"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHIDAYEV, V.

Pavilion of Rostov firemen. Pozh.delo 5 no.1:17 Ja '59.
(MIRA 11:12)

1. Nachal'nik Upravleniya pozharnoy okhrany Rostovskogo oblispolkoma.
(Rostov-on-Don--Fire prevention)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

ACC NR: AP7005620 SOURCE CODE: UR/0413/67/000/002/0064/0064

INVENTOR: Pozhidayev, V. M.; Konchenkov, P. Ye.

ORG: none

TITLE: Contactless relay. Class 21, No. 190483

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1967, 64

TOPIC TAGS: electric relay, relaxation oscillator

ABSTRACT: An Author Certificate has been issued for the contactless relay whose circuit is shown in Fig. 1. To increase operational speed, the relaxation

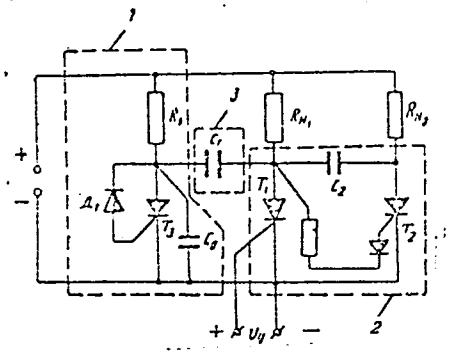

Fig. 1. Contactless relay

1 - Relaxation oscillator;
2 - switching circuit;
3 - capacitor.

Card 1/2 UDC: 621.318.571

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ACC NR: AP7005620

oscillator is connected in parallel with the switching circuit, which incorporates two thyristors. The thyristor anode of the relaxation oscillator and the switching circuit are coupled by a capacitor. The control signal is applied to the thyristor anode of the switching circuit. Orig. art. has: 1 figure. [WP]

SUB CODE: 09/ SUBM DATE: 22Jan64/ ATD PRESS: 5116

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

ACC NR: AP6017969 SOURCE CODE: UR/0413/66/000/010/0051/0051

INVENTORS: Poshidayev, V. M.; Sychev, V. A.; Konchenkov, P. Ye.

ORG: none

TITLE: Static dc to ac converter. Class 21, No. 181720

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 10, 1966, 51

TOPIC TAGS: dc to ac converter, transistorized circuit, electric energy conversion

ABSTRACT: This Author Certificate presents a static dc to ac converter containing controllable rectifiers, switching capacitors, an output transformer, and rectifier control circuits. To simplify and to increase the reliability, stabilitrons are connected in the control circuits. Each stabilitron cathode is connected to the anode of one rectifier. The anode is connected either to the controlling electrode of the same rectifier for single-phase conversion or to the controlling electrode of another rectifier in a ring circuit for three-phase conversion (see Fig. 1).

UDC: 621.314.572

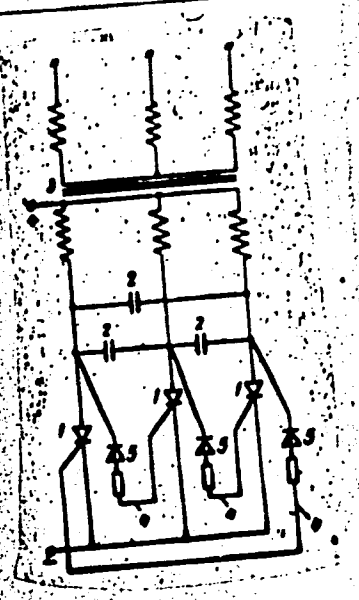
Card 1/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

ACC NR: AP6017969

Fig. 1. 1 - controllable rectifiers; 2 - switching capacitors; 3 - output transformer; 4 - rectifier control circuits; 5 - stabilitrons



Orig. art. has: 1 diagram.

SUB CODE: 09/ SUBM DATE: 11Dec63

Card 2/2

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

ACCESSION NR: AP4025739 S/0144/64/000/002/0209/0216

AUTHOR: Pozhidayev, Viul Mikhaylovich (Lecturer)

TITLE: Using contactless components in d-c motor braking

SOURCE: IVUZ. Elektromekhanika, no. 2, 1964, 209-216

TOPIC TAGS: dc motor, dc motor braking, braking, contactless dc motor braking, contactless dynamic braking

ABSTRACT: A number of circuit diagrams which permit an automatic transition from operating to braking conditions in case of a power failure or voltage dip are considered. Enclosure 1 shows three circuit diagrams: Fig 1 — a dynamic braking circuit for a separately-excited motor; Fig 2 — a composite-transistor circuit for dynamic braking; Fig 3 — a magnetic-amplifier drive with dynamic braking. The above circuits were experimentally tested and exhibited good braking characteristics. A D-26A motor (12 w, 27 v) with a Ge P4B transistor

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ACCESSION NR: AP4025739

showed a braking time (circuit, Fig 1) of only 1/6 that of free retardation. A series-wound MU-50 motor (50 w, 27 v) with a P4B transistor had a braking time 2.8 times shorter than the time of free retardation. It is noted that the contactless devices can be used for braking adjustable-speed and constant-speed d-c motors up to 5 kw. Orig. art. has: 7 figures and 14 formulas.

ASSOCIATION: none

SUBMITTED: 08Feb62 DATE ACQ: 16Apr64 ENCL: 01

SUB CODE: IE NO REF SOV: 002 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHIDAYEV, Vitol Mikhaylovich, prepodavatel'

Use of contactless elements in the braking networks of d.c. motors. Izv. vys. uchebn. zav.; elektromekh. 7 no.2: 209-216 '64. (MIRA 17:4)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

MIKHAYLOV, V.P., POZHIDAYEV, Ye.A. (Leningrad)

Sixth conference devoted to the memory of A.A. Zavarzin.
Arkh.anat. gist. i embr. 33 no.1:103-104 Ja-Mr '56 (MIRA 12:1)
(ANATOMY--CONGRESSES)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHIDAYEV, Ye.A., Cand Med Sci -- (diss) "Reactive changes of the epithelium of the trachea under conditions of reparative regeneration." Len, 1958, 15 pp (Acad Med Sci USSR. Inst of Experimental Medicine of Acad Med Sci USSR. Len Sanitary Hygiene Med Inst) 20 copies (KL, 28-58, 111)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHIDAYEV, Ye.A.

Reactive changes in the tracheal epithelium during regeneration [with summary in English]. Trudy LSGMI 42:108-131 '58 (MIRA 11:12)

1. Kafedra gistologii i embriologii Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav. kafedroy - chlen-korrespondent AMN SSSR, prof. S.I. Shchelkunov).
(TRACHEA, physiol.
regen., reactive changes of epithelium (Rus))
(REGENERATION,
trachea, reactive changes of epithelium (Rus))
(EPITHELIUM)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

17(4,12)

AUTHOR: Pozhidayev, Ye. A. SOV/20-126-1-60/62

TITLE: The Effect of Introducing Tar Pitch Into the Ovary of Rats Upon the Development of Their Embryos (Vliyaniye vvedeniya kamennougol'noy smoly v yaichnik krysy na razvitiye zarodyshey)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 1, pp 217-220 (USSR)

ABSTRACT: There is a lack of experimental data on the importance of the development of oocytes for the embryonal development of mammals. Since informational experiments with a partial ligation of the nerves and of blood vessels of the ovary, and experiments with the insertion of clove oil showed negative results, tar pitch was injected. For this purpose fully developed white rats were used. An oil emulsion of tar, in quantities below 0.1 ml was inserted in the cortical substance of the left ovary of 100 young and sterile female rats. They were fecundated at different intervals and killed 7, 8, 10, 11, 12, 13, 16, 17, and 20 days after pregnancy. The corpora lutea in the ovaries (right ovary served as control) as well as living and dead feti were counted. Table 1 shows the

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SOV/20-126-1-60/62

The Effect of Introducing Tar Pitch Into the Ovary of Rats Upon the Development of Their Embryos

results. Table 2 gives the influence of tar on the embryonal development. The injections mentioned cause changes in the oocytes which disturb the embryogenesis. This is expressed by the reduced percentage of implanted ovules and the increased rate of mortality of implanted embryos. Neither an accidental penetration of tar into the uterus, nor a mechanical trauma of the ovary could have had a decisive effect on the mentioned pathogenesis. A reason for the disturbance of a normal development lies in some sort of changes of the zygotes themselves, and up to now it cannot be explained clearly. The disturbances also occurred in case of a long interval between operation and fecundation (more than 30 days). Therefore it is clear that the caused changes do not kill the oocytes, but make embryogenesis impossible. It is interrupted either in the first stages (before the implantation) or before the organogenesis is initiated. Fine morphogenetic mechanisms are disturbed, which are developed during the pro-embryonal period of development. X-rays exercised an analogous effect on the ovary (Ref 11). Structural and bio-

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

The Effect of Introducing Tar Pitch Into the Ovary of Rats Upon the Development of Their Embryos SOV/20-126-1-60/62

chemical transpositions in the egg caused by external agents, are apparently either completely regulated, or they make development impossible. There are 2 tables and 11 references, 3 of which are Soviet.

ASSOCIATION: Institut eksperimental'noy meditsiny Akademii meditsinskikh nauk SSSR (Institute of Experimental Medicine of the Academy of Medical Sciences, USSR)

PRESENTED: January 8, 1959, by N. N. Anichkov, Academician

SUBMITTED: December 30, 1958

Card 3/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

ACCESSION NR: AP4035824 S/0020/64/156/001/0194/0197

AUTHOR: Pozhidayev, Ye. A.

TITLE: Mortality of the rat embryo (F_1) after irradiation of the parents'(P) gamete with low x-ray doses at various ontogenetic periods

SOURCE: AN SSSR. Doklady*, v. 156, no. 1, 1964, 194-197

TOPIC TAGS: x ray irradiation, parents x ray irradiation, gamete irradiation, ontogenetic period, rat ontogenetic period, rat embryo mortality, prenatal irradiation, postnatal irradiation, oocyte radiosensitivity, low x ray dose sensitivity

ABSTRACT: In continuation of earlier studies on the irradiation of mature laboratory rodents, prospective parents were subjected to single total irradiation at various periods of pre-and postnatal life, embryos at the 10-19 days age, and newborn and young rats on the 7-45th day after birth. The pregnant rats received total abdominal irradiation. After maturation, the irradiated female rats were bred with non-irradiated males and vice versa. A determination of results was made on the 17-19th day after mating and this consisted in counting the corpus luteum bodies in the ovary (ovulation), the live, dead and resorbed embryos. Only

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

ACCESSION NR: AP4035824

the first generation of irradiated animals was inspected. The irradiation conditions are described (intensity 68.1 r/min., field 10x15 cm), in which 25, 50, 75 and 100 r were applied, and the results are tabulated and graphed. The basic experiments were performed with a 50 r dose (see fig. 2). In females this caused a high percentage of deaths, depending upon the oogenetic stage and the age of the females at irradiation time; it was particularly high at post-implantation time (10-17 days) and in females irradiated on the 45th day. The same dose applied to male at the same periods showed almost no influence on offspring, while post-natal irradiation caused damage to embrygenesis of the offspring, particularly the irradiation of newborn males (41.9% mortality) and up to the 45th day (30% mortality against 13.8% for the controls). Untoward x-ray influence on females was thus high, particularly on 14 day-old (48.2% embryonal mortality) and 45 day-old (67.2% mortality) females. The reason for the particular radiosensitivity of the oocytes at these periods of female life are unknown. Since this damage was done with doses of 25-50 r, while 600 r are required for adult rats to obtain the same effect, the author cautions against insufficiently motivated irradiation to pelvic organs of pregnant women and young children for diagnostic purposes. Orig. art. has: 3 tables and 1 figure.

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APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

ACCESSION NR: AP4035824

ASSOCIATION: Institut eksperimental'noy meditsiny* Akademii meditsinskikh nauk SSSR (Institute of Experimental Medicine, Academy of Medical Sciences, SSSR)

SUBMITTED: 30May63 ENCL: 01

SUB CODE: LS NO REF SOV: 002 OTHER: 004

Card 3/4

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

ENCLOSURE: 01

ACCESSION NR: AP4035824

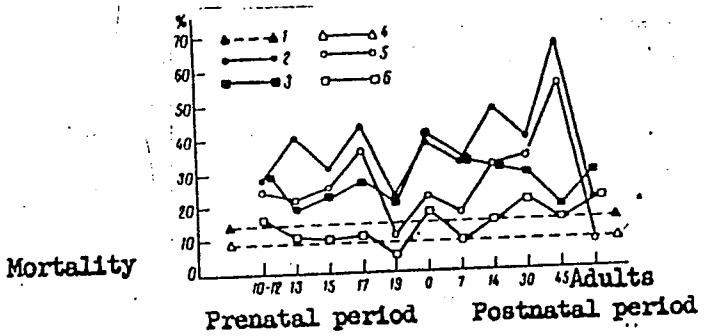

Fig. 2. Mortality of rat embryos (F_1) after the effect of x-rays on the gamete of females and males (P) at various ontogenetic periods. Dose 50 r. 1-3 - total mortality (from ovulation count): 1 - ♀ controls, 2 - ♀ ; 3 - ♂ . 4-6 - post-implantation mortality: 4 - ♀ . controls; 5 - ♀ ; 6 - ♂

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APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHIDAYEV, Ye.A.

Cytochemical study of the proembryonic and early embryonic periods in the ontogenesis of mammals. TSitologiia 2 no.6:640-650 N-D '60. (MIRA 13:12)

1. Laboratoriya embriologii Instituta eksperimental'noy meditsiny Akademii meditsinskikh nauk SSSR, Leningrad.
(EMBRYOLOGY—MAMMALS) (RODENTIA)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHIDAYEV, Ye.A.

Effect of X irradiation of rats before pregnancy on subsequent embryogenesis. Radiobiologiia 1 no.3:429-436 '61. (MIRA 14:10)

1. Institut eksperimental'noy meditsiny AMN SSSR, Leningrad.
(X RAYS--PHYSIOLOGICAL EFFECT)
(EMBRYOLOGY--MAMMALS)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHIDAYEV, Ye.A.

Significance of ovarian hormones in embryonic radiation pathology of rats resulting from X irradiation of female gametes. Dokl. AN SSSR 137 no.2:441-444 Mr '61. (MIRA 14:2)

1. Institut eksperimental'noy meditsiny AMN SSSR. Predstavleno akademikom N.N.Anichkovym.

(X RAYS--PHYSIOLOGICAL EFFECT) (OVARIES)
(EMBRYOLOGY)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHIDAYEV, Ye.A.

Comparison of radiation lesions in male and female gametes in the pathogenesis of embryopathies in rats. Arkh. anat., gist. i embr. 42 no.4:73-76 Ap '62. (MIRA 15:6)

1. Laboratoriya embriologii (zav. - chlen-korrespondent AMN SSSR prof. P.G. Svetlov) Leningradskogo instituta eksperimental'noy meditsiny AMN SSSR. Adres avtora: Leningrad, P-22, Kirovskiy prospekt 69/71 Institut eksperimental'noy meditsiny AMN SSSR, laboratoriya embriologii.

(OVUM) (SPERMATOZOA) (EMBRYOLOGY)
(X RAYS--PHYSIOLOGICAL EFFECT)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHIDAYEV, Ye.A.

Cytoplasmic differentiation of an oocyte in the period of oogenesis in rats. TSitologiia no.1:75-78 Ja-F'63. (MIRA 16:6)

1. Laboratoriya embriologii Instituta eksperimental'noy meditsiny AMN SSSR, Leningrad.
(RATS) (OOGENESIS) (PROTOPLASM)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHIDAYEV, Yevgeniy Aleksandrovich; YUKHNOVSKAYA, S.I., red.

[Development of the fetus] Razvitie zarodysha. Moskva, Meditsina, 1965. 64 p. (MIRA 18:7)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHIDAYEV, Ye.A.

Cytological changes in rat oocytes and embryos at an early stage of development following X-irradiation of female and male gametes. Arkh. anat., gist. i embr. 47 no.7:61-69 Jl '64.

1. Laboratoriya embriologii (zav. - chlen-korrespondent AMN SSSR prof. P.G. Svetlov) Instituta eksperimental'noy meditsiny AMN SSSR, Leningrad. Submitted July 5, 1962.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POGHIBAYEV, Ye.A.

Correlation of sexes in the offspring of rats (female and male irradiated during various periods of their ontogeny. Biul. eksp. biol. i med. 60 no.11:92-95 N '65. (MIRA 19:1)

1. Otdel embriologii (zav. - chlen-korrespondent AMN SSSR prof. P.G. Svetlov) Instituta eksperimental'noy meditsiny AMN SSSR. Submitted March 20, 1964.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHIDAYEV, Ye.A.

Morphogenetic processes during cleavage of the rat ovum in relation to cytoplasmic differentiation of the oocyte during the period of oogenesis. Arkh. anat., gist. i embr. 44 no.4:26-35 Ap '63. (MIRA 17:6)

1. Laboratoriya embriologii (zav.-chlen korrespondent AMN SSSR prof. P.G. Svetlov) Instituta eksperimental'noy meditsiny AMN SSSR, Leningrad. Adres avtora: Leningrad P-22, Kirovskiy prosp. 69/71, Institut eksperimental'noy meditsiny AMN SSSR, Labotoriya embriologii.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHIDAYEV, Ye. A.

Mortality in rat embryos (F_1) following the irradiation of parental gametes (P) with small doses of X rays at various periods of their ontogeny. Dokl. AN SSSR 156 no. 1:194-197 My '64. (MIRA 17:5)

1. Institut eksperimental'noy meditsiny AMN SSSR. Predstavleno akademikom N. N. Anichkovym.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHIDAYEV, Ye.A.

Radiosensitivity of female gametes in ante- and postnatal periods in rats. Dokl. AN SSSR 157 no.3:684-687 Jl '64. (MIRA 17:7)

1. Institut eksperimental'noy meditsiny AMN SSSR. Predstavleno akademikom N.N. Anichkovym.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

L 11459-65 EWG(j)/EWT(m) AMD

ACCESSION NR: AP4042799 S/0020/64/157/003/0684/0687

AUTHOR: Pozhidayev, Ye. A.

TITLE: Radiosensitivity of female gamete in ante- and postnatal periods of rats

SOURCE: AN SSSR. Doklady*, v. 157, no. 3, 1964, 684-687

TOPIC TAGS: radiosensitivity, female gamete, antenatal period, postnatal period, rat gamete, embryogenetic inhibition, radiation induced embryogenetic inhibition, corpus luteum, live embryo, dead embryo, follicular cell, oocyte, ovary, mytotic propagation, miotic change, partition stage, ovary histological examination

ABSTRACT: This represents a continuation of earlier tests. The degree of embryogenetic inhibition was determined in white Vistar rats after a single total irradiation applied antenatally between the 10-19th day after fertilization or the 7-90th postnatal day. The right ovary was removed for histological examination; the count, done on the 17-19th day of the first pregnancy, comprised the number of corpus luteum bodies in the ovaries, the live, dead and resorbed embryos. Summary data of results obtained at various seasons are tabulated. Radiosensitivity in the antenatal period increased between the 10-17th day, was least pronounced on the

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L 11459-65
ACCESSION NR: AP4042799

19th. Newborn rats showed increasing sensitivity up to the 14th day which then declined; after 4 weeks no difference from controls was noticed. The number of oocytes in females irradiated on the 13-15th and 17th day was 1/4 that of controls. The newborn irradiated between the 7-14th day showed to 1/9 the number of oocytes. These ovaries also contained a large number of tiny, single-layered follicles without oocytes. Follicular cells thus seem less radiosensitive. The higher the percentual mortality of embryos, the lower was the number of oocytes in the ovaries. Radiosensitivity of female gamete thus increases gradually from the 12-15th (mytotic propagation of the oogonium) to reach its maximum on the 17th embryogenetic day (start of pre-miotic changes). Further correlation of radiosensitivity with particular ontogenetic stages is presented. Radiosensitivity of mature oocytes depends upon the partition stage and increases with decrease of the interval between irradiation and expected ovulation. Numerical data on survival of oocytes are thus insufficient, since a large number of surviving oocytes are inferior. Orig. art. has: 2 tables and 1 figure.

ASSOCIATION: Institut eksperimental'noy meditsiny* Akademii meditsinskikh nauk SSSR (Institute of Experimental Medicine, Academy of Medical Sciences, SSSR)

Card 2/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

L 11459-65

ACCESSION NR: AP4042799

SUBMITTED: 29Feb64 ENCL: 00

SUB CODE: LS NO REF SOV: 001 OTHER: 015

Card 3/3

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHIDAYEV, Ye.D.; GORBACHEV, S.V.

Effect of the oxido-reduction potential on the course of reactions in solution. Part 4. Zhur.fiz.khim. 39 no.7:1678-1684 Jl '65. (MIRA 18:8)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D.I. Mendeleyeva.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHIDAYEV, Ye.D.; GORBACHEV, S.V.

Method of directional oxidation of organic compounds. Zhur. prikl.khim. 38 no.11:2529-2533 N '65. (MIRA 18:12)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D.I. Mendeleyeva. Submitted November 28, 1963.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHIDAYEV, Ye.D.; GORBACHEV, S.V. (Moscow)

Effect of the redox potential on the direction of reactions in solution. Part 3: Products of the oxidation of tartaric acid at various redox potentials. Zhur. fiz. khim. 38 no.12:2938-2941 D '64. (MIRA 18:2)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D.I. Mendeleyeva.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHIDAYEV, Ye.D.; GORBACHEV, S.V.

Effect of the redox potential on the course of reactions in solutions. Part 2. Zhur. fiz. khim. 36 no.11:2512-2516 N'62. (MIRA 17:5)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni Mendeleyeva.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

GORBACHEV, S.V.; POZHIDAYEV, Ye.D.

Effect of the redox potential on the direction of reactions in solutions. Part 1: Potentiometric investigation of tartaric acid stepped oxidation. Zhur.fiz.khim. 36 no.5:1094-1096 My '62. (MIRA 15:8)

1. Moskovskiy khimiko-tekhnologicheskiy institut imeni D.I.Mendeleyeva.
(Tartaric acid) (Oxidation-reduction reaction)
(Potentiometric analysis)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

KHAZANOV, I.S.; POZHIDAYEVA, E.I., red.

[Preventive and current sanitary control of the ventilation in industrial enterprises] Preduprediteľnyi i tekushchii sanitarnyi nadzor za ventiliatsiei na promyshlennykh predpriiatiiakh. Moskva, TSentr. in-t usovershenstvovaniia vrachei, 1964. 112 p. (MIRA 18:2)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

KURATOVA, T.S.; TERESHKEVICH, M.O.; GOL'TEUZEN, E.E.; POZHIDAYEVA, E.Yu.; SKARRE, O.K.

Oxygen atomic mobility in certain anions and mixed solvents. Sodium and potassium bromates. Zhur.fiz.khim. 39 no.10:2365-2369 O '65. (MIRA 18:12)

1. Dnepropetrovskiy gosudarstvennyy universitet. Submitted April 14, 1964.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

KOCHERGIN, V.P.; POZHIDAYEVA, G.A.; STARTSEVA, N.A.

Solution of iron in melts containing zinc sulfate, alkali metal halides and zinc halides. Izv. vys. ucheb. zav; khim. i khim. tekh. 3 no. 5:892-897 '60. (MIRA 13:12)

1. Ural'skiy gosudarstvennyy universitet imeni A.M.Gor'kogo. Kafedra neorganicheskoy khimii.
(Iron--Corrosion) (Zinc sulfate) (Alkali metal halides)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

S/153/60/003/005/009/016
B013/B058

AUTHORS: Kochergin, V. P., Pozhidayeva, G. A., Startseva, N. A.

TITLE: Dissolution of Iron in Melts Containing Zinc Sulfate and Halides of Alkali Metals and Zinc

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i khimicheskaya tekhnologiya, 1960, Vol. 3, No. 5, pp.892-897

TEXT: The rate of dissolution (corrosion) of iron in aqueous $ZnSO_4$ - $ZnCl_2$, $ZnSO_4$-LiCl, and $ZnSO_4$-KCl solutions, as well as in $ZnSO_4$-NaF-, $ZnSO_4$-NaCl-, $ZnSO_4$-NaBr-. and $ZnSO_4$-NaI melts, was studied here. It was the aim of the study to investigate the possibility of using sulfate halide melts for the heat treatment of steels, and to find possible bases for producing new salt melts which are less aggressive against iron and steels. Chemically pure $ZnSO_4 \cdot 7H_2O$, $LiCl \cdot H_2O$, KCl, NaCl, $ZnCl_2 \cdot 1.5H_2O$, NaI, NaBr, NaF were used for producing the melts mentioned. Melts with NaBr and NaI content were produced in carbon dioxide medium. Metal samples were prepared

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in the form of plates, and polished. The determination was made by the method described in Ref. 9. The rate of dissolution of iron in aqueous solutions was determined at 550°C (Fig. 1) and in melts at 500°C (Fig.2). It was established that the rate of dissolution decreases during the first 2-3 hours, and then remains constant. By adding $ZnCl_2$-LiCl-KCl to the $ZnSO_4$ melt, the dissolution of iron is slowed down much more than by adding NaF, NaCl, NaBr, NaI. In melts containing zinc- and alkali metal halides, an increased solubility of iron may be observed in the absence of zinc sulfate. When increasing the zinc sulfate content up to 45% (Fig. 3), accelerated dissolution of iron was first observed in sulfate halide melts, which slowed down, however, with a further increase of the zinc sulfate concentration. It can be clearly seen from the polytherms for the rate of dissolution (Fig. 3) of iron in sulfate halide melts that the dissolution process is influenced by the nature of these melts and the complex formation within them. A similar effect was observed at different temperatures of the melts (Fig. 4). It was established that the dissolution of iron in aqueous sulfate halide melts is accelerated at a temperature increase according to an exponential function. A lower solubility of iron

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Dissolution of Iron in Melts Containing Zinc Sulfate and Halides of Alkali Metals and Zinc

S/153/60/003/005/009/016
B013/B058

was established in melts from which the water was previously extracted in vacuo, as compared with aqueous melts. The rate of dissolution of iron is higher in $ZnSO_4$-NaF and $ZnSO_4$-NaI melts than in melts with zinc sulfate, sodium chloride, or sodium bromide. Passage of dry air through aqueous melts with zinc sulfate as well as zinc-, sodium-, and potassium chlorides contributes to the slowing down of the rate of dissolution of iron in these melts (Fig. 5). In order to prevent corrosion of metal products in molten electrolytes, it is, therefore, suitable to treat them with dry air at increased temperature or in high vacuum. Since the rate of dissolution of iron is only small in sulfate chloride melts with a zinc content of more than 70-80 mole%, these melts may be used as heat carriers (Ref. 16) or for the heat treatment of steels. I. F. Afonskiy, A. A. Kroshkin, I. Ya. Tutov, Ye. A. Smol'nikov, and N. P. Luzhnaya are mentioned. There are 5 figures and 16 references: 13 Soviet, 1 German, and 1 US.

ASSOCIATION: Ural'skiy gosudarstvennyy universitet im. A. M. Gor'kogo, Kafedra neorganicheskoy khimii (Ural State University imeni A. M. Gor'kiy, Department of Inorganic Chemistry)

Card 3/4

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Dissolution of Iron in Melts Containing Zinc Sulfate and Halides of Alkali Metals and Zinc

S/153/60/003/005/009/016
B013/B058

SUBMITTED: December 15, 1958

Card 4/4

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

MALAKHOVA, N.I.; LAVRINENKO, T.F.; POZHIDAYEVA, L.F.

Producing fiber semiprocessed materials with minimal loss of heat. Bum. i der. prom. no.2:39-42 Ap-Je '65. (MIRA 18:6)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

MALAKHOVA, N.I.; ZAGORUL'KO, A.A.; POZHIDAYEVA, L.F.

Effect of the cooking conditions of reed semichemical pulp on its quality. Bum.i der.prom. no.4:25-28 O-D '62. (MIRA 15:12)
(Woodpulp)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

BARABASHOV, Nikolay Petrovich; POZHIDAYEVA, M., red.; YELAGIN, A., tekhn. red.

Mars. Moskva, Izd-vo "Sovetskaia Rossiia," 1963. 63 p. (MIRA 17:3)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

RUSIN, Nikolay Petrovich, doktor geogr. nauk; FLIT, Liya Abramovna, zhurnalist; POZHIDAYEVA, M., red.; MARAKASOVA, L.P., tekhn. red.

[Man changes the climate]Chelovek meniaet klimat. Moskva, Sovetskaia Rossiia, 1962. 128 p. (MIRA 16:3)
(Climatology)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

TKACH, Ivan Kondrat'yevich,; POZHIDAYEVA, M.,red.; YUSFINA, N., tekhn. red.

[Soviet Bashkiria] Sovetskaia Bashkiriia. Moskva, Izd-vo "Sovetskaia Rossiia," 1958. 53 p. (MIRA 11:12)

1. Direktor pavil'ona Bashkirskoy ASSR (for Tkach).
(Bashkiria--Agriculture)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

REBROV, Mikhail Fedorovich; KHOZIN, Grigoriy Sergeyevich;
POZHIDAYEVA, M.G., red.

[The Moon is waiting for us] Nas zhdet Luna. Moskva,
Sovetskaia Rossiia, 1964. 179 p. (MIRA 17:9)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

AZERNIKOV, Valentin Zakharovich; POZHIDAYEVA, M.G., red.

[The search is going on] Poisk v puti. Moskva, Sovetskaia Rossiia, 1965. 73 p. (MIRA 18:9)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

NIKOLAYEV, Yuriy Grigor'yevich; SINEDUBSKIY, Vladimir Sofronovich; POZHIDAYEVA, M.G., red.

[Twenty steps into tomorrow] Dvadtsat' stupenek v zavtra. Moskva, Sovetskaia Rossiia, 1964. 278 p. (MIRA 17:5)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

RYDNIK, Vitaliy Isaakovich; POZHIDAYEVA, M.G., red.

[What is quantum mechanics] Chto takoe kvantovaia mekhanika. Moskva, Sovetskaia Rossiia, 1963. 218 p. (MIRA 17:5)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

EMME, Andrey Makarovich; POZHIDAYEVA, M.G., red.; YELAGIN, A.S., tekhn. red.

[The clock of living nature] Chasy zhivoi prirody. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 149 p. (MIRA 16:10)
(BIOLOGY—PERIODICITY)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

NOVOSEL'TSEV, Yuriy Aleksandrovich, inzh.-transportnik; POZHIDAYEVA, M.G., red.; ROZEN, E.A., tekhn. red.

[Highways of the future]Magistrali griadushchego. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 180 p. (MIRA 15:10)
(Transportation)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

BORISOV, V.; GORLOV, O.; POZHIDAYEVA, M.G., red.; ARZUMANOVA, N.A., red.; KLYUCHEVA, T.D., tekhn. red.

[Life and outer space] Zhizn' i kosmos. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 195 p. (MIRA 15:2)
(Space science)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

LYAPUNOV, Boris Valerianovich; ZENKEVICH, L.A., red.; POZHIDAYEVA, M.G., red.; MARAKASOVA, L.P., tekhn. red.

[Ahead of us lies the ocean] Vperedi - okean! Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 177 p. (MIRA 15:3)

1. Predsedatel' okeanograficheskoy komissii Akademii nauk SSSR, chlen-korrespondent Akademii nauk SSSR (for Zenkovich).
(Ocean)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

PETROV, Ye.; POZHIDAYEVA, N.G., red ; MARAKASOVA, L.P., tekhn. red.

[Astronauts notes of a group leader] Kosmonavty; zapiski rukovoditelia gruppy. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 127 p. (MIRA 15:7)
(Astronauts) (Gagarin, IUrii Alekseevich, 1934-)
(Titov, German Stepanovich, 1935-)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

VLADZIYEVSKIY, Aleksandr Pavlovich; MAKSIMOV, Leonid Yur'yevich; POZHIDAYEVA, M.G., red.; ROZEN, E.A., tekhn.red.

[Accomplished by the intelligence of men and the power of machines] Razumom cheloveka, energiei mashiny. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 71 p. (MIRA 14:4)

(Technological innovations)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

KANDEL', E.I., kand.med.nauk, nauchnyy red.; POZHIDAYEVA, M.G., red.; MARAKASOVA, L.P., tekhn.red.

[Struggle for life; collection of articles] Bor'ba za zhizn'; sbornik statei. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 253 p. (MIRA 14:4)

(MEDICINE)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

TSITSIN, Nikolay Vasil'yevich, akademik; GORYUNOV, D.V., nauchnyy red.; POZHIDAYEVA, M.G., red.; ROZEN, E.A., khudozh.i tekhn.red.

[The big ear of grain] Bol'shoi kolos. Izd-vo "Sovetskaia Rossiia," 1960. 30 p. (MIRA 14:3)
(Grain breeding)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

GAILLINA, Ye.Sh.; POZHIDAYEVA, T.N.

Silver tellurites and their thermodynamic characteristics.
Zhur. prikl. khim. 38 no.10:2210-2216 O '65. (MIRA 18:12)

1. Submitted Sept. 19, 1963.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

DINERSHTEYN, L.I.; POZHIDAYEVA, Ye.V.

Results of the analysis of disease incidence in workers of firebrick factories. Trudy Vor. med. inst. 47:102-103 '62 (MIRA 16:12)

1. Voronezhskaya oblastnaya sanitarno-epidemiologicheskaya stantsiya.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

Country : USSR
Category : Microbiology-Microbes Pathogenic for Man and Animals

Abs. Jour : Ref Zhur - Biol., No.19, 1958, 86049

Author : Pozhidayeva-Sinitsyna, L.A.
Institut. : Odessa Scientific Research Institute of Epidemiology*
Title : Materials on the Epidemiology of Scarlet Fever in Odessa during 1946-1955. Reports 1,2, and 3. Analysis of Morbidity. Epidemiologic Characterization of**
Orig Pub. : Tr. Odesk. N.-I. In-ta Epidemiol. i Mikrobiol., 1957, Vol.3, 53-69, 71-81
Abstract : no abstract

* and Microbiology

** Scarlet Fever Foci during the period 1954-1955 on a Continuous Graph. Immunologic Characterization of Scarlet Fever Foci on a Continuous Graph (1954-1955).

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POZHIDAYEVA-SHNITSYNA, L. A., Candidate Med Sci (diss) -- "The epidemiological and immunological characteristics of a scarlatina focus in dynamic operation". Odessa, 1959. 13 pp (Odessa State Med Inst im N. I. Pirogov), 200 copies (KL, No 23, 1959, 173)

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PROCESSES AND PROPERTIES INDEX

Catalytic splitting of casein. V. S. SADIKOV AND E. A. POZHILTZOVA. *Zhur Prikladnoi Khim.* 3, 805-904(1930); cf. *C. A.* 24, 4062.—By using H_2SO_4 in place of HCl or H_3PO_4 in a higher concn. and by increasing the time of heating in the autoclave as compared with the usual methods cyclopolypeptides are easily isolated. A cyclotripeptide (cyclo-prolylprolylleucine), $C_{11}H_{18}N_3O_3$, was obtained in this manner.
V. KALICHEVSKY

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CA

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PROCESSES AND PROPERTIES

Stabilizing and refining shale-tar gasoline by hydrogenation. A. D. Petrov, E. A. Pozhilitseva and D. N. Andreev. *Khim. Tverdogo Topliva* 4, 450-60(1933).—The treatment with H was carried out in the presence of CuO, MoO_3 and MoS_2 and mixts. of them, at a cold H pressure of 50-70 atm. during 1-2 hrs. It was possible to improve considerably the gum-forming tendency of the gasoline. Bibliography. A. A. Boehtlingk

COMMON ELEMENTS

OPEN

MATERIALS INDEX

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PROCESSES AND PROPERTIES INDEX

CO

Hydrogenation of pitch and heavy distillates from primary brown coal tars to Diesel fuel. A. D. Petrov and E. A. Pochiltsova. *Khim. Tverdogo Topliva* 5, 273-80 (1934); *Foreign Petroleum Tech.* 2, 277-82, 317-24(1934).—Pitches from primary and producer tars are very complex and contain little-known complexes of higher unsatd. and paraffinic hydrocarbons, various compds. contg. O, N and S and finally polycyclic aromatic compds. An almost complete elimination of the undesirable compds. is obtained by low-temp., prolonged hydrogenation. The hydrogenation in the presence of MoS_2 or Na catalysts at 320-330° was of the character of a highly destructive hydrogenation, and was accompanied by the formation not only of medium and heavy distillates (Diesel fuel) but also of gasoline (up to 10%), coke and cracked gases. The liquid products of hydrogenation consisted of aromatic and hydroaromatic hydrocarbons, since under the adopted hydrogenation conditions the formation of naphthenes was quite insignificant. MoS_2 was a better catalyst than Na, although the latter should be considered because of its cheapness. The low-temp. hydrogenation is not adapted for the elimination of aromatic hydrocarbons, and therefore it is advisable to remove them by polymerization with olefins in the presence of $AlCl_3$. The expts. are described and results are tabulated. A. A. Boehtlingk

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ca

Pyridine bases of sapropel tar. V. A. Lanin and K. A. Pozhil'tsova. *J. Applied Chem.* (U. S. S. R.) 16, 388-93 (1943).—The authors investigated the bases obtained from tar from sapropel of Kurasino lake region (Luga region, U. S. S. R.). Primary and secondary amines are absent. The following compds. were sepd. and identified: 3-methylpyridine, 3-ethylpyridine, 2-butylpyridine, 2,4-dimethylpyridine, 2,6-dimethylpyridine, 2,4-diethylpyridine, 2-methyl-6-ethylpyridine, 2-methyl-4-ethylpyridine, 4-methyl-3-ethylpyridine, 2-dimethyl-5-ethylpyridine and 2,4,6-trimethylpyridine. G. M. K

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

PROCESSES AND PROPERTIES INDEX

Reduction of nitriles of dibasic acids over Raney nickel. [illegible] *Bull. acad. sci. U.R.S.S., Classe sci. chim.* 1946, 65-70 (in Russian).—The dinitriles of adipic, sebacic, and succinic acids are readily reduced over Raney Ni at 75-80° to the corresponding amino nitriles under 0.5-0.8 atm. H; adiponitrile is reduced to $(CH_2)_4(NH_2)_2$ at 100-10° and 80-100 atm. H. The catalyst was made from Al_2Ni alloy by treatment with boiling 25% NaOH, after decanting, a fresh batch of alkali was used and the mixt. heated 1 hr. at 90°; this was repeated 2-3 times and the catalyst was washed free of alkali by H_2O and abs. EtOH and was used immediately. Adiponitrile (10 g.), 150 g. BuOH, and 5 g. catalyst were treated with H (0.5-0.8 atm.) at 75-80° 10 hrs.; after filtration and removal of the BuOH *in vacuo*, the residue was dild. with H_2O and 0.5 g. unreacted dinitrile was removed. Treatment of the residue with BzCl resulted in isolation of 93% *Bz deriv.* of the resulting *ε-aminocapronitrile*, m. 92-3° (from 70% alc.); hydrolysis by HCl gave *ε-aminocaproic acid-HCl*, which gave the *free acid*, m. 200-2°; the same yield was obtained if the catalyst was added in portions during the course of reduction. Succinonitrile (8 g.), 150 cc. BuOH, and 4 g. catalyst similarly treated with H 19 hrs. at 75-80° gave the *Bz deriv.* of *γ-aminobutyronitrile* (no data given, but a general statement indicated a yield of 90%), as an oil, which on hydrolysis by HCl gave *γ-aminobutyric acid*, m. 181-2°; *HCl salt*, m. 134-5°; *chloroplatinate*, m. 218-20°. Sebaconitrile (10 g.), 150 g. BuOH, and 5 g. catalyst were hydrogenated as above for 26 hrs.; filtration, removal of the BuOH, and treatment of the residue with BzCl gave (yield not given) the *Bz deriv.* of *ε-aminocapric acid*, m. 103-5°, which on hydrolysis by HCl gave the *free acid*, m. 185-7°; *chloroplatinate*, m. 298-302° (decompn.). Adiponitrile (50 g.), 450 g. BuOH, and 17 g. catalyst heated 2 hrs. to 110° at 90 atm. initial H pressure (45 atm. final) gave 1.3 g. unreacted dinitrile, and 46 g. (85.7%) *hexamethylenediamine*, b. 200-4°; 3.5 g. of tar was formed. Increase of the temp. to 150° (14 hrs.) dropped the yield to 26.8%; halving of the catalyst amt. dropped the yield to 64%. The high-pressure runs were made in a rotating Bergius autoclave.

G. M. Kosolapoff

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

PozHil'tsova, E.A.

Cyanoethylation of some glycols and preparation of the corresponding amines from the nitriles. B. A. Porkil'tsova and B. A. Arbuzov. *Doklady Akad. Nauk S.S.S.R.* 91, 269–70(1953); cf. *C.A.* 42, 5848*h*.—Cyanoethylation of various glycols and amines with alk. catalysts gave the following dinitriles (b.p., d_4, and n_D^{20} shown): $O(CH_2CH_2CN)_2$, b_4 142–3°, 1.0037, 1.4400; $(CH_2OCH_2CH_2CN)_2$, b_4 102–3°, 1.0980, 1.4520; $(CH_2CH_2OCH_2CH_2CN)_2$, m. 40–1°; $NCCH_2CH_2OCH_2CH_2CH(OCH_2CH_2CN)Me$, b_3 168–71°, 1.0220, 1.4490; $MeCH(OCH_2CH_2CN)CH(OCH_2CH_2CN)Me$, m. 53–4°; $(CH_2OCH_2CH_2OCH_2CH_2CN)_2$, b_4 205–10°, 1.0982, 1.4570; $[CH_2O(CH_2CH_2O)_2OCH_2CH_2CN]_2$, b_4 215–25°, 1.0975, 1.4607; $PrN(CH_2CH_2CN)_2$, b_4 84–7°, 0.8772, 1.4550; $NCCH_2CH_2NHPr$, b_3 74–6°, 0.8830, 1.4390; $PhN(CH_2CH_2CN)_2$, b_4 165–7°, 0.9214, 1.4503; $PhNHCH_2CH_2CN$, b_4 151–7°, 0.9480, 1.4480. These were hydrogenated over Raney Ni at 100–20 atm. H to the diamines: $O(CH_2CH_2CH_2NH_2)_2$, b_4 22–4°, 0.9819, 1.4600 (*di-Bz deriv.*, m. 108–10°); $(CH_2OCH_2CH_2CH_2NH_2)_2$, b_4 99–108°, 0.9904, 1.4670 (*di-Bz deriv.*, m. 23–7°); $(CH_2CH_2OCH_2CH_2CH_2NH_2)_2$, b_4 125–30°, 0.9324, 1.4630 (*di-Bz deriv.*, m. 41–2°); $MeCH(OCH_2CH_2CH_2NH_2)_2$, b_4 118–25°, 0.9618, 1.4622 (*di-Bz deriv.*, m. 37.5–8.0°); $(CHMeOCH_2CH_2CH_2NH_2)_2$, b_4 125–50°, 0.9380, 1.4560 (*di-Bz deriv.*, m. 39.5–40.5°); $O(CH_2CH_2OCH_2CH_2CH_2NH_2)_2$, b_4 108–15°, 1.0110, 1.4669 (*di-Bz deriv.*, m. 36.6–7.5°); $H_2NCH_2CH_2CH_2OCH_2CH_2OCH_2CH_2OCH_2CH_2CH_2NH_2$, b_4 145–55°, 1.0785, 1.4610 (*di-Bz deriv.*, m. 37.5–8.0°); $PrN(CH_2CH_2CH_2NH_2)_2$, b_3 77–8°, 0.8617, 1.4480; $PrNH(CH_2CH_2CH_2NH_2)$, b_4 55–60°, 0.8437, 1.4450; $PhN(CH_2CH_2CH_2NH_2)_2$, b_4 75–80°, 0.9007, 1.4685; $PhNHCH_2CH_2CH_2NH_2$, b_4 67–9°, 0.9106, 1.4655.

G. M. Kosolapoff

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHILYKH, N.; GORBANEV, V.

Designer Nikolai Vorob'yev. Mashinostroitel' no.2:5-6 F '64.
(MIRA 17:3)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHITKOVA E. I.

USSR

A rapid method for the determination of α-cellulose. E. I. Pozhitkova and I. A. Nagrodskii. *Bumark. Prom.* 30, No. 4, 12-13 (1955).—The test pulp is air-dried, and approx. 0.3 g. mercerized 0.5 hr. at 20° in 10 cc. 17.5% NaOH, washed with 9.5% NaOH, and the α-cellulose (I) sepd. and detd. by oxidation with 0.1N $K_2Cr_2O_7$ in H_2SO_4 followed by back titration with $(NH_4)_2Fe(SO_4)_2$ (Ph_2NH in H_3PO_4 used as indicator). The hemicelluloses (β cellulose plus I) are similarly detd. in the filtrate from the I detn., and the percentage of I is calcd. The total time of an analysis is 1 hr., and duplicate tests agree within 0.6% I. A detailed procedure is given.

John Lake Keays

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

BUKATY, B.B., inzh.; DENISOV, N.I., inzh.; NAGRODSKIY, I.A., kand. tekhn.nauk; POZHITKOVA, Ye.I., nauchnyy sotrudnik; NAUMOVA, Z.I., nauchnyy sotrudnik

Preparation of viscose pulp of low ash content. Bum. prom. 34 no.11: 13-14 N '59. (MIRA 13:3)

1.Priozerskiy tsellyuloznyy zavod (Bukaty, Denisov). 2. TSentral'nyy nauchno-issledovatel'skiy institut tsellyuloznoy i bumazhnoy promyshlennosti (for Nagordskiy, Pozhitkova, Naumova).
(Priozersk--Woodpulp)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHITOK, P.I. (Minsk)

Technology of the treatment of fabrics containing 50 to 55 per cent lavsan fibers. Shvein. prom. no.3:35 My-Je '64. (MIRA 17:9)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

TEUCHMANN, Jan; POZNIAK, Zbigniew

Effect of physical and pharmacological hibernation on the behavior of animals in high temperatures.. Acta physiol. polon. 11 no. 2: 305-316 Mr-Ap '60.

1. Z Zakladu Farmakologii A..M. w Gdansku; z Zakaladu Fizjologii i Higieny Centralnego Instytutu Ochrony Pracy w Warszawie, Kierownik: prof. dr J. Teuchmann.

(HIBERNATION)
(HIBERNATION ARTIFICIAL)
(HEAT)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZNANIN, L.P., red.

[Ways and methods of using birds to fight harmful insects; proceedings of the conferences held November 25-28, 1953 and December 21-23, 1954] Puti i metody ispol'zovaniia ptits v bor'be s vrednymi nasekomymi; trudy soveshchanii 25-28 noiabria 1953 g. i 21-23 dekabria 1954 g. Moskva, Izd-vo M-va sel'khoz. SSSR, 1956. 171 p. (MIRA 13:7)
(Birds, Injurious and beneficial)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHITKOV, V.I., inzh.

Transportation of oversized equipment by water. Mont.i spets. rab.v stroi. 24 no.11:16-20 N '62. (MIRA 15:12)

1. Trest Soyuzprombummontazh.
(Machinery—Transportation) (Shipping)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHITKOVA, S.A.

PLYUSHCHEV, V.Ye.; SHAKHNO, I.V.; POZHITKOVA, S.A.

Investigation of the interaction of fused alkali metal and alkaline earth chlorides. Part 2. The ternary sytem: sodium chloride - cesium chloride - calcium chloride. Zhur.ob.khim.25 no.6:1072-1075 Je'55. (MLRA 8:12)

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii
(Alkaline earth chlorides) (Alkali metal chlorides)
(Systems (Chemistry))

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHITKOVA, Ye. I.

NAGORODSKIY, I.A.; POZHITKOVA, Ye.I.

Producing viscose with reduced solubility in a 5 solution of NaOH. Bum. prom. 33 no.2:2-3 F '58. (MIRA 11:3)

1. TSentral'nyy nauchno-issledovatel'skiy institut tsellyuloznoy i bumazhnoy promyshlennosti.
(Viscose)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHITKOVA, Ye. I.; NAGRODSKIY, I.A.

Rapid method for determining the contents of alpha-cellulose.
Bum.prom. 30 no.4:12-13 Ap '55. (MIRA 8:6)

1. Tsentral'nyy nauchno-issledovatel'skiy institut bumagi.
(Cellulose)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

STRAMKOVSKAYA, K.K.; POZHITNAYA, A.S.

Study of ore of the Rozhdestvenka deposits of Tomsk Province as hydrogen sulfide absorber. Izv.TPI 111:110-114 '61.(MIRA 16:9)

1. Predstavleno professorom doktorom I.V.Gellerom.
(Tomsk Province--Ore deposits) (Hydrogen sulfide)
(Absorbents)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHITNOY, Ye.Ye.; ROSKIN, G.I.

Introduction of new methods and advanced technology in prospecting operations in the Irkutsk Geological Administration. Razved.i okh. nedr 29 no.1:39-43 Ja '63. (MIRA 16:2)

1. Irkutskoye geologicheskoye upravleniye.
(Irkutsk region—Prospecting)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHITOK, P.I. (Minsk)

Manufacture of men's suits from fabrics with lavsan content.
Shvein.prom. no.5:33-34 S-O '62. (MIRA 15:10)
(Tailoring) (Textile fibers, Synthetic)

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHIVALOVA, N.S.

Some special characteristics of determining the economic efficiency of the new type of equipment. Sakh.prom. 37 no.6:58-59 Je '63. (MIRA 16:5)
(Sugar industry--Equipment and supplies)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZHKOV IV.

Distr: 4E4j/4E3d

2786. LIQUID PHASE OXIDATION OF HYDROCARBONS IN THE PRESENCE OF [illegible] OF THE PROCESS. Shisonaev, G.S. and [illegible] 387-394).

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

NIKOL'SKIY, Grigoriy Grigor'yevich, kand.tekhn.nauk; POZHNIN, Aleksandr Panfilovich, inzh.; IVANOV-SKOBLIKOV, P.V., inzh., red.; KUBNEVA, M.M., tekhn.red.

[Vermiculite and its use in construction] Vermikulit i ego primenenie v stroitel'stve. Leningrad, 1959. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', vyp.13). (MIRA 13:4)
(Vermiculite)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

S/081/61/000/022/045/076
B101/B147

AUTHORS: Nikol'skiy, G. G., Pozhmin, A. P.

TITLE: Testing of vermiculite, technology and use of vermiculite-base concrete products

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 22, 1961, 312 - 313 abstract 22K326 (Sb. "Stroit. materialy", L., 1961, 35 - 37)

TEXT: A method was devised for testing vermiculite of new deposits for its utilizability for producing sound-absorbing and heat-insulating materials. It was found possible to produce heat-insulating pieces without addition of asbestos which is an expensive and rare material. Heat-insulating vermiculite-base materials containing no asbestos can be produced from a charge to which foam is added for better workability. Only 75 - 150% water are added to the charge. In this case, the workability of the mixture is higher than with an addition of 15 - 20% of asbestos. The products are formed at 0.1 kg/cm^2 and then dried according to the binder used. Subsequently they were treated in the autoclave or fired. The quality of these products does not lag behind that of asbestos-containing products and their

Card 1/2

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

Testing of vermiculite... S/081/61/000/022/048/076
B101/B147

production costs are lower. The weight by volume is 250 - 300 kg/m^3; R_{bend} is 1.5 - 2.5 kg/cm^2. [Abstracter's note: Complete translation.]

Card 2/2

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZNOGINA, F.M.

Fish, Smoked - Latvia

Practice in smoking herring in enterprises of the Latvian fishing industry. Ryb. khoz. 28 no. 8, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

LEVIYEVA, L.S.; KAND, M.E.; MAKAROVA, A.P.; POZHOGINA, P.M.

Technological and chemical characteristics of some fishery products. Trudy VNIRO 35:192-204 '58. (MIRA 11:11)
(Fishery products--Chemical composition)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

3960 Detection of fluorine with ferric thiocyanate [illegible] 1956 146 23,489 [illegible] tion of [illegible] the decomposition of [illegible] [illegible] not [illegible] [illegible] NO_3^-, NO_2^-, [illegible] SO_3^{2-}, $S_2O_3^{2-}$, [illegible] AsO_4^{3-}, AsO_3^{3-}, AsO_4^{2-}, CO_3^{2-}, BO_3^{3-}, SiO_3^{2-}, $[Fe(CN)_6]^{4-}$, $[Fe(CN)_6]^{3-}$, PO_4^{3-}, PO_3^-, PO_4^{3-}, $P_2O_7^{4-}$, MnO_4^-, CrO_4^{2-}, $Cr_2O_7^{2-}$, CH_3COO^-, $C_2O_4^{2-}$, $HCOO^-$, and anions of the oxy acids of the aliphatic series.

C. D. Kurkin

Rm

MT

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

Pozigun, A I.

C

USSR/Inorganic Chemistry. Complex Compounds.

Abs Jour : Ref Zhur - Khimiya, No. 8, 1957, 26463.

Author : Pozigun, A.I.
Inst : Odessa University.
Title : Hexahalides of Mercury. III. Hexabromomercuroate of Silver.

Orig Pub : Tr. Odessk. un-ta, 1956, 146, Ser. khim. n., No. 5, 111 - 114.

Abstract : Ag_4HgBr_6 (I) was prepared by melting $HgBr_2$ either with AgBr, or with the mixtures $AgNO_3$ + KBr or $AgNO_3$ + NH_4Hr, as well as by melting Ag_2HgBr_4 with AgBr or with the mixture $AgNO_3$ + KBr. It was also prepared by a series of reactions in solutions, in particular by adding $HgBr_2$ solution to the solution of AgBr in 25% NH_3. I is a yellow amorphous

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USSR/Inorganic Chemistry. Complex Compounds. C

Abs Jour : Ref Zhur - Khimiya, No. 8, 1957, 26463.

substance, changing its color when heated; the melting point is 340°, the boiling point is 520°; sublimation of $HgBr_2$ is observed at about 240°. I is insoluble in C_6H_6, toluene, acetone, CS_2; it is poorly soluble in alcohol, ether, alkalis; it is noticeable soluble in water and acids; it is well soluble in solutions of NH_3 and halides of alkali metals. See RZhKhim, 1955, 39941 for reports I and II.

Card 2/2

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Poziomy, A. Z.

natural phosphate

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZIGUN, A.I.

Cadmium glycocholate. Nauch. ezhegod. Khim. fak. Od. un. no.2: 34-36 '61. (MIRA 17:8)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZIGUN, A.I.

Inorganic chemistry at the I.I. Mechnikov State University of Odessa. Ukr. khim. zhur. 31 no.9:993-995 '65. (MIRA 18:11)

1. Odesskiy gosudarstvennyy universitet imeni I.I. Mechnikova.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

POZIGUN, A.I.; GONCHAROVA, N.A.; BAKHMAT, V.F.

Refractometric study of complex formation in the system cadmium chloride - potassium bromide - water. Nauch. ezhegod. Khim. fak. Od. un. no.2:5-7 '61. (MIRA 17:8)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

GRINEVA, A.V.; NAZAROVA, I.N.; FILIPENKO, V.V.; POZIGUN, A.I.

Electroconductivity method used in investigating complex formation in the systems $CdCl_2$ - KCl - H_2O and $CdCl_2$ - KBr - H_2O. Nauch. ezhegod. Khim. fak. Od. un. no.2:7-12 '61. (MIRA 17:8)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3

DMITREVSKIY, G.Ye.; ALEKSANDROVA, [illegible]; POKIGUN, A.I.

Solubility in the ternary system $CdCl_2$ - KCl - H_2O. Nauch. ezhegod. Khim. fak. Od. un. no.2:12-15 '61. (MIRA 17:8)

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001342820008-3"