.2:22-27 '63.

(MIRA 18:6)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

ILINA, N.S.

Jurassic iron-ore horizons of the North Caucasus. B. M. Andronov and N. S. Il'ina. *Sovet Geol.* 1941, No. 1, 49-60.—Chem. analyses for FeO, Fe_2O_3, Al_2O_3, CaO, SiO_2, TiO_2 and CO_2 are given for 35 ore samples.
F. H. Rathmann

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

ILINA, N. S.

The geology, mineralogy and origin of bauxites of the Buksan deposits in the eastern Sayan range, N. S. Ilina. Bull. acad. sci. U. R. S. S., Ser. géol. 1944, 83-8 (English summary, 88-9).—The bauxites investigated occur in limestone deposits of Middle Cambrian age. The principal mineral components assoc. with the ground mass where the bauxite is found consist of hematite, leptochlorite, a micaceous and argillaceous aggregate, and hematite oxidation products. There is an admixt. of kaolinite, tourmaline, rutile, quartz, calcite and apatite. The bauxite deposits have formed in shallow waters over reefs in conjunction with algae. The thickness of the deposits varies from 25 to 80 meters.

J. S. Joffe

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.S., kandidat geologo-mineralogicheskikh nauk.

Brief lithological description of deposits of Triticitian and Schwagerina beds of the upper Carboniferous in the Russian Platform and the western Ural piedmont. Trudy VNIGNI no.2:182-200 '51.
(Russian Platform--Geology, Stratigraphic) (MLRA 10:4)
(Ural Mountain region--Geology, Stratigraphic)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

ILINA, N.S.

15-57-5-5768

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 5, p 9 (USSR)

AUTHORS: Il'ina, N. S.

TITLE: New Data on the Lower Carboniferous Stratigraphy in the Northern Part of Russian Platform (Novyye dannyye po stratigrafii nizhnego karbona severnoy chasti Russkoy platformy)

PERIODICAL: Tr. Vses. n.-i. geologorazved. neft. in-ta, 1954, Nr 4, pp 44-61.

ABSTRACT: Bibliographic entry

Card 1/1

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

11 Aug 53

IL'INA, N. S.

USSR/Geology - Carboniferous

"New Data on the Stratigraphy of the Lower Carboniferous Deposits in the Southern Part of the Sursko-Mokshinskaya Zone of Upheavals," N. S. Il'ina

DAN SSSR, Vol 91, No 5, pp 1191-1194

Describes the Turneyskiy stage represented by the Likhvinskiy and Chernyshinskiy substages, the Vizeyskiy stage represented by the Yasnopolyanskiy, Okskiy and Serpukhovskiy substages, the Namyurskiy stage represented by the lower Namyurskiy stage, all of which are found to exist in the lower Carboniferous in the Kikino region (rayon). Presented by Acad D. V. Nalivkin 16 Jun 53.

266T69

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.S.

RYZHIKOV, D.V.; MAKSIMOVICH, G.A., doktor geologo-mineralogicheskikh nauk, otvetstvennyy redaktor; IL'INA, N.S., redaktor izdatel'stva; POLYAKOVA, T.V., tekhnicheskiy redaktor.

Nature of karst and principal regularities of its development (exemplified by the Ural Mountains). Trudy Ger.-geol. inst. no. 21:3-154 '54. (MIRA 8:2)
(Ural Mountain region--Karst)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

USSR/Geology

Card 1/1 Pub. 22 - 32/47

Authors : Il'ina, N. S.

Title : Age of terrigenous deposits in the Yasnopolyanak sub-stratum along the central regions of the Russian platform

Periodical : Dok. AN SSSR 101/6, 1097 - 1098, Apr. 21, 1955

Abstract : It was established on the basis of exploration drilling that the terrigenous deposits of the Yasnopolyanak sub-stratum are widely spread all over the central regions of the Russian platform. Geological data pertaining to these deposits are presented. Three USSR references (1948-1954).

Institution : .....

Presented by: Academician N. M. Strakhov, December 21, 1954

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.S.

New data on the stratigraphy of the lower Carboniferous in the northern Russian Platform. Trudy VNIGNI no.4:44-61 '54.
(Russian Platform--Geology, Stratigraphic) (MLRA 10:4)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.S.; YELINA, L.M.; FRUKHT, D.L.

[redacted]

Geological structure of Gorkiy Province and adjacent regions. Trudy VNIGNI no.6:3-11 '55. (MLRA 9:11)

(Gorkiy Province--Geology, Stratigraphic)
(Gorkiy Province--Coal geology)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'ina, N. S.

"Phases of the Lower Carboniferous Deposits in the Central Regions of the Russian Platform."

A paper presented on 29 April, The Activity of the Moscow Society of Naturalists, Byulleten' Moskovskogo Obshchestva Ispytateley Prirody Vol LX.

No 6, Moscow, Nov-Dec 1955, pp 80-90, Geology Section
Source: U-2935, 29 Nov 1956

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

SMIRNOV, G.A.; IVANOV, A.N., dokter geologo-mineralogicheskikh nauk, redaktor; IL'INA, N.S., redaktor; MAKUNI, Ye.V., tekhnicheskiy redaktor.

[Ufa amphitheater] Ufimskii amfiteatr. Part 1. [Stratigraphic description] Stratigraficheskoe opisanie. Moskva, Izd-vo Akademii nauk SSSR, 1956. 172p. (Akademiia nauk SSSR. Uralskii filial, Sverdlovsk, Gorno-geologicheskii institut. Trudy no.25) (MLRA 9:6)

(Ural Mountain region--Geology, Stratigraphic)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

POLONSKAYA, Brungil'da Yakovlevna; TEODOROVICH, G.I., doktor geologo-mineralogicheskikh nauk, otvetstvennyy redaktor; IL'INA, N.S., redaktor izdatel'stva; NOVIKOVA, S.G., tekhnicheskiy redaktor

[Petrography and facies characteristics of Devonian deposits of the Kuybyshev region of the Volga Valley] Petrografiia i fatsial'nye osobennosti devonskikh otlozhenii Kuibyshevskogo Povolzh'ia. Moskva, Izd-vo Akademii nauk SSSR, 1956. 134 p. (MLRA 9:11)
(Volga Valley—Petrology)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"

"APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9

IL'INA, N.S.; LEVINA, L.M.

Mineralogical characteristics of rocks in the Yasnaya Polyana substage of the lower Carboniferous in central regions of the Russian Platform. Trudy VNIGRI no.7:62-72 '56. (MLRA 9:12)
(Russian Platform--Mineralogy)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R000618510010-9"