"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

L 25457-66 EWA(h)/EWT(1)

ACC NR: AP6011211 SOURCE CODE: UR/0413/66/000/006/0046/0046

41
B

INVENTOR: Potapov, Yu. V.

ORG: none

TITLE: A device for network control of the rectifiers in a distributor. Class 21, No. 179831

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 46

TOPIC TAGS: electronic rectifier, shift register, computer storage, magnetic amplifier, electronic circuit

ABSTRACT: This Author's Certificate introduces a device for network control of the rectifiers in a distributor. The unit contains an m-phase magnetic amplifier, an m-phase bridge rectifier and peak transformers. The device is designed for improved stability and operating reliability. The transformer primaries are star-connected and the output windings of the magnetic amplifiers are connected in a differential circuit through ballast resistors to the central nodes of the stars or to the control windings of the high-speed magamps with output windings connected in the rectifier excitation circuit.

UDC: 621.314.58.07

Card 1/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

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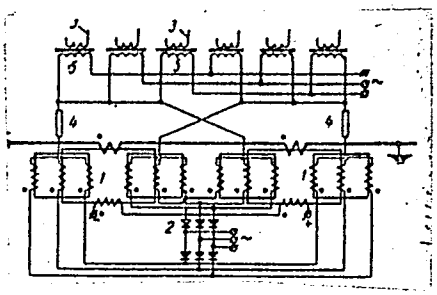
L 25457-66

ACC NR: AP6011211



1--magnetic amplifier; 2--bridge rectifier; 3--peak transformers; 4--ballast resistors; 5--transformer primaries

SUB CODE: 09/ SUBM DATE: 11Jan65/ ORIG REF: 000/ OTH REF: 000

Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

MICHURIN, Ye, slesar'-sborshchik; ALEKSANDROV, A. (g.Dnepropetrovsk); BELYAYEV, A.; KULISHENKO, V.; POTAPOVA, A.; SPIZHARSKIY, N.; NAZARENKO, P.; SAVEL'YEV, V. (g.Arkhangel'sk)

Letters to the editors. Sov.profsoiuzy 16 no.11:44-49 Je '60. (MIRA 13:6)

1. Moskovskiy zavod malolitrazhnykh avtomobiley (for Michurin). 2. Redaktor gazety "Za tempy" Kolomenskogo zavoda tekstil'nogo mashinostroyeniya (for Belyayev). 3. Starshiy instruktor Kiyevskogo oblastnogo soveta profsoyuzov (for Kulishenko). 4. Zaveduyushchiy uchebno-kursovoy bazoy Astrakhanskogo oblsovprofa (for Nazarenko).
(Labor and laboring classes)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

SHULYNDIN, A.F.; POTAPOVA, A.A. [Potapova, O.O.]

Nature of the susceptibility to brown rust in intervarietal wheat hybrids. Trudy Inst. gen. i sel. AN URSR 5:37-43 '58. (MIRA 11:9)
(Wheat--Disease and pest resistance) (Uredineae)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

26518
S/065/61/000/008/001/009
E030/E135

11.0100

AUTHORS: Maslyanskiy, G.N., Bursian, N.P., Kamusher, G.D., Potapova, A.A., Garanin, I.L., and Chernikov, N.V.

TITLE: Some technological points in catalytic reforming.

PERIODICAL: Khimiya i tekhnologiya topliv i masel, 1961, No.8, pp. 1-8

TEXT: Some very important principles in reforming have been established at a pilot plant specially constructed by Lengiprogaz on the basis of data supplied by VNIIneftekhim, and operated over six years. Since the reforming process is highly endothermic, laboratory conditions, which are approximately isothermal, cannot adequately simulate the adiabatic plant-scale conditions. The pilot plant is conventional, with three successive identical reactors, 160 mm diameter and 3100 mm high. Feed can enter at 20 to 50 atmospheres, and the reactors are maintained at 500-525°C. The first three experiments, lasting six months each, used Eastern crudes with about 25% naphthenes and no catalyst regeneration; the fourth used Il'skiy crude, with about 40-50% naphthenes and oxidative regeneration. In the first experiments, the reactor

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26518
S/065/61/000/008/001/009
E030/E135

Some technological points in ...

temperature was slowly increased to compensate for the decreasing catalyst activity (Pt catalyst). The Eastern crudes with 0.15% sulphur feed gave benzine with 72 ON (Motor method) but the fourth experiment, with hydrofined material, gave 78 ON. Adiabatically controlled experiments established the activation energies as around 75 kcal/kg. As the asphaltene content rose, the heating effect also rose sharply; it also rose as the sulphur content fell and destructive hydrogenation increased. The temperature drops in the reactors indicated that, for the Eastern crudes, the reaction of aromatization was virtually completed in the second reactor, but this disagreed with the product analysis from the reactors which gave the production of aromatics from stage to stage as about 50, 35 and 15%. Clearly, reaction continued in the last stage, but heat absorption was masked by the increasing exothermic hydrocracking in the third reactor. In the last series of experiments the temperature was probed through each catalyst bed. It was seen that with fresh catalyst and Eastern crudes with 0.15% sulphur, only about 50% of the first stage showed temperature gradients, and the whole of the second stage showed a gradual temperature gradient; one might therefore wish to reduce the charge

Card 2/3

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

AUTHOR: Potapova, A. A. SOV/79-29-2-14/71

TITLE: Investigation of the Dehydrogenation Reaction of Cyclohexane (Izucheniye reaktsii degidrirovaniya tsiklogeksana)

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 2, pp 421-428 (USSR)

ABSTRACT: The author showed that the method of diluting the catalyst by the aid of an inert diluting agent may be employed to maintain the isothermal conditions of the dehydrogenation process of cyclohexane. Metallic aluminum was chosen for this purpose. The constant reaction temperature corresponded to the one to be fixed. In the investigation of this process a role was played by the problem of the influence exerted by hydrodynamic behavior on the reaction rate. With the process taking place under real conditions, the physical factors exert a great influence upon the fundamental chemical reaction. The problems of macrokinetics (hydrodynamics of flows, diffusion, heat transfer, etc) were almost left unmentioned in publications with respect to the case under review. Still, these are problems from which certain explanations may be derived, and the author dealt with them more closely. More details in this regard are contained in the experimental part, including a description of the apparatus used. In

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SOV/79-29-2-14/71

Investigation of the Dehydrogenation Reaction of Cyclohexane

conclusion, conditions were found that allow the dehydrogenation reaction of cyclohexane to be carried out by the aid of an alumoplatinum catalyst under isothermal conditions and in an "extrakinetic" field. The practical boundaries of the outer diffusion zone were determined. The two figures depict the influence exerted by the dilution of the catalyst and by the hydrogenation gas flow of hydrogen upon the transformation depth of cyclohexane. There are 3 figures, 3 tables, and 8 references, 7 of which are Soviet.

ASSOCIATION: Leningradskiy nauchno-issledovatel'skiy institut po pererabotke nefti i polucheniyu iskusstvennogo topliva (Leningrad Scientific Research Institute for Petroleum Refining and the Production of Synthetic Fuels)

SUBMITTED: January 10, 1958

Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

MASLYANSKIY, G.N.; BURSIAN, N.R.; KAMUSHER, G.D.; BARKAN, S.A.; POTAPOVA, A.A.

Effect of the hydrocarbon and fractional composition of the raw material on the yield and quality of catalytically reformed gasolines. Khim. i tekh. topl. i masel 8 no.4:5-11 Ap '63. (MIRA 16:6)

(Gasoline) (Petroleum—Analysis)
(Cracking process)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

MASLYANSKIY, G.N.; POTAPOVA, A.A.; AVTONOMOVA, N.Kh.; SHMULYAKOVSKIY, Ya.E.

Synthesis of ethyl benzene by catalytic reforming of narrow gasoline fractions. Neftekhimiia 1 no.2:187-194 Mr-Ap '61. (MIRA 15:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh protsessov, g. Leningrad.
(Benzene)
(Gasoline)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

SHULYNDIN, A.F.; POTAPOVA, A.A. [Potapova, O.O.]; NEVZOROVA, K.A. [Nevzorova, K.O.]

Studying the size of epidermal cells and starch granules in intervarietal wheat hybrids (Tr. vulgare Tr. durum). Trudy Inst. gen. i sel. AN URSR 5:44-55 '58. (MIRA 11:9)
(Wheat breeding) (Starch) (Plants--Frost resistance)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

TRUSOVA, S.A., BOLOTINA, F.Ye., POTAPOVA, A.A.

Composition of water softened by cation exchange in vodka production. Spirt. prom. 21 no.4:17-18 '55. (MLRA 9:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut spirtovoy promyshlennosti.
(Water--Softening) (Vodka)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

Potapova, A.A.

SHULYNDIN, A.F.; POTAPOVA, A.A.

Formation of anatomical and morphological characteristics of interspecies hybrid wheat plants in connection with their winter hardiness. (MLRA 9:2)
Dokl. AN SSSR 104 no. 2:319-322 S '55.

1. Institut genetiki i selektsii Akademii nauk USSR. Predstavleno akademikom N.V.TSitsinym.
(Wheat)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

YAGODKA, P.N. (Moskva); NARODITSKAYA, V.F. (Moskva); POTAPOVA, A.A. (Moskva); SMOLINA, A.I. (Moskva)

Combined parenteral use of barbamil and caffeine at the present development stage of psychiatric therapy. Zhur. nevr. i psikh. 65 no.5:757-761 '65. (MIRA 18:5)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POTAPOVA, A. A.

USSR, Chemical Technology. Chemical Products and Their Application--Water treatment. Sewage water I-12

Abs Jour: Ref Zhur-Khimiya, No 3, 1957, 91[illegible]4

Author : Trusova, S. A., Bolotina, F. Ye., and Potapova, A.A.
Inst : Not given
Title : On the Composition of Water Softened by Cation Exchange for Utilization in Vodka Production

Orig Pub: Spirt. prom-st, 1955, No 4, 17-18

Abstract: Experimental data on the effect of the alkalinity of water on the permissible concentration of Ca^{2+} in alcohol-water solution of strength 40, 50, and 56% permit a rational selection of a treatment scheme to be applied to the water used in vodka production depending on the quality of the untreated water. For water of alkalinity < 5.0 and total hardness < 15 me/liter, the use of the Na cycle is recommended; for water of alkalinity > 5.0

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

TRUSOVA, S.A.; POTAPOVA, A.A.; EFEL'MAN, A.D.; FAYERSHTERN, Ya.D.

Filtration of fruit liqueur products. Trudy TSNIISP no.7:135-137 '59. (MIRA 13:9)

(Liqueurs) (Filters and filtration)

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1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

Catalytic conversion of cyclohexylacetylene. R. Ya. Levina and A. A. Potapova. *J. Gen. Chem.* (U. S. S. R.) 7, 353-6(1937); cf. *C. A.* 30, 6338⁸. —*Cyclohexylacetylene* (I) conducted once over platinized charcoal (25% Pt) at 200-5° in a weak CO_2 current at a rate of 3-4 drops a min. is completely transformed into a mixt. of 65% PhEt and 35% ethylcyclohexane (II). Freed from PhEt with 7% fuming H_2SO_4, washed, dried and redistd., II boiled 131.2°, d_4^{20} 0.785, n_D^{20} 1.434. The mechanism of the irreversible catalysis is explained by the isomerization of I into ethylcyclohexadiene, probably with the intermediate formation of vinylidenecyclohexane and vinylcyclohexene, which is then converted into PhEt and II (cf. *loc. cit.*). Cyclohexylethanol, bₐ 85.7°, d_4^{20} 0.9148, n_D^{20} 1.467, prepd. from $C_6H_{11}MgCl$, treated with P and I_2 by the Freundeler method (*Bull. soc. chim.* 35, 548(1906)) gave $C_6H_{11}CH_2CH_2I$, bₐ 97.8°, d_4^{20} 1.45, n_D^{20} 1.5235, M. R. 50.19 (calcd. 49.47). This on cleavage with HI gave 28% vinylcyclohexane, bₐ 130-2°, d_4^{20} 0.8134, n_D^{20} 1.4540, M. R. 36.45 (calcd. 36.47). This with Br_2 in the cold afforded $C_6H_{11}CHBrCH_2Br$ (III), bₐ 130-5°, and a low-boiling fraction contg. some $C_6H_{11}CBr{:}CH_2$ (IV). The addn. of III to powd. KOH at 150° resulted in crude I. The fraction, b. 133-40°, is added dropwise to powd. $NaNH_2$ in kerosene (b. 220-50°) and then digested in an oil bath at 160°. The reaction mixt. is treated with H_2O and HCl to an acid reaction. The kerosene layer is washed neutral with H_2O, dried with $CaCl_2$ and twice redistd., giving pure I, bₐ 130-2°, d_4^{20} 0.8401, n_D^{20} 1.4583, M. R. 35.09 (calcd. 34.94) (cf. Egorova, *C. A.* 6, 854).

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Catalytic conversion of γ-butenylcyclohexane (4-cyclohexyl-1-butene). R. Ya. Levina and M. I. Chernyak. *Ibid.* 402-4; cf. *C. A.* 29, 3314⁴. —*γ-Butenylcyclohexane* (I) passed over Pt-C at 210° as above gave 65% PhBu and 35% butylcyclohexane, bₐ 176.7°, d_4^{20} 0.7987, n_D^{20} 1.4426. The collective exptl. evidence shows that the reaction of irreversible catalysis proceeds independently of the distance of the double bond from the cycl. vinyl-, allyl- and butenyl-cyclohexanes react with equal ease and complete conversion into a mixt. of an aromatic and cyclohexane hydrocarbon with a corresponding satd. side chain. Hexahydrobenzyl alc., bₐ 81.2°, d_4^{20} 0.9297, n_D^{20} 1.466, obtained from $C_6H_{11}MgCl$ with CH_2O, treated with P and I_2 gave the iodide, bₐ 73.4°, d_4^{20} 1.5285, n_D^{20} 1.534. The Grignard mixt. of the iodide with Mg in Et_2O is treated with allyl chloride soln. After refluxing for 3 hrs. and the usual subsequent treatment, 25-30% I resulted. It b. 174.5-5°, d_4^{20} 0.8131, n_D^{20} 1.455, M. R. 45.42 (calcd. 45.67).

Chas. Blanc

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

RAKITIN, Yu.V.; POTAPOVA, A.D.

Penetration of herbicides into plants and their influence on the absorption of phosphorus. Fiziol. rast. 6 no.5:614-616 S-O '59. (MIRA 13:2)

1.K.A. Timiryazev Institute of Plant Physiology, U.S.S.R. Academy of Sciences, Moscow.
(Herbicides) (Phosphorus) (Plants--Assimilation)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

17(4),30(1)

AUTHORS: Rakitin, Yu. V., Potapova, A. D. SOV/20-126-6-62/67

TITLE: Effect of the Herbicides on the Respiration and Photosynthesis of Oats and Sunflower (Vliyaniye gerbitsidov na dykhaniye i fotosintez ovsa i podsolnechnika)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 6, pp 1371-1374 (USSR)

ABSTRACT: 2,4-D and some other chemicals increase respiration when applied in small doses, whereas they obstruct the same when applied in large doses (Refs 1-6). Carbamates decrease the intensity of respiration and photosynthesis. The isopropyl phenyl carbamate (IPhK) not only has the same effect, but also suppresses the activity of the carbon-anhydrase (Ref 9). A rapid decrease of the activity of the photosynthesis can be achieved by 2,4-D, β-naphthoxy, monoiodo- and parachloro phenoxy acetic acid, phenyl-urethan, and hydroxylamine (Refs 5, 11, 15). - In the present paper the authors report on test results obtained in the years 1952-1954 in field lots with sunflower Saratovskiy, oat Moskovskiy A-315, and weed Stellaria media. The following herbicides were used: aqueous solutions of 1) sodium salt of 2,4-D; 2) diethanolamine, triethanolamine,

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Effect of the Herbicides on the Respiration and Photosynthesis of Oats and Sunflower

SOV/20-126-6-62/67

and sodium salt of the hydrazide of maleic acid (MAH), as well as water emulsions of isopropyl-ester of chlorophenyl carbamic acid (chlorine IPhS). The plants were sprayed with 1,000 l of the solution per ha of crop. All physiological changes were studied in the leaves (Refs 12,13,16). Part of the results summarized in tables 1 and 2 make it evident that the redox processes in plants are strongly disturbed by the herbicides. The degree of the disturbances depends on the development stage of the plant and its biological peculiarities as well as on the quantity of the chemicals applied. In the treatment with large doses (0.15 and 0.075 %) of 2,4-D the intensity of the respiration-gas exchange in sunflowers is decreased within the first 2 days but rises again after some days, prior to the death of the plant. The test plants strongly differed by their appearance from the control plants: their growth was strongly inhibited; whereas the control plants had 5-7 leaves, the treated plant had only 2 leaves with thickened petioles. These plants gradually blackened and dried up. Table 1 shows that after treatment with 2,4-D (0.15 %) the activity of the ascorbic oxidase decreases by the 2.5-fold whereas the

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Effect of the Herbicides on the Respiration and Photosynthesis of Oats and Sunflower

SOV/20-126-6-62/67

activity of peroxidase increases rapidly. Quite to the contrary, the activity of ascorbic oxidase in oat increases considerably during the day following the treatment. Tables 2 and 3 show the effects of 2,4-D and chlorine IPhS on the respiration and photosynthesis of oat, sunflower, and Stellaria media. Herbicides suppress photosynthesis in plants in various ways (Table 3). Chlorine IPhS practically stops the photosynthesis in Stellaria media. If smaller than lethal doses are applied plants may overcome the physiological disturbance brought about by herbicides. A detoxication of the foreign chemical takes place in the plant. Its rate depends on the kind of plant, its physiological state, chemical structure, physical properties, and dose of the herbicide. There are 3 tables and 16 references, 13 of which are Soviet.

ASSOCIATION: Institut fiziologii rasteniy im. K. A. Timiryazeva Akademii nauk SSSR (Institute of Plant Physiology imeni K. A. Timiryazev of the Academy of Sciences of the USSR)

Card 3/4

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

Effect of the Herbicides on the Respiration and Photosynthesis of Oats and Sunflower SOV/20-126-6-62/67

PRESENTED: March 23, 1959, by A. L. Kursanov, Academician

SUBMITTED: March 20, 1959

Card 4/4

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

SOV/20-126-3-64/69

17(4), 30(1)

AUTHORS: Rakitin, Yu. V., Potapova, A. D.

TITLE: Influence of 2,4-D and Chlorine-IFK on the Transpiration and on Some Colloidal Properties of the Protoplasm (Vliyaniye 2,4-D i khlor-IFK na transpiratsiyu i nekotoryye kolloidnyye svoystva protoplazmy)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 3, pp 688-691 (USSR)

ABSTRACT: Herbicide doses of 2,4-D and of some other chemical weed-killers cause several essential disturbances in the plants: a reduction of photosynthesis (Refs 1, 3, 4, 11), considerable shiftings of the intensity and character of transpiration (Refs 2, 5, 6), as well as essential changes in the carbohydrate and nitrogen exchange (Refs 7, 9, 12). The influence mentioned in the title is limited to individual facts and assumptions in publications (Refs 14-22). In the present paper, the authors put forward the results of their investigations (1953-54) of the effect of 2,4-D (sodium salt) and chlorine-IFK (isopropyl-ester of the 3-chlorophenyl-carbamic acid) on the transpiration and on the water-binding capacity of the leaves, as well as on the viscosity and permeability of the protoplasm

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

Influence of 2,4-D and Chlorine-IFK on the Transpiration and on Some Colloidal Properties of the Protoplasm SOV/20-126-3-64/69

of the sunflower species Saratovskiy, of the oats Moskovskiy A-315, and of the weed Stellaria media. The plants were sprayed with a water solution of 2,4-D and a water emulsion of the chlorine-IFK, both chemically pure. The soil moisture in the growing vessels was strictly maintained. 2,54 ml of solution was consumed per vessel. As is shown in table 1, the intensity of transpiration of the sunflower falls after treatment, especially under the influence of the chlorine-IFK. Most affected were the leaves of the upper section: they evaporate about half of the normal quantity of water. With oats, the matter was quite different: while 2,4-D decreased transpiration, the influence of chlorine-IFK increased it. The same occurred with Stellaria. OP-7 had nearly the same effect on Stellaria. The percentage of dry substance varied considerably in the leaves of the plants treated. The increase in dry substance was due to the strong withering of the leaves (Table 1). The leaves of the sunflower grow thicker and fleshier under the influence of 2,4-D. The leaves of oats can retain less water under the influence of chlorine-IFK, the higher the dosis of the preparation is. The moisture evaporates, and the plants dry up.

Card 2/3

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

Influence of 2,4-D and Chlorine-IFK on the Transpiration and on Some Colloidal Properties of the Protoplasm SOV/20-126-3-54/69

The result is the same for sunflowers and oats: the plants die away. In young sunflowers, 2,4-D causes variations in the protoplasm permeability (Table 3). In oats and Stellaria, it increases by 10-18 times under the influence of chlorine-IFK and OP-7 (Table 4). In the sunflower, the toxic action of the herbicide is gradually overcome while in oats it leads to an irreparable poisoning. It ends with the death of the plant. The selectivity of the effect of the weed-killers investigated is caused by the circumstance that in the plants resisting to herbicide its toxicity is overcome, whereas in plants not resisting it causes irreversible disturbances of the life activity. There are 4 tables and 22 references, 10 of which are Soviet.

ASSOCIATION: Institut fiziologii rasteniy im. K. A. Timiryazeva Akademii nauk SSSR (Institute of Plant Physiology imeni K. A. Timiryazev of the Academy of Sciences, USSR)

PRESENTED: February 24, 1959, by A. L. Kursanov, Academician

SUBMITTED: February 23, 1959

Card 3/3

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

RAKITIN, Yu.V., doktor biolog. nauk; POTAPOVA, A.D.

Pre-emergence treatment of soils with herbicides. Dokl. Akad. sel'khoz. 24 no.7:29-33 '59. (MIRA 12:10)

1.Institut fiziologii rasteniy imeni K.A. Timiryazeva AN SSSR. Predstavlena chlenom-korrespondentom AN SSSR I.I. Tumanovym.
(Herbides) (Soil disinfection)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POTAPOVA, A. D., Cand Biol Sci -- (diss) "Some physiological changes in plants under the influence of herbicides." Minsk, 1960. 25 pp; (Inst of Biology, Academy of Sciences Belorussian SSR); 150 copies; price not given; (KL, 17-60, 148)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

Determination of tin in Babbit metal by reduction with zinc. A. A. Bochvar and A. M. Potapova. *Tsvetnye Metal* **1932**, 319-21. - Dissolve 0.2-0.5 g. sample in 30 cc. HCl (1:2) with a small quantity of $KClO_3$ (0.5-1 g.). Boil 10 min. to remove Cl, add 3 g. Zn, boil 15-20 min. until all Zn is dissolved, and then 1-2 min. more to insure the complete soln. of the Sn. Remove from flame, introduce a small piece of coarse-grained marble, cool rapidly under tap water without shaking, and titrate with I. B. N. D.

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1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

PROCESSES AND PROPERTIES INDEX

COMMON ELEMENTS

COMMON VARIABLES INDEX

MATERIALS INDEX

Determination of Tin in Babbitt Metal by Reduction with Zinc. A. A. Botchvar and A. M. Potapova (*Zvetnye Metally* (*The Non-Ferrous Metals*), 1932, 319-321; *C. Abs.*, 1933, **27**, 3895).—[In Russian.] Dissolve a 0·2-0·5 grm. sample in 30 c.c. HCl (*d* 1·2) with a small quantity of $KClO_3$ (0·5-1 grm.). Boil for 10 minutes to remove Cl_2, add 3 grm. Zn, boil for 15-20 minutes until all Zn is dissolved, and then 1-2 minutes more to ensure the complete solution of the Sn. Remove from the flame, introduce a small piece of coarse-grained marble, cool rapidly under tap-water without shaking, and titrate with I_2.
—S. G.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

GRANDBERG, I.I.; POTAPOVA, A.V.

Transfiguration of 4-ethyl-5-propylpyrazoline into α-ethyl-β-amino-β-propylpropionitrile. Zhur.ob.khim. 32 no.2:651-652 F '62. (MIRA 15:2)

1. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova.

(Pyrazoline)
(Propionitrile)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POTAPOVA, G.A.

Biology of sturgeons, their culture and fisheries; a bibliographic index. Trudy VNIRO 52:348-409 '64. (MIRA 17:10)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

44084

S/573/62/000/007/011/015
D201/D308

9.7100

AUTHORS: Myasnikov, V.A., Pivovarov, V.T. and Potapova, G.V.

TITLE: A semiconductor integrator with parallel carry of integrands and serial carry of excess units

SOURCE: Akademiya nauk SSSR. Institut elektromekhaniki. Sbornik rabot po voprosam elektromekhaniki. no. 7, 1962. Avtomatizatsiya, telemekhanizatsiya i priborostroyeniye, 343-349

TEXT: The authors discuss the principles of operation and describe the circuit diagram of a transistorized integrator with parallel carry, which could be used in digital differential analyzers for the control of azimuthal astronomical instruments. The integrator consists of the R_y register of the integrand and a store R. The register R_y stores the magnitudes of the variable y_i, obtained by algebraic summation of increments Δy of $y = f(x)$. Since the speed of the integrator operation depends on that of registers R_y and R, the serial carry of excess units in R_y and R is used.

Card 1/2

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A semiconductor integrator ... S/573/62/000/007/011/015
D201/D308

R_y consists of a reversible counter. Three versions of store R are considered: 1) the pulse for carrying the excess pulses into the next place is delayed with respect to the clock pulse; 2) the best version from the point of view of speed of operation with serial carry of the excess pulses; 3) as 2) with the exclusion of delay line. The basic electrical circuit of the integrator with parallel carry of the integrand and serial carry of excess units consists of a non-saturated external bias trigger with internal emitter followers and non-linear feedback. There are 4 figures.

Card 2/2

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

SERAFIMOV, L.A.; POTAPOVA, G.Ye.

Dependence of the refractive index on the composition of a mixture methyl ethyl ketone - butyl alcohol - water. Zhur. prikl. khim. 36 no.11:2550-2551 N '63. (MIRA 17:1)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

S/065/60/000/012/002/007
E030/E412

AUTHORS: Serafimov, L.A., Potapova, G.Ye. and L'vov, S.V.

TITLE: Direct Investigation of the Phase-Equilibrium of Non-Ideal Multicomponent Systems by Distillation

PERIODICAL: Khimiya i tekhnologiya topliv i masel, 1960, No.12, pp.10-14

TEXT: Ideas are put forward for separating multicomponent mixtures by distillation, whether they are ideal or non-ideal, or whether they form azeotropes or not. The separation of the system МЭК(MEK), 2-butyl alcohol, and water is carried and the phase equilibrium determined by continuous distillation. The conventional determination of the complete phase-equilibrium for multicomponent systems is shown to be unnecessary for predicting the separation to be effected by distillation. In the present method, only those regions are investigated which are relevant to the separation. The entire system can be regarded as a series of independent binary mixtures, where the liquid phase is always the liquid mixture, and for the vapour phase each of the vapours to be separated are considered in turn as the second phase of the binary system. This procedure is clearly valid for ideal

Card 1/3

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E030/E412

Direct Investigation of the Phase-Equilibrium of Non-Ideal Multicomponent Systems by Distillation

systems, and for non-ideal systems it is true to a degree of accuracy dependent on the particular mixture and component to be separated. In practice, even for non-ideal systems considerable accuracy in predicting separation is achieved by studying the phase-equilibrium by subjecting the various concentrations of the components to continuous distillation. The method has been shown to work for three and twenty seven real plate distillation columns for MEK, 2-butyl alcohol, and water. Analysis was by determination of the MEK content by hydroxylamine and determination of the other components by refractivity, the accuracy being 0.1 to 0.4% absolute. x,X Diagrams were obtained, confirming that there is an azeotrope at 59.4% MEK, 40% water and 0.4% butyl alcohol. Below this, in spite of stratification, there is no azeotrope and considerable separation is possible. The presence of water steepens the x,X curves for MEK in 2-butyl alcohol and confirms the desirability of water as an extracting agent. There are 2 figures,

Card 2/3

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S/065/60/000/012/002/007
E030/E412

Direct Investigation of the Phase-Equilibrium of Non-Ideal Multicomponent Systems by Distillation

3 tables and 13 references: 7 Soviet and 6 non-Soviet.

ASSOCIATION: Institut tonkoy khimicheskoy tekhnologii im. M.V.Lomonosova (Institute of Fine Chemical-Technology im. M.V.Lomonosov)

Card 3/3

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

BUROVA, Taisiya Vasil'yevna; RYABINSKAYA, Tamara Fedorovna; POTAPOVA, I.A., red.; BASHMAKOV, G.M., tekhn. red.

[Gastrointestinal diseases in children]Zheludochno-kishechnye zabolevaniia u detei. Moskva, Medgiz, 1962. 14 p. (MIRA 16:1)

(ALIMENTARY CANAL--DISEASES)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

NIKITIN, V.I.; GLAZUNOVA, Ye.M.; POTAPOVA, I.M.; ZEGEL'MAN, A.B.

Tertiary trihydric alcohols of the acetylene and ethylene series and their transformations. Part 31: Synthesis and hydrogenation of 2,3-dimethyl-4-octyne-2,3,6-triol and 2,3-dimethyl-4-nonyne-2,3,6-triol. Zhur. org. khim. 1. no. 12:2123-2128 D '65 (MIRA 19:1)

1. Institut khimii AN Tadzhikskoy SSR. Submitted October 12, 1964.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POTAPOVA, I.N.

Pathomorphological characteristics of the adrenal glands in newborn infants. Probl. endok. i gorm. 11 no.6:10-12 N-D '65. (MIRA 18:12)

1. Patologoanatomicheskoye otdeleniye (zav. - prof. I.S.Dergachev) Instituta pediatrii (dir. - dotsent M.Ya. Studenikin) AMN SSSR, Moskva.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

ZHUKOVSKIY, Mikhail Aleksandrovich; POTAPOVA, I.N., red.; LYUDKOVSKAYA, N.I., tekhn. red.

[Prevention of rheumatic fever in children] Profilaktika revmatizma u detei. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1960. 17 p. (MIRA 14:7)

(RHEUMATIC FEVER)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

DERGACHEV, I. S., prof.; POTAPOVA, I. N., kand. med. nauk

N. P. Gundobin, one of the pioneers of scientific pediatrics.
Pediatriia no.11:79-82 '61. (MIRA 14:12)

1. Iz Instituta pediatrii AMN SSSR (dir. M. Ya. Studenikin)

(PEDIATRICS) (GUNDOBIN, NIKOLAI PETROVICH, 1860-1908)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POTAPOVA, I. N., kand. med. nauk

Pathogenesis of cystic fibrosis of the pancreas. Pediatriia no.4: 67-74 '62. (MIRA 15:4)

1. Iz patologoanatomicheskogo otdeleniya (zav. - prof. I. S. Dergachev) Instituta pediatrii AMN SSSR (dir. - dotsent M. Ya. Studenikin)

(PANCREAS—DISEASES)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

DERGACHEV, Ivan Sergeyevich; POTAPOVA, I.N., red.

[Pathological anatomy and the pathogenesis of diseases of the newborn, nursing infants and young children; selected chapters] Patologicheskaia anatomiia i patogenez boleznei novorozhdennykh, ietei grudnogo i rannego vozrasta: izbrannye glavy. Moskva, Meditsina, 1964. 341 p. (MIRA 17:11)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

DERGACHEV, I.S.; POTAPOVA, I.N.; MIKHEYEVA, G.A.

Effect of chlortetracycline on the course of staphylococcal infection in an experiment. Antibiotiki 7 no.1:65-68 Ja '62. (MIRA 15:2)

1. Institut pediatrii AMN SSSR.
(STAPHYLOCOCCAL DISEASE) (AUREOMYCIN)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POTAPOVA, I.N., kand. med. nauk; PETROVA, N.K., tekhn. red.

[Strengthen the health of the student]Ukrepliaite zdorov'e shkol'nika; kniga dlia roditelei. Moskva, Medgiz, 1962. 182 p. (MIRA 16:1)

(CHILDREN--CARE AND HYGIENE)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

SPIRINA, Valentina Petrovna, kand.med. nauk; POTAPOVA, I.N., red.;
PRONINA, N.D., tekhn. red.

[What you should know about building up children's resistance]
Chto nado znat' o zakalivanii detei. Moskva, Medgiz, 1962.
19 p. (MIRA 16:1)
(CHILDREN--CARE AND HYGIENE)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

PROTOKLITOVA, Natal'ya Sergeyevna; kand. med. nauk; RUDENSKAYA, Izol'da Nikolayevna, kand. med. nauk; POTAPOVA, I.N., red.; BASHMAKOV, G.M., tekhn. red.

[Botkin's disease in children]Bolezn' Botkina u detei. Moskva, Medgiz, 1962. 12 p. (MIRA 16:1)
(HEPATITIS, INFECTIOUS)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

TSOPPI, Yelizaveta Ernestovna; SOKOLOVA, Tat'yana Sergeyevna; POTAPOVA, I.N., red.; ZAKHAROVA, A.I., tekhn.red.

[Work of the visiting nurse] Rabota patronazhnoi sestry. Moskva, Gos.izd-vo med.lit-ry, 1959. 91 p. (MIRA 13:5)
(NURSES AND NURSING) (INFANTS--CARE AND HYGIENE)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

RASSADINA, Z.A.; POTAPOVA, I.N.

Two cases of sympathogonioma in children. Pediatriia 37 no.7:88 Jl '59. (MIRA 12:10)

1. Iz Instituta pediatrii AMN SSSR, Moskva.
(TUMORS)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

ZAPROMETOV, M.N.; YEROFEYEVA, N.N.; DERGACHEV, I.S.; POTAPOVA, I.N.

Nontoxicity of increased doses of the vitamin P preparation (a catechin complex) in a prolonged experiment. Vit. res. i ikh isp. no.4:135-139 '59. (MIRA 14:12)

1. Institut fiziologii rasteniy im. K.A.Timiryazeva AN SSSR; Institut biokhimii im. A.N.Bakha AN SSSR i Institut pediatrii Akademii meditsinskikh nauk SSSR, Moskva.
(VITAMINS--P)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

SOKOLOVA-PONOMAREVA, Ol'ga Dmitriyevna, prof.; POTAPOVA, I.N., red.

[Rheumatic fever in children] Revmatizm u detei. Moskva, Meditsina, 1965. 289 p. (MIRA 18:12)

1. Deystvitel'nyy chlen AMN SSSR (for Sokolova-Ponomareva).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

DERGACHEV, I.S.; POTAPOVA, I.N.; BEREZOVSKAYA, N.N.

Effect of a catechin preparation on the endocrine glands of white rats kept on a casein diet. Report No. 1 Biul MOIP. Otd. biol. 68 no.4:141-143 Jl-Ag '63. (MIRA 16:10)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POTAPOVA, I. N. Cand Med Sci -- (diss) "Histological structure of the intermuscular (Auerbach's) plexus of the intestine during various age periods." Mos, 1957. 16 pp (Acad Med Sci USSR) 200 copies. (KL, 4-58, 86)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POTAPOVA, I.N.

Age factor of the histological structure of intramural ganglia of the intestines in relation to the peculiarities of the course of dysentery in children. Sov.med. 21 no.11:65-68 N '57. (MIRA 11:3)

1. Iz patomorfologicheskoy laboratorii (zav.-prof. I.S.Dergachev) Instituta pediatrii (dir.-chlen-korrespondent AMN SSSR prof. O.D. Sokolova-Ponomareva) AMN SSSR.

(DYSENTERY, in inf. and child.
relation to intramural nerve structure of intestines)
(INTESTINES, innerv.
in child., relation of intramural nerve structure to dysentery)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

ZELENETSKAYA, Sof'ya Sergeyevna; CHRAKOVA, Tat'yana Porfir'yevna; POTAPOVA, I.N., red.; BASHMAKOV, G.M., tekhn. red.

[Rheumatic fever in children and its control]Revmatizm u detei i bor'ba s nim. Moskva, Medgiz, 1962. 13 p. (MIRA 16:2)
(RHEUMATIC FEVER)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POLYAK, Lidiya Vasil'yevna, kand. med. nauk; POTAPOVA, I.N., red.; BASHMAKOV, G.M., tekhn. red.

[Scarlet fever in children]Skarlatina u detei. Moskva, Medgiz, 1962. 14 p. (MIRA 16:1)
(SCARLET FEVER)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POTAPOVA, Irina Nikolayevna, kand. med. nauk; LAGUTINA, Ye.V., red.; ATROSHCHENKO, L.Ye., tekhn. red.

[Children need not be sick]Deti ne dolzhny bolet'. Moskva, Izd-vo "Znanie," 1963. 44 p. (Narodnyi universitet kul'tury: Fakul'tet zdorov'ia, no.3) (MIRA 16:4)
(CHILDREN--DISEASES)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

DERGACHEV, I.S.; POTAPOVA, I.N.; BEREZOVSKAYA, N.N.

Effect of vitamins C and P on the endocrine glands of guinea pigs. Vop. pit. 22 no.2:66-70 Mr-Ap '63. (MIRA 17:2)

1. Iz otdela vitaminov C i P (zav. - prof. N.S. Yarusova) Instituta vitaminologii Ministerstva zdravookhraneniya SSSR, Moskva.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

AGABABOVA-SKOBELEVA, V.V., kand. med. nauk; DOBROKHOTOVA, A.I., prof. [deceased]; ZHUKOVSKIY, M.A., kand. med. nauk; LEBEDEV, D.D., zasl. deyatel' nauki prof.; MARTINSON, Kh.S., kand. med. nauk; MOLCHANOV, V.I., prof.; NOSOV, S.D., prof.; SOBOLEVA, V.D., doktor med. nauk; SOLOV'YEV, V.D., prof.; SUKHAREVA, M.Ye., prof.; SHAPIRO, S.L., kand. med. nauk; SHERMAN, R.Z., doktor med. nauk; SHIRVINDT, B.G., prof.; DOMBROVSKAYA, Yu.F., otv. red.; POTAPOVA, I.N., red.; BEL'CHIKOVA, Yu.S., tekhn. red.

[Multivolume manual on pediatrics] Mnogotomnoe rukovodstvo po pediatrii. Moskva, Medgiz. Vol.5.[Infectious diseases in children; aerial and droplet infections] Infektsionnye bolezni v detskom vozraste; vozdushno-kapel'nye infektsii. Red. toma S.D.Nosov. 1963. 547 p. (MIRA 16:6)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Skobeleva, Solov'yev). 2. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Dombrovskaya).
(PEDIATRICS) (COMMUNICABLE DISEASES)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

YAKUNIN, Yuriy Aleksandrovich; SYSOYEVA, Iraida Mikhaylovna;
POTAPOVA, I.N., red.; PRONINA, N.D., tekhn. red.

[Infantile paralysis - poliomyelitis] Detskii paralich - poliomielit. Moskva, Medgiz, 1963. 20 p. (MIRA 16:5)
(POLIOMYELITIS)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POTAPOVA, I.N.

Appearance of neuroblasts in the postembryonal stage [with summary in English]. Biul.eksp.biol. i med. 44 no.11:105-109 N'57 (MIRA 11:11)

1. Iz patomorfologicheskogo otdeleniya (zav. - prof. I.S. Dergachev) Instituta pediatrii (dir. - chlen-korrespondent O.D. Sokolova-Ponomareva) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR G.N. Speranskim.

(GASTROINTESTINAL SYSTEM, innervation, Auerbach's plexus, neuroblasts in postembryonal animals (Rus))

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

YEFIMOV, Nikolay Ivanovich; POTAPOVA, I.N., red.; BUL'DYAYEV, N.A.; tekhn.red.

[Vitamins and their importance for man's health] Vitaminy i ikh znachenie dlia zdorov'ia cheloveka. Moskva, Gos. izd-vo med. lit-ry, 1958. 39 p. (MIRA 12:1)
(VITAMINS)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

DERGACHEV, I.S.; POTAPOVA, I.N.; BEREZOVSKAYA, E.E.

Effect of rutin on the endocrine glands under experimental conditions. Vop. pit. 22 no.2:53-56 Mr-Ap '63. (MIRA 17:10)

1. Iz otdela vitaminov C i P (zav. - prof. E.S. Yarusova) Gosudarstvennogo nauchno-issledovatel'skogo instituta vitaminologii Ministerstva zdravookraneniya SSSR, Moskva.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

NOSOV, Sergey Dmitriyevich, prof.; POTAPOVA, I.S., red.; BUL'DYAYEV, N.A., tekhn. red.

[Textbook of infectious children's diseases] Uchebnik detskikh infektsionnykh boleznei. 2. izd. Moskva, Medgiz, 1961. 351 p. (MIRA 15:4)
(CHILDREN—DISEASES) (COMMUNICABLE DISEASES)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

KHROMOV, A.V.; POTAPOVA, I.V.

induction gaussmeter with piezoelectric actuator. Prib. i tekh. eksp. 8 no.5:194-195 S-O '63. (MIRA 16:12)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POTAPOVA, K.K.;SANKOV, Ye.A.;YANOVSKAYA, N.B.

Investigating the destruction of cotton fibers by various micro-organisms. Izv. vys. ucheb. zav.; tekh. tekst. prom. no.5:23-25 '59 (MIRA 13:3)

1. Leningradskiy tekstil'nyy institut im. S.M. Kirova.
(Cotton)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

YANOVSKAYA, N.B., POTAPOVA, K.K.

Investigating polyacrylonitrile fibers obtained with various degrees of draft. Izv.vys.ucheb.zav.; tekh.tekst.prom. no.3:24-29 '60. (MIRA 13:7)

1. Leningradskiy tekstil'nyy institut im. S.M. Kirova.
(Textile fibers, Synthetic) (Orlon)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

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YANOVSKAYA, N.B.; POTAPOVA, K.K.

Electron microscopy and X ray structure examination of polyacrylonitrile fibers of "nitron.". Izv.vys.ucheb.zav.; tekh.tekst.prom. no.4:15-18 '58. (MIRA 11:11)

1. Leningradskiy tekstil'nyy institut imeni Kirova.
(Electron microscopy) (X rays--Industrial applications)
(Textile fibers, Synthetic)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

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POTAPOVA, K. P.

POTAPOVA, K.P.

Result of tissue therapy in chronic tonsillitis. Vest. oto-rin. 16 no.3:82-83 My-Je '54. (MLRA 7:7)

1. Iz kliniki bolezney ukha, gorla i nosa (dir. dotsent K.G. Borshchev) Ivanovskogo meditsinskogo instituta.
(TONSILLITIS, therapy,
*tissue ther.)
(TISSUE THERAPY, in various diseases,
*tonsillitis)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

USSR/Cultivated Plants. Grains.

Abs Jour : Ref Zhur-Biol., No 15, 1958, 68108

Author : Potapova, K. S.
Inst : -
Title : Preliminary Results of Corn Variety Tests in Altay Kray.

Orig Pub : V sb.: God raboty po osvoyeniyu tselinnykh i zalezhnykh zemel' v Altayskom krayе. M. Sel'khozgiz, 1955, 402-406

Abstract : Under the conditions of this kray, Slavgorodskaya 270, Slavgorodskiy hybrid 4, and also other early maturing varieties are more reliable when cultivated for seed, and are of interest for use in cultivating hybrid seeds. The most highly productive late maturing varieties are Krasnodarskaya 1/49 and Khar'kov-

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L 2117-65 EWT(m)/EPF(c)/EWP(j) Pc-4/Pr-4 RM
ACCESSION NR: AP4043459 S/0075/64/019/008/0917/0921

AUTHORS: Rudenko, B.A.; Potapova, L.G.; Kucherov, V.F. 23 21

TITLE: The use of polysiloxanes as stationary liquid phases in gas-liquid chromatography

SOURCE: Zhurnal analiticheskoy khimii, v. 19, no. 8, 1964, 917-921

TOPIC TAGS: column packing material, polysiloxane, thermal stability, silicone, polyphenylmethyl siloxane

ABSTRACT: Until now there are no data which enable comparison of the thermal stability and separation ability of imported and local polysiloxanes. The purpose of this work was to close this gap to some extent. The comparison was made of the following siloxanes: E-301 (England); homocyai-410 (France); silicone vaseline (Czechoslovakia); vat residues of polyphenylsiloxane (Czechoslovakia); SKTV-1 (USSR); SKT (USSR); ethyl silicone oil (USSR); silicone liquid 5 (USSR); copolymer No. 2 (USSR); vat residues of polyphenylmethyl siloxane (USSR). The most thermally stable materials (four local and three foreign) were compared for their separating ability

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ACCESSION NR: AP4043459

using the simplest compounds. For all samples determinations were made of the content of silicon and of their molecular weights and IR spectrum was taken in the 100-1500 cm^{-1} region, containing bands which are characteristic of CH_3-Si bands (about 1260 cm^{-1}) and C_6H_5-Si (1130 and 1430 cm^{-1}). The measurements were conducted on an IKS-12 instrument with a NaCl prism. The molecular weights of polymers were determined from the viscosity of their solutions in benzene and for lower molecular weight samples it was determined cryoscopically. The average molecular weight for rubber-like samples was 60000-70000, for silicone vaseline it was about 3500 and for liquid polysiloxanes -- 450 - 2000. The thermal stability of the indicated polysiloxanes was determined from the weight loss as a function of temperature. It was shown that the investigated polysiloxanes, despite the great difference of molecular weight differ very little with respect to separation of a mixture of saturated aromatic hydrocarbons. Polysiloxanes which contain phenyl groups can selectively retain aromatic components in the mixture. It was shown, for example,

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that it is easy to separate benzene and cyclohexane. The ability of polysiloxanes to separate geometric isomers was demonstrated by the separation of ethyl esters of cis- and trans-4-phenylcyclohexane carboxylic acid. The data show that locally produced polysiloxanes SKTV-1 and vat residue of polyphenylmethyl siloxane used as stationary phases are not any worse than foreign-made polysiloxanes. They can be stably used up to 250°C. The authors express their gratitude to G. A. Kogan for carrying out spectral measurements and for his help with the interpretation of the results. Orig. art. has: 2 tables and 3 figures.

ASSOCIATION: Institut organicheskoy khimii im. N.D. Zelenskogo AN SSSR (Institute of Organic Chemistry, AN SSSR)

SUBMITTED: 10Jul63

ENCL: 00

SUB CODE: GC, OC

NR REF SOV: 004

OTHER: 009

Card 3/3

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

RUDENKO, B.A.; POTAPOVA, L.G.; KUCHEROV, V.F.

Using natural fats as the liquid stationary phase in gas-liquid chromatography. Zhur. anal. khim. 19 no.7:802-809 '64. (MIRA 17:11)

1. Institut organicheskoy khimii imeni Zelinskogo AN SSSR, Moskva.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

RUDENKO, B.A.; POTAPOVA, L.G.; KUCHEROV, V.F.

Polysiloxanes as liquid stationary phases in gas-liquid chromatography. Zhur. anal. khim. 19 no.8:917-921 '64. (MIRA 17:11)

1. Institut organicheskoy khimii imeni Zelinskogo AN SSSR, Moskva.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

KOLESNICHENKO, I.T.; METS, Yu.S.; POTAPOVA, L.G.

Using "zernogranulit" 80/20 underground. Vzryv. delo no.55/12: 98-114 '64. (MIRA 17:10)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POTAPOVA, L.I.; [illegible], N.I.

Spark-impact type sampler for spectrum analysis of metals and alloys. Zav. lab. 31 no.1:131 '65. (MIRA 18:3)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

LAVRIK, L.N.; POTAPOVA, L.I.

Calculation device for processing the results of quantitative spectral analysis. Zav.lab. 28 no.7:878-880 '62 (MIRA 15:6)
(Spectrum analysis)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

USSR/General Problems of Pathology - Tumors. Comparison Oncology. Human Neoplasms U

Abs Jour : Ref Zhur Biol., No 1, 1959, 4300

Author : Denin, A.A., Potapova, L.P.

Inst : Surgical Section of Novosibirsk Oblast Clinical Hospital and Chair of Hospital Surgery of the Novosibirsk Medical Institute

Title : On the Problem of the Clinic and Detection of the Myeloma of Rustitskiy

Orig Pub : Sb. nauchn. tr. vrachey khirurg. otd. Novosib. obl. klinich. bol'nitsy i sotrudn. kafedry gospit. khirurgii Novosib. med. in-ta, Novosibirsk, 1958, 153-161

Abstract : No abstract.

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APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POTAPOVA, L.S.

Duration of the cold season on the territory of the U.S.S.R.
Izv. AN SSSR Ser. geog. no.4:125-129 '64 (MIRA 17:8)

1. Institut geografii AN SSSR.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POTAPOVA, L. V.

Cand Tech Sci - (diss) "Evaluation of the mechanical properties of technical fabrics undergoing punching." Moscow, 1961. 18 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Textile Inst);200 copies; price not given; (KL, 6-61 sup, 223)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POTAPOVA, L.V., inzh.

Industrial fabrics made from synthetic fibers. Tekst. prom. 21 no. 4:23-26 Ap '61. (MIRA 14:7)

(Synthetic fabrics)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POTAPOVA, L.V.

Comparative testing of fabrics on an air permeability apparatus and in a wind tunnel. Izv.vys.ucheb.zav.; tekh.tekst.prom. no.1:40-46 '60. (MIRA 13:6)

1. Tsentral'nyy nauchno-issledovatel'skiy institut shelkovoy promyshlennosti i Moskovskiy tekstil'nyy institut.
(Textile fabrics—Testing) (Parachutes)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

YEFETOV, V.M. (Simferopol', [illegible]); KRYLENKO, [illegible]; POTAPOVA, L.V.

Transperitoneal [illegible] pelvic [illegible] in stomach cancer. Vest. khir. 92 no.2[illegible] Ap '64 (MIRA 18:1)

1. Iz khirurgicheskogo otdeleniya (zav. V.M. Yefetov) Krymskogo oblastnogo onkologicheskogo dispansera (glavnyy vrach O.D.Firsova), g. Simferopol'.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

YEFETOV, V.M.; POTAPOVA, L.V.; KRUPENYA, A.V.

Results of combined resection in cancer of the stomach.
Khirurgiia 39 no.10:24-31 O '63. (MIRA 17:9)

1. Iz khirurgicheskogo otdeleniya (zav. V.M. Yefetov) Krymskogo oblastnogo onkologicheskogo dispansera (glavnyy vrach O.D. Firsova), Simferopol'.

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POTAPOVA, L.V.

Testing tensile breaking strength of fabrics by their air pressure method. Izv. vys. ucheb. zav.; tekh. tekst. prom. no.5:36-46 '59

1. TSentral'nyy nauchno-issledovatel'skiy institut shelkovoy promyshlennosti i Moskovskiy tekstil'nyy institut.
(Cotton fabrics--Testing)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POTAPOVA, L.V.; VOL'NOVA, Z.G., redaktor; SOLOV'YEVA, V.V., tekhnicheskiy redaktor

[UKR-48, UKR-49, and KR-46, looms] Tkatskie stanki UKR-48, UKR-49 i KR-46. Moskva, Gos. nauchno-tekhnicheskoe izd-vo legkoi promyshlennosti, 1951. 100 p. (MLRA 8:2)
(Looms)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

AGAFOVA, Nadezhda Platonovna, kand. tekhn. nauk; MOROZOVA, Nadezhda Dmitriyevna, kand.tekhn. nauk; LYTKINA, Sof'ya Grigor'yevna. Prinimala uchastiye MURALEVICH, M.V.; POTAPOVA, L.V., kand. tekhn. nauk; MONINA, F.V., kand. tekhn. nauk; DMITRIYEV, I.I., retsenzent; MEN'SHENINA, V.A., red.

[Equipment and technology of silk weaving manufacture] Oborudovanie i tekhnologiia shelkotkatskogo proizvodstva. Moskva, Legkaia industriia, 1964. 527 p. (MIRA 18:1)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

OL'SHANOVA, K., prof.; POTAPOVA, M., kand.khim.nauk; KORNIYENKO, A., kand. tekhn.nauk; KUZENKO, Ye.; SHIBANOVA, P.

Ion exchange resins in the production of protein hydrolyzates. Mias.ind.SSSR 35 no.1:16-20 '64. (MIRA 17:4)

1. Moskovskiy technologicheskiy institut myasnoy i molochnoy promyshlennosti (for Korniyenko). 2. Moskovskiy ordena Lenina myasokombinat (for Shibanova).

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

OL'SHANOVA, Kaleriya Maksimovna; POTAPOVA, Mariya Aleksandrovna; KOPYLOVA, Valentina Dmitriyevna; MOROZOVA, Nadezhda Mikhaylovna; DEBABOV, V.G., red.

[Manual on ion-exchange, partition, and precipitation chromatography] Rukovodstvo po ionoobmennoi, raspredeli-tel'noi i osadochnoi khromatografii. Moskva, Khimiia, 1965. 199 p. (MIRA 18:7)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

OL'SHANOVA, K.M., doktor khim.nauk; POTAPOVA, M.A., kand.khim.nauk; FROLOVA, G.V., kand.tekhn.nauk; SELIVERSTOVA, L.Ya.

Recovery of anion exchanging substances after neutralization and purification of sunflower seed and castor oils. Masl.-zhir. prom. 27 no.9:10-11 S '61. (MIRA 14:11)

1. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy promyshlennosti (for Ol'shanova, Potapova, Frolova). 2. Moskovskiy gidrozavod (for Seliverstova).
(Sunflower seed oil) (Castor oil)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

KORENMAN, I.M.; SHEYANOVA, F.P.; POTAPOVA, M.A.

Determination of solubility of sparingly soluble compounds with the aid of nonisotopic radioactive indicators. Zhur. ob. khim. 26 no.8:2114-2118 Ag '56. (MLRA 10:11)

1. Gor'kovskiy gosudarstvennyy universitet.
(Solubility)

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

Potapova, M.A.

The use of nonisotopic radioactive indicators in determining the solubility of slightly soluble compounds. L. M. Korenman, P. R. Sheyanova, and M. A. Potapova. J. Gen. Chem. U.S.S.R. 26, 2359-63(1956)(English translation).—See C.A. 51, 6281e. B. M. R.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

Category: USSR / Physical Chemistry
Thermodynamics. Thermochemistry. Equilibrium. Physico-chemical analysis. Phase transitions. B-8

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 29952

Author : Korenman I. M., Sheyanova F. R., Potapova M. A.
Inst : not given
Title : Determination of Solubility of Difficultly Soluble Compounds by Means of Non-Isotope Radioactive Tracers

Orig Pub: Zh. obshch. khimii, 1956, 26, No 8, 2114-2118

Abstract: Determination of solubility of difficultly soluble compounds by means of isomorphous non-isotope radioactive tracers. In this instance the tracer is isomorphously incorporated in the lattice of the compound under study. Solubility of Zn $[Hg(CNS)_4]$, Cd $[Hg(CNS)_4]$ and Cu $[Hg(CNS)_4]$ was determined by the use of Co^{60}. As isomorphous radioactive admixtures were also utilized Cd^{115} and Zn^{65}. By the described method the solubility is determined with satisfactory accuracy.

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"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

Potapova, M. A.

USSR/Physical Chemistry - Surface Phenomena. Adsorption. Chromatography. Ion Exchange, B-13

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 601

Author: Ol'shanova, K. M., and Potapova, M. A.

Institution: Moscow Technological Institute of the Meat and Dairy Industry

Title: Effect of pH on the Selective Adsorption of Ions and on the Position of the Bands in Ion-Exchange Chromatograms

Original Periodical: Tr. Mosk. tekhnol. in-ta myas. i moloch. prom-sti, 1956, Vol 6, 179-184

Abstract: The effect of pH (from one to 7.45) on the distribution of the bands during the chromatographic separation of mixtures of K^+ and Cr^{3+}, Co^{2+} and Cu^{2+}, Cr^{3+} and Ni^{2+}, Hg^{2+} and Pb^{2+} ions on Al_2O_3 columns has been investigated. It was found that the acidification of the solutions by the addition of HNO_3 does not change the relative distribution of the bands but does increase the band velocity on the column.

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LARIOKHINA, Natal'ya Mikhaylovna; MOTINA, Ye.I., lingvist, red.; SHAL'NOV, V.P., fizik, red.; DEM'YANOVA, L.G., red.; POTAPOVA, M.D., red.; YERMAKOV, M.S., tekhn. red.

[Reader on physics. Manual for foreign students studying the Russian language] Kniga dlia chteniia po fizike; uchebnoe posobie dlia studentov-inostrantsev, izuchaiushchikh russkii iazyk. Moskva, Izd-vo Mosk. univ., 1961. 168 p. (MIRA 14:10)
(Physics)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POTAPOVA, M.M.

Therapeutic effect of negative ions. Trudy Len. ob-va est. 74 no. 1:94-97 '63. (MIRA 17:9)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001342

POTAPOVA, M.M.

Effect of active relaxation during the working hours on the health of intellectual workers. Vest.LGU 17 no.21:106-112 '62. (MIRA 15:12)

(GALLISTHENICS) (REST PERIODS)

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0013427