L 22354-66 EWT(l)
ACC NR: AP6013269 SOURCE CODE: UR/0413/66/000/008/0060/0060

INVENTOR: Yermakov, V. V.

ORG: none

TITLE: Method of recording the movements of a skier. Class 30, No. 180737

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 8, 1966, 60

TOPIC TAGS: radiotelemetry, biotelemetry

ABSTRACT: An Author Certificate has been issued for a method of recording the movements of a racing skier. This is accomplished by simultaneously recording the movements and taking motion pictures of the subject. To obtain objective data on the character and structure of the movements of a sportsman, the oscillograph of the radiotelemetric system selectively records movements synchronously with a motion picture camera. At a given moment, a synchronizing signal is transmitted by radio to the oscillograph monitor and to a screen monitor situated in the field of vision of the camera objective. This signal switches on electromagnetic devices. [CD]

SUB CODE: 06/ SUBM DATE: 22Feb65/ ATD PRESS: 4240

Card 1/1 UDC: 612-087 : 616-073.178

LYSENKO, A.Ya.; MYCHKO-MEGRIN, A.Yu.; BARKOV, V.N.; KASATSKIY, A.I.; FEDOROVA, S.P.; YERMAKOV, V.V.

Medicogeographical studies of Brazil. Vop geog. no.68:137-203 '65. (MIRA 18:12)

YERMAKOV, V.Ye.

Collaboration with institutes. Work of the Central Laboratory of the Moscow Small Automobile Factory. Zav.lab. 28 no.11:1390 '62. (MIRA 15:11)

1. Zamestitel' nachal'nika TSentral'noy zavodskoy laboratorii Moskovskogo zavoda malolitrazhnykh avtomobiley.
(Moscow--Automobile industry) (Engineering laboratories)

YERMAKOV, V. Ye.

YERMAKOV, V. Ye. -- "Foundations of the Organization of Forestry in the Protective Belts of the Central Course of the Dnepr." Min Higher Education USSR. Belorussian Forestry Engineering Inst imeni S. M. Kirov. Minsk, 1955. (Dissertation for the Degree of Candidate in Agricultural Sciences)

SO: Knizhnaya Letopis', No 1, 1956

YERMAKOV, V.Ye., kand. sel'skokhozyaystvennykh nauk

Organizing the management of protective forest belts. Shor. nauch.trud.BLRI no.10:174-180 '57. (MIRA 11:12)
(Forests and forestry) (Erosion)

YERMAKOV V. Ye

COUNTRY : USSR
CATEGORY : Forestry. Forest Management.

ABS. JOUR. : RZhBiol., No. 14 1959, No. 63199

AUTHOR : Yermakov, V. Ye.
INST. : Belorussian Forest Engineering Institute
TITLE : On the Problem of Organizing the Management in Forests of Protective Belts

ORIG. PUB. : Tr. nauchn. tr. Belorussk. lesotekhn. in-t, 1957, vyp. 10, 174-180
ABSTRACT : No abstract

CARD: 1/1

-25-

ZAKHAROV, V.K., prof.; TRUIL', O.A., kand.sel'skokhoz.nauk; MIROSHNIKOV, V.S., kand.sel'skokhoz.nauk; YERMAKOV, V.Ya., kand.sel'skokhoz. nauk; CHERNYAK, I., red.; STEPANOVA, N., tekhn.red.

[Timber valuation manual] Lesotaksatsionnyi spravochnik. Pod obshchei red. V.K.Zakharova. Minsk, Gos.izd-vo BSSR, 1959. 300 p. (MIRA 13:4)

(Forests and forestry--Valuation)

YERMAKOV, V.Ye.

Characteristics of the composition of naturally regenerated stands. Sbor. bot. rab. Bel. otd. VBO no.2:189-192 '60. (MIRA 15:1)
(White Russia—Forests and forestry)

ZAKHAROV, Vasiliy Kirillovich,prof.; TRULL',Oleg Antonovich; MIROSHNIKOV, Vladimir Semenovich; YERMAKOV, Viktor Yevseyevich; CHERNYAK, I., red.; NOVIKOVA, V., tekhn. red.

[Forest valuation handbook] Lesotaksatsionnyi spravochnik. Pod obshchei red. V.K.Zakharova. Izd.2., ispr.i dop. Minsk, Gos. izd-vo BSSR. Red. nauchno-tekhn.lit-ry, 1962. 367 p. (MIRA 15:6)

(Forests and forestry—Valuation)

YERMAKOV, V.Ye.

Growth and productivity of wood-sorrel and whortleberry spruce forests. Bot.; issl. Bel. otd. VBO no.6:131-135 '64. (MIRA 18:7)

Yermakov, Ya. V.

VISHNYAKOV, A.P.:DOBROVOL'SKIY, D.S.:YERMAKOV, Ya.V.:TUKACHINSKIY, S. Ye.

Electrophoretic determination of protein fractions on paper. Doklady Akad. nauk SSSR 87 no. 6:1035-1038 21 Dec 1952. (CLML 23:5)

1. Presented by Academician A. I. Oparin 23 October 1952. 2. Leningrad Scientific-Research Institute of Blood Transfusion, Central Scientific-Research Paper Institute, and Central Scientific-Research Veterinary Laboratory.

S/035/62/000/012/052/064
A001/A101

AUTHORS: Trunin, Yu. M., Yermakov, Ye. G.

TITLE: A template-parallaxometer

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 12, 1962, 19, abstract 12G131 ("Byul. nauchno-tekhn. inform. M-vo geol. i okhrany nedr SSSR", 1961, no. 5 (33), 57 - 58)

TEXT: A template was constructed in an expedition of the All-Union Aero-geological Trust; it is used to measure (without a stereoscope) a pair of points, whose relative elevation is to be determined, from two adjacent aerial photographs of the base (b) of photographing and difference of forward parallaxes (Δp). The instrument set includes a table of parallactic coefficients (H/b) using which one can easily determine (from a corresponding altitude of photographing and measured base) elevation by the formula:

$$h = (H/b) \cdot \Delta p.$$

Card 1/2

A template-parallaxometer

S/035/62/000/012/002/064
A001/A101

The table of expected errors mh, expressed in terms of photography altitude, is presented as a function of distance (r) on aerial photograph between the points being determined (from 1/700·H at r = 10 mm to 1/280·H at r = 55 mm).

I. Mityachkin

[Abstracter's note: Complete translation]

Card 2/2

MOSHKOV, B.S.; YERMAKOV, Ye.I.; DEGTYAREV, P.A.

Effect of soil moisture on the diurnal rhythms of movement in Perilla ocymoides. Dokl. AN SSSR 153 no.2:477-480 N '63. (MIRA 16:12)

1. Agrofizicheskiy nauchno-issledovatel'skiy institut, Leningrad. Predstavleno akademikom A.L.Kursanovym.

YERMAKOV, Ye.I., shofer.

Truck driving experience. Avt.der.18 no.7:16-17 N '55. (MLRA 9:4)
(Automobile drivers)

DEMIN, N.A.; [redacted]

Experience in constructing and using Centri-Cleaners. Bum.prom. 33 no.10:19-20 O '58. (MIRA 11:11)

1. Kondrovskiy tsellyulozno-bumazhnyy kombinat.
(Woodpulp industry--Equipment and supplies)

BARANOV, L.A.; GORBATOV, V.I.; YEVREINOV, D.V.; YERMAKOV, Ye.I.; PITERSKOV, N.I.; RYL'TSEV, A.M.; RYAZANTSEV, I.G.; TOROPOV, A.S.; TSEYTLIN, G.I.; YAROSHEV, D.M.; TRUBIN, V.A., glavnyy red.; SOSHIN, A.V., zam.glavnogo red.; RAKITIN, G.A., red.; GRINEVICH, G.B., red.; YEPIFANOV, S.P., red.; ONUFRIYEV, I.A., red.; KHOKHLOV, B.A., red.; ZIMIN, P.A., red.; TABUNINA, M.A., red.izd-va; OSENKO, L.M., tekhn.red.

[Manual on accident prevention and industrial sanitation during construction and repair operations] Spravochnoe posobie po tekhnike bezopasnosti i promsanitarii pri proizvodstve stroitel'no-montazhnykh rabot. Pod red. G.A.Rakitina. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1961. 359 p. (MIRA 14:4)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.
(Construction industry--Hygienic aspects)

YERMAKOV, Ye.I.; SHAMSIYEV, A.

Growing plants on porous ceramics in research work. Trudy Otd. fiziol. i biofiz. rast. AN Tadzh. SSR 3: 124-135 '64. (MIRA 18:4)

YERMAKOV, Ye.S.

Some data on the use of oxyhemometry for the comparative evaluation of the effectiveness of oxygen and aerotherapy in the children's clinic. Pediatriia 41 no.9:50-54 S '62. (MIRA 15:12)

1. Iz akademicheskoy gruppy deystvitel'nogo chlena AMN SSSR prof. Yu.F.Dombrovskoy i kafedry detskikh bolezney (zav. - prof. Yu.F.Dombrovskaya) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova (dir. - chlen-korrespondent AMN SSSR prof. V.V.Kovanov).
(BLOOD--OXYGEN CONTENT)(AEROTHERAPY)(OXYGEN THERAPY)

YERMAKOV, Ye.S.

Tillage in green fallows. Zemledelie 26 no.8:32-33 Ag '64. (MIRA 17:11)

1. Nauchno-issledovatel'skiy institut sel'skogo khozyaystva tsentral'nykh rayonov necherhozemnoy zony.

YERMAKOV, Yo.S.

Changes in some functions of the external respiration during chronic pneumonia in children. Sov. med. 28 no.9:32-34 S '65. (MIRA 18:9)

1. Akademicheskaya gruppa deystvitel'nogo chlena AMN SSSR prof. Yu.F.Dombrovskoy i kafedra detskikh bolezney (zav. Yu.F.Dombrovskaya) I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

127. Therapy of Intoxication Caused by Ethylated Gasoline

"Clinical Evaluation of Some Methods of Treating Chronic Intoxication by Ethylated Gasoline [Leaded Gasoline]," by Capt Ye. V. Yermakov of the Medical Service, Voyenno-Meditsinskiy Zhurnal, No 3, Mar 57, pp 46-48

Clinical tests conducted by N. V. Lazarev, I. G. Ravkin, A. A. Glebovich, and others established that prolonged sleep induced by barbiturates combined with the administration of magnesium sulfate and vitamin B_1 are an effective method of therapy for intoxication caused by ethylated gasoline, magnesium sulfate being the mere effective therapeutic agent. Previous experiments at the Military Medical Academy imeni S. M. Kirov and the First Leningrad Medical Institute conducted by A. N. Kuznetsov and V. V. Zakusov, in which sodium hyposulfite and glucose were administered to treat such an intoxication, produced negative results. Failure to develop a specific therapy for tetraethyl lead intoxication was partly due to the fact that little was known of the intoxication process which took place in the organism. "It is now known," the author writes, "that ethylated gasoline intoxication induces a pathological process in the organism, which, once initiated, continues to develop independently of the poison." (U)

YERMAKOV, Ye. V.

YERMAKOV, Ye.V.

Clinical aspects and treatment of poisoning with some hallucinogens. (MIRA 15:2)
Voen.-med. zhur. no.8:89-91 Ag '61.
(HALLUCINOGENIC DRUGS—TOXICOLOGY)

YERMAKOV, Yevgraf Viktorovich; KLIMOV, S.P., red.; LEBEDEVA, G.T., tekhn. red.

[Chronic poisoning with tetraethyllead] Khronicheskoe otravlenie tetraetilsvintsom. Leningrad, Medgiz, 1963. 98 p. (MIRA 16:4)

(LEAD POISONING)

BOGDANOV, N.A.; YERMAKOV, Ye.V.; IMANGULOV, R.G.; LIKHUSHIN, Y.P.; SHELYAPIN, N.N.; STESHENKO, V F., red.

[Pathology, clinical aspects, and treatment in lesions from toxic chemical agents and radioactive substances] Patologiia, klinika i terapiia pri porazheniiakh OV i RV. Leningrad, Meditsina, 1964. 188 p. (MIRA 18:2)

PILLE, E.R.; YERMAKOVA, Ye.Ya.; ZUYEVA, Yu.N.; NADAYCHIK, L.V.

Study of viruses isolated from monkeys. Vop. virus. 6 no.6:704-710 N-D '61. (MIRA 15:2)

1. Moskovskiy nauchno-issledovatel'skiy institut virusnykh preparatov.
(VIRUSES) (MONKEYS)

S/122/62/000/011/001/001
D262/D308

AUTHOR: Yermakov, Yu.A., Engineer

TITLE: The threading of parts made of pre-hardened steels

PERIODICAL: Vestnik mashinostroyeniya, no. 11, 1962, 57-60

TEXT: A detailed description is given of experiments conducted to establish the geometrical parameters of the working parts of the cutters and optimal speeds of cutting and feeding for threading of hardened steels of 35 - 64 HRC. Threading tools used in the experiments were fitted with cutting blades made of various hard alloys (tungsten carbide). Conclusions: 1) The wear changes during the cutting process; there are 3 periods: 1st - intensive wear of the rear face (to 0.1 - 0.15 mm), 2nd - less intensive and almost constant rate of wear, 3rd - very intense rate of wear. 2) The degree of finish of the thread sides depends little on the cutter wear and operating conditions. 3) The lowest wear is obtained for front angle $\gamma = -10^{\circ}$ for hardness of 64 HRC and $\gamma = -5^{\circ}$ for hardnesses of 45 and 57 HRC, and for clearance angle $\alpha = 6^{\circ}$ for all

Card 1/2

The threading of parts ...

hardnesses. 4) With increasing hardness of the worked metal the permissible feed decreases. 5) The effect of the cutting speed on the cutter wear is more pronounced for harder steels (57 - 64 HRC) than for less hard steels (35 - 45 HRC). There are 2 figures and 4 tables.

YERMAKOV, Yu.G. [IErmakov, IU.H.]

Angular unconformity between the Middle and Upper Sarmatian in Privol'noye, Bashtanka District. Geol. zhur. 24 no.4:109-110 '64. (MIRA 18:2)

1. Dnepropetrovskaya kompleksnaya geologorazvedochnaya ekspeditsiya.

YERMAKOV, Yu.G. [IErmakov, IU.H.]

Erosive-tectonic scarp in the northern part of the Black Sea region. Geol. zhur. 25 no.2:103-104 '65. (MIRA 18:6)

1. Dnepropetrovskaya kompleksnaya geologorazvedochnaya ekspeditsiya.

YERMAKOV, Yu.G.

Aptian and Albian troughs in the Sivash and Karkinit region in the southern margin of the Russian Platform. Dokl. AN SSSR 165 no.3:640-642 N '65. (MIRA 18:11)

1. Dnepropetrovskaya kompleksnaya geologorazvedochnaya ekspeditsiya tresta "Dneprogeologiya". Submitted June 4, 1965.

20-118-6-5/43

AUTHOR: Yermakov, Yu.I.

TITLE: Three-Dimensional [redacted] Space With a Cubic Semimetric (Trekhmernoye prostranstvo s kubicheskoy polumetrikoy)

PERIODICAL: Doklady Akademii Nauk, 1958, Vol 118, Nr 6, pp 1070-1073 (USSR)

ABSTRACT: The author considers threedimensional Finsler spaces $F_3^{(3)}$ with the metric

$$ds^3 = a_{\alpha\beta\gamma}\, dx^\alpha dx^\beta dx^\gamma \qquad (\alpha, \beta, \gamma, \ldots, \omega = 1,2,3)$$

and a non-vanishing determinant. He constructs a connection in the $F_3^{(3)}$ being invariant with respect to a conformal transformation of the metric; necessary and sufficient conditions that $F_3^{(3)}$ is conformally plane are given. Further some properties of a space X_3 with a given field of the pseudotensor are investigated. A result due to Tonooka [Ref 2] is formulated somewhat more exact.
There are 4 references, 2 of which are Soviet, 1 American, 1 Dutch.

Card 1/2

Three-dimensional Space With a Cubic Semimetric 20-118-6-5/43

ASSOCIATION: Saratovskiy gosudarstvennyy universitet imeni N.G.Chernyshevskogo (Saratov State University imeni N.G.Chernyshevskiy)

PRESENTED: September 13, 1957, by I.G.Petrovskiy, Academician

SUBMITTED: December 28, 1956

Card 2/2

5(3) SOV/62-59-7-38/38

AUTHORS: Kagan, Yu. B., Bashkirov, A. N., Kliger, G. A., Yermakov, Yu. I.

TITLE: Transformation of n-Butyl Amine Under Synthesis Conditions From Carbon Oxide and Hydrogen (Prevrashcheniye n.butilamina v usloviyakh sinteza iz okisi ugleroda i vodoroda)

PERIODICAL: Izvestiya Akademii nauk SSSR. Otdeleniye khimicheskikh nauk, 1959, Nr 7, pp 1345 - 1346 (USSR)

ABSTRACT: It had been found in previous investigations that when synthesizing n-butyl amine from CO, H_2 and NH_3 in the presence of iron catalysts, di- and trialkyls are formed in addition to monoalkyl amines. Moreover, the formation of the di- and trialkyls was found to be dependent in the course of reaction by the facilitated reacting possibility of primary amines with oxygen-containing products from the hydrogenation of the carbon oxide (alcohols, aldehydes, etc). The conclusion was drawn therefrom that the secondary and tertiary amines may be obtained from CO, H_2, and the primary amine, here n-butyl amine. This conclusion is submitted to examination in the

Card 1/3

present paper. The synthesis conditions were the same as in references 1 and 2. A molten iron catalyst was also used in the investigation. The amines obtained were potentiometrically titrated. The following was investigated in the course of synthesis: the influence exerted by the amine addition rate upon the catalyst, by temperature, pressure, and the ratio CO/H in the initial mixture on the yield and the products of the synthesis. The data obtained are specified in the table. It may be observed from the latter that secondary and tertiary amines may be actually obtained in the manner described, and that, by changing the conditions, the reaction may be directed to the production of either secondary or tertiary amines. Increase in the concentration of n-butyl amine and temperature leads to the predominant formation of secondary amine, dilution of hydrogen, low temperature, and slow addition of n-butyl amine on the catalyst for the formation of tertiary amine. Rising pressure increases the formation of the two amines. At 80-150° the largest percentage yield of secondary and tertiary amines is obtained (45%). The additionally obtained primary amine (50%) is caused by disproportionation. There are 1

Transformation of n-Butyl Amine Under Synthesis Conditions From Carbon Oxide and Hydrogen

SOV/62-59-7-34/38

table and 10 references, 7 of which are Soviet.

ASSOCIATION: Institut nefti Akademii nauk SSSR (Institute of Petroleum of the Academy of Sciences, USSR)

SUBMITTED: January 19, 1959

Card 3/3

SOV/20-128-3-7/5?

16(1)

AUTHOR: Yermakov, Yu.I.

TITLE: K_n Spaces With an Algebraic Metric and Semimetric

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 128, Nr 3, pp 460-463 (USSR)

ABSTRACT: In n-dimensional Finsler spaces $F_n^{(q)}$ the author defines in the case $n \geqslant 2$, $q > 3$ a symmetric linear affine connection in a way deviating from Cramlet / Ref 7 (simpler). He determines complete systems of differential and conformal differential commitants. The author gives necessary and sufficient conditions that $F_n^{(q)}$ be plane or conformally plane. All together there are five theorems without proof. The author mentions A.Ye.Liber. There are 7 references, 4 of which are Soviet, 1 German, 1 American, and 1 Japanese.

ASSOCIATION: Saratovskiy gosudarstvennyy universitet imeni N.G.Chernyshevskogo (Saratov State University imeni N.G.Chernyshevskiy)

PRESENTED: May 25, 1959, by I.G.Petrovskiy, Academician

SUBMITTED: May 22, 1959

Card 1/1

YERMAKOV, Yu. I., CAND PHYS MATH SCI, "GEOMETRY OF SPACES X_5 WITH ALGEBRAIC METRICS OR SEMIMETRICS." SARATOV, 1960. (MIN OF HIGHER AND SEC SPEC ED RSFSR. KAZAN' ORDER OF LABOR RED BANNER STATE UNIV IM V. I. UL'YANOV-LENIN). (KL, 2-61, 198).

S/020/62/143/005/014/018
B101/B110

AUTHORS: Yermakov, Yu. I., Boreskov, G. K., Corresponding Member AS USSR, Dzis'ko, V. A., and Ivanova, L. I.

TITLE: Low-temperature polymerization of ethylene on chromium oxide catalyst

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 143, no. 5, 1962, 1139-1141

TEXT: The polymerization of ethylene at 75°C, i.e., below the m.p. of the polymer, on a chromium oxide catalyst, whose preparation has been described earlier (DAN, 136, no. 1, 125 (1961)), is discussed. The experiments were made with high-purity C_2H_4 (1-2 ppm O_2, 3 ppm H_2O) in purified n-heptane at constant pressure (5-15 atm). The following results were obtained (Fig. 1): (1) an induction period was observed (30-150 min), which was shorter at higher pressure and higher concentration of the catalyst; (2) after the induction period the reaction rate remained constant for a long time (at low catalyst concentration up to

Card 1/3

Low-temperature polymerization ...

20 hrs); (3) the polymer consisted of 0.2 to 3 mm large granulae; (4) the initial grains of the catalyst had a size of 0.5 to 1 mm. Catalyst particles of 1-10 μ were found on the surface (not in the bulk) of the polymer grains; (5) a threshold concentration of the catalyst exists below which there is no polymerization. Hence no polymerization occurred with 0.0274% catalyst in the solvent, and a slight polymerization with 0.0325%; (6) the activity, A, of the catalyst, depends on the pressure, P; $A = aP^n$ (a,n = constants). At < 9 atm, $n \sim 2$, at 11-15 atm, $n \sim 3$; (7) the molecular weight, MW, is independent of the catalyst concentration, but depends on P: at 9 atm, the MW was 110,000-125,000, at 15 atm, the MW was 400,000-600,000; (8) a maximum yield (1800 g polyethylene per g catalyst) was obtained at 15 atm and 0.0520% catalyst concentration. There are 4 figures and 1 table.

ASSOCIATION: Fiziko-khimicheskiy institut im. L. Ya. Karpova
(Physicochemical Institute imeni L. Ya. Karpov)

SUBMITTED: January 11, 1962

S/020/62/143/005/014/018
B101/B110

Low-temperature polymerization ...

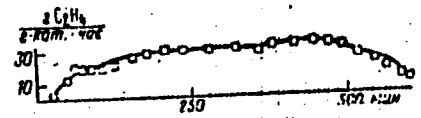

Fig. 1: kinetic curve of C_2H_4 polymerization at 9 atm, 75°C, catalyst concentration 0.336%. Legend: abscissa time, min; ordinate g C_2H_4/g catalyst·hr.

Card 3/3

YERMAKOV, Yu.I.; BORESKOV, G.K.; DZIS'KO, V.A.; IVANOVA, L.I.; TRIFONOV, A.S.

Polymerization of ethylene on a chromia catalyst without a solvent. Khim.prom. no.7:496-498 Jl '63. (MIRA 16:9)

L 8493-66 EWT(m)/EWP(j)/T RM

ACC NR: AP5026476 SOURCE CODE: UR/0195/65/006/005/0889/0896

AUTHOR: Yermakov, Yu. I.; Ivanov, L.P.

ORG: Physiochemical Institute im. L. Ya. Karpov (Fiziko-khimicheskiy institut); Institute of Catalysis, SO AN SSSR (Institut kataliza SO AN SSSR)

TITLE: Study of the polymerization kinetics of ethylene on a chromium trioxide catalyst under conditions of formation of a crystalline polymer

SOURCE: Kinetika i kataliz, v. 6, no. 5, 1965, 889-896

TOPIC TAGS: chromium oxide, polymerization kinetics, ethylene

ABSTRACT: The study deals with the polymerization kinetics of ethylene on a chromium trioxide catalyst in cyclohexane at temperatures below 90C, i.e., in a suspension. The dependence of the polymerization rate on time is characterized by a distinct induction period in the course of which the polymerization rate changes from zero to a stationary

and varies as almost the square of the catalytic concentration. The [illegible]

Card 1/2 UDC 541.124:542.952.6:547.313.2

The mathematical treatment [illegible] with the aid of computers on the basis of the experimental [illegible]
Orig. art. has: 5 figures and 4 formulas.

SUB CODE: 07 / SUB DATE: 18Jul64 / ORIG REF: 018 / OTH REF: 004

BVK
Card 2/2

L 8495-66 EWT(m)/EWP(j)/T/EWP(t)/EWP(b) IJP(c) JD/RM

ACC NR: AP5026478 SOURCE CODE: UR/0136/65/006/005/0909/0915

AUTHOR: Yermakov, Yu. I.; Boreskov, G. K.; Slin'ko, M. G.; Skomorokhov, V. B.

ORG: Institute of Catalysis, SO AN SSSR (Institut kataliza SO AN SSSR)

TITLE: Kinetics and mathematical modeling of the process of suspension polymerization of ethylene on a chromium trioxide catalyst

SOURCE: Kinetika i kataliz, v. 6, no. 5, 1965, 909-915

TOPIC TAGS: polymerization rate, ethylene, mathematic model, chromium oxide

ABSTRACT: The kinetic relationships obtained by studying the suspension polymerization of ethylene on a chromium trioxide catalyst are considered mathematically. The process was simulated on an MN-14 analog computer. The experimental curves of the polymerization rate versus catalyst concentration and ethylene pressure are compared with the curves obtained by the computer, and it is shown that the mathematical description correctly expresses the relationships found experimentally. The proposed mathematical

industrial application of the process of suspension polymerization. [illegible]
4 figures and 14 formulas.

UDC 541.124:542.952.6:547.313.2

Card 1/2

YERMAKOV, Yu.I.

Invariant equipment of certain surfaces of a special type in projective space. Dokl. AN SSSR 162 no.6:1234-1237 Je '65. (MIRA 18:7)

1. Saratovskiy gosudarstvennyy universitet im. N.G.Chernyshevskogo. Submitted December 10, 1964.

KOVALEVSKIY, I.I., kand. tekhn. nauk; YERMAKOV, Yu.M., ; MERINOV, N.A.; FROLOVA, V.A.; CHIZHIKOVA, L.I.; NINENYAGI, D.K., red. izd-va; SHER[illegible]EVA, N.V., tekhn. red.

[Album of heating furnaces and stoves]Al'bom otopitel'nykh i bytovykh pechei. Moskva, Gosstroiizdat. Pt.2. [Stoves for heating and cooking]Pechi otopitel'no-varochnye. 1962. 88 p. (MIRA 16:1)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut po stroitel'stvu, Rostov-on-Don. 2. Rukovoditel' laboratorii otopleniya i ventilyatsii Nauchno-issledovatel'skogo instituta po stroitel'stvu, Rostov-on-Don (for Kovalevskiy). 3. Nauchno-issledovatel'skiy institut sanitarnoy tekhniki Akademii stroitel'stva i arkhitektury SSSR (for Yermakov, Merinov, Frolova, Chizhikova). (Stoves) (Furnaces, Heating)

EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(l)
ACC NR: AP6029952 (A, N) SOURCE CODE: UR/0413/66/000/015/0129/0130

INVENTORS: Zagorodnikov, A. Ya.; Chernyanskiy, P. M.; Yermakov, Yu. M.; Zamchalov, Yu. P.; Shaumyan, G. A.

ORG: none

TITLE: A method for taking a finish cut in producing bodies of revolution. Class 49, No. 184580 [announced by Moscow Higher Technical School of the Order of Lenin and the Order of the Workers' Red Banner imeni N. E. Bauman (Moskovskoye ordena Lenina i ordena Trudovogo Krasnogo Znameni vysshaye tekhnicheskoye uchilishche)]

SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 129-130

TOPIC TAGS: metalworking, metalworking machine accessory, machine tool, metal cutting machine tool, body of revolution

ABSTRACT: This Author Certificate presents a method for taking a finish cut in producing bodies of revolution being simultaneously turned (see Fig. 1). To increase the efficiency and to improve the quality of surface, the finish cut is taken with a tool bit fed in the radial and the tangential directions in respect to the product. The tool bit is provided with two cutting blades, one of which is held at an angle to the axis of the product and is fed gradually into the contact with the product at the removal zone of the outer layer. The other blade is held parallel to the axis

Card 1/2 UDC: 621.941.1:08

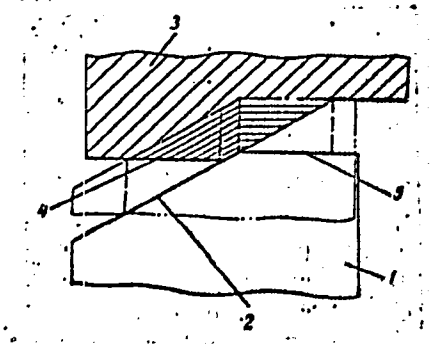

Fig. 1. 1 - tool bit; 2 - first cutting blade; 3 - product; 4 - zone of outer layer removal; 5 - second cutting blade

of the product and is ground to fit that region of the body of revolution which is being cut by this blade. It is this second blade which produces the finish cut on the product. Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 17Oct64

YERMAKOV, Yu. Ye.

YERMAKOV, Yu.Ye., inzhener.

Continuous valveless system for central heating. Gor.khoz.Mosk. 25 no.6:27-29 Je '51. (MLRA 10:9)
(Heating from central stations)

YERMAKOV, Yu. Ye.

Heating from Central Stations

Organizing a central heating system for a large apartment house block. Gor.khoz. Mosk. 26 no. 2, 1952.

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

YERMAKOV, Yu. Ye.

Moscow - Hotels, Taverns, etc.

Sanitary and service equipment of the Hotel "Sovetskaia." Gor. khoz. Mosk. 26 No.4, 1952

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

YERMAKOV, Yu.Ye.

Ventilation of apartments in standard-plan apartment houses. Ved.i san. tekh. no.12:18-23 D '56. (MLRA 10:3)
(Ventilation) (Apartment houses--Heating and ventilation)

YERMAKOV, Yu.Ye.

New design of multiloop safety devices for low-pressure steam boilers. Vod. i san. tekh. no.6:10-13 Je '58. (MIRA 11:5)
(Boilers)

ACCESSION NR: AP4032508 S/0080/64/037/004/0922/0925

AUTHORS: Yarmakova, A.; Morozov, N. G.

TITLE: Absorption method of separating methylchlorosilane and collecting the unreacted methyl chloride in the direct synthesis process

SOURCE: Zhurnal prikladnoy khimii, v. 37, no. 4, 1964, 922-925

TOPIC TAGS: methylchlorosilane, direct synthesis, methyl chloride absorption, chlorobenzene absorbent, alkylchlorosilane synthesis, liquid gas phase equilibrium, nitrogen methylchloride chlorobenzene system nitrogen ethylchloride chlorobenzene system, nitrogen methyldichlorosilane chlorobenzene system, nitrogen dimethyldichlorosilane chlorobenzene system. Raoult's law, heat of solution

ABSTRACT: The solubility of methyl chloride, ethyl chloride and methylchlorosilane in chlorobenzene was determined in order to provide data for the direct synthesis process for alkylchlorosilanes in which the unreacted alkyl chlorides are collected in chlorobenzene. The liquid-gas phase equilibria of the following systems were in-

Card 1/2

ACCESSION NR: AP4032508

vestigated at atmospheric pressure: nitrogen-methylchloride-chlorobenzene (at 0, 5, 10, 20 and 30C), nitrogen-ethyl chloride-chlorobenzene (at 10, 20 and 30C), nitrogen-methyldichlorosilane-chlorobenzene (at 20, 30C), and nitrogen-dimethyldichlorosilane-chlorobenzene (at 10, 20C). The solubility of methyl chloride and ethyl chloride in chlorobenzene is subject to Raoult's law. The solubility of the investigated chlorosilanes in chlorobenzene is significantly lower than in ideal solvents. The solubility in all the systems investigated decreased with increase in temperature. The heat of solution (kcal/kg) was calculated: methyl chloride 120; ethyl chloride 98.1; methyldichlorosilane 95.6; dimethyldichlorosilane 72. Thus the absorption of all these compounds in chlorobenzene is accompanied by evolution of large amounts of heat. Orig. art. has: 3 tables, 5 equations and 4 figures.

ASSOCIATION: None

SUBMITTED: 08Jun62 ENCL: 00

SUB CODE: OC NR REF SOV: 006 OTHER: 001

Card 2/2

L'VOV, S.V.; SERAFIMOV, L.A.; YERMAKOVA, A.

Method of investigating phase relations in the process of absorption of a multicomponent mixture. Khim. prom. no.5:364-367 My '64. (MIRA 17:9)

L 1703-66 EWT(m)/EPF(c) RM

ACCESSION NR: AP5020957 UR/0204/65/005/004/0583/0588

AUTHOR: Mashkina, A. V.; Yermakova, A.; Savostin, Yu. A.

TITLE: Process for production of sulfolane (hydrogenation of sulfolene)

SOURCE: Neftekhimiya, v. 5, no. 4, 1965, 583-588

TOPIC TAGS: hydrogenation, organic sulfur compound, hydrogen, catalysis, nickel compound, chromium compound

ABSTRACT: Experiments on the hydrogenation of sulfolene to sulfolane were carried out in a flow unit at 35C over a catalyst with a grain size from 1.5 to 2.5 mm, at a hydrogen feed rate of 8 liters/hour, and at different pressures and concentrations of the sulfolene in the sulfolane. It was found that at a pressure of 1 atm and at low concentrations of sulfolene (up to approximately 10 wt %) the reaction rate is described by an equation of the first order. With further increase in the concentration, the reaction rate at 1 atm pressure is described by an equation of zero order. At 6 atm, at all concentrations studied, the reaction rate is first order. The average value of the reaction rate constant is 1.5 kg/kg-hr. At

Card 1/2

L 3703-66

ACCESSION NR: AP5020957

sulfolene concentrations in the solution greater than 10 wt % and at pressures less than 6 atm, the reaction rate is determined by the rate of hydrogen feed to the outer surface of the catalyst. At pressures greater than 10 atm, the pressure had no effect on the reaction rate and the latter was a linear function of the amount of catalyst. It was concluded that the following parameters are suitable for an industrial unit: pressure 5-20 atm; temperature 35C; solvent, sulfolane; concentration of sulfolene in the starting solution 10 wt %; catalyst, nickel chromium; particle size of catal yst 4 x 5 mm. Orig. art. has: 7 formulas and 6 figures

ASSOCIATION: Institut kataliza, Sibirskoe otdelenie AN SSSR (Catalysis Institute, Siberian Branch AN SSSR)

SUBMITTED: 05Nov64 ENCL: 00 SUB CODE: GC

NR REF SOV: 005 OTHER: 000

Card 2/2

YERMAKOVA, A.; KVASHA, V.B.; SERAFIMOV, L.A.; LVOV, S.V.

Investigating the dynamics of the absorption of alkyl chlorides and alkylchlorosilanes. Khim.prom. 41 no.4:18-22 Ap '65.
(MIRA 18:8)

YERMAKOVA A A

USSR/Cultivated Plants - Potatoes, Vegetables, Melons. M.

Abs Jour : Ref Zhur - Biol., No 10, 1958, 44109

Author : Grebinskiy, S.O., Yermakova, A.A., Rubanyuk, E.A., Bogdanovich, I.S.

Inst : L'vov University.

Title : The Effect of Fertilizers with Microelement Dressing on the Crop of Early Hothouse Vegetables and Their Vitamin C Content.

Orig Pub : Dopovidi ta povidomlennya. L'vivs'k. un-t, 1957, vyp. 7, ch. 3, 133-138.

Abstract : No abstract.

Card 1/1

GREBINSKIY, S.O.; YERMAKOVA, A.A.; POPOVICH, I.V.; KUBANYUK, Ye.A.

Effect of fertilizers on the amount of vitamins B_1, B_2, B_6, and ascorbic acid in leafy vegetables. Nauch. dokl. vys. shkoly; biol. nauki no.2:130-133 '58. (MIRA 11:10)

1. Predstavlena kafedroy fiziologii rasteniy L'vovskogo gosudarstvennogo universiteta imeni Ivana Franko.
(Vegetables) (Vitamins) (Fertilizers and manures)

PIK, I.Sh.; YERMAKOVA, A.I.

Relation of the mechanical characteristics of molding materials to tablet form. Khim.prom. no.8:484-485 D '55. (MLRA 9:5)

1. Karacharovskiy zavod plastmass.
(Plastics--Testing)

YERMAKOVA, A.I.

Category: USSR/Analytical Chemistry - Analysis of organic substances. G-3

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 31092

Author : Tikhomirova G. P., Shkodin A.M., Yermakova, A. I.
Inst : not given
Title : Polarographic Determination of Riboflavin.

Orig Pub: Ukr. khim. zh., 1956, 22, No 5, 687-690

Abstract: A method has been worked out for the polargraphic determination of riboflavin (vitamin B_2) in mono- and polyvitamin preparations. 0.25 g of comminuted average sample of monovitamin (or 4 g of the polyvitamin-) preparation are dissolved in 25 ml of background electrolyte (Kohlthoff buffer solution of pH 8.6) and subjected to polarographic determination with galvanometer sensitivity of S = 1/50 and rheochord potential of 1 v. Also polarographed are 9 ml of the solution under study in admixture with 1 ml of standard solution (of pure crystalline vitamin B_2); calculation of the vitamin B_2 content of the sample is effected by the method of addition.

Card : 1/1

YERMAKOVA, A.I.

SHKODIN, A.M.; TIKHOMIROVA, G.P.; YERMAKOVA, A.I.

Potentiometric method for the determination of sulfuric acid in malic and fumaric acids. Khleb. i kond. prom. 1 no.9:16-18 S '57. (MIRA 10:11)

1. Ukrainskiy nauchno-issledovatel'skiy institut pishchevoy promyshlennosti.

(Sulfuric acid--Analysis) (Malic acid--Analysis)
(Fumaric acid--Analysis)

TIKHOMIROVA, G.P.; YERMAKOVA, A.I.

Polarographic method for the determination of nicotinic acid in a monovitamin dragée. Vop.pit. 19 no.1:61-63 Ja-F '60.
(MIRA 13:5)

1. Iz laboratorii fizicheskoy khimii (zav. - kand.khim.nauk A.M. Shkodin) Ukrainskogo nauchno-issledovatel'skogo instituta pishchevoy promyshlennosti, Khar'kov.
(NICOTINIC ACID chemistry)

YERMAKOVA, I. A.; MIKHEYEV, G. D.

Nutritive value of basic grazing crops of the Turkmen S.S.S.R. Izv. AN Turk.SSSR. Ser. biol.nauk no. 6:3-14 '63. (MIRA 17:5)

1. Turkmenskiy nauchno-issledovatel'skiy institut zhivotnovodstva i veterinarii.

BOROVSKIY, G.F. [deceased]; ZINOV'YEV, G.A. [deceased]; YERMAKOVA, I.A.; NECHAYEVA, N.T.

Nutritive value of wormwood pastures in northwestern Turkmenistan. Trudy Inst. bot. AN Turk. SSR 7:40-60 '62. (MIRA 17:3)

YERMAKOVA, A.M.

Effect of the shape of the ballistic pulse of the current on measurement precision of magnetic properties in ferromagnetic materials. Trudy VNIIM no.10:71-88 '52. (MIRA 11:6)
(Ferromagnetism--Measurement)

YERMAKOVA, Anna Mikhaylovna; DEMINA, Mariya Leonidovna; BLINDER, Ye.N., redaktor; SUKHODOLOV, S.T., tekhnicheskiy redaktor

[Planning labor and wages in cooperative trade artels] Planirovanie truda i zarabotnoi platy v arteliakh promyslovoi kooperatsii. Moskva, Vses. koop. izd-vo, 1956. 90 p. (MIRA 10:4)
(Wages) (Industrial management)

1. YERMAKOVA, A. (P.)

2. USSR (600)

4. Potatoes

7. High yield of potatoes, Kolkh. proizv. 13, No. 2, 1953.

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

YEMAKOVA, A.P.

Kak my vyrashchivaem vysokie urozhai kartofelia (How we obtain high potato yields). Moskva, Selkhozigiz, 1954. 16 p.

SO: Monthly List of Russian Accessions, Vol 7, No 9, Dec 1954

YEREMKOVA, Agafya Petrovna, geroy Sotsialisticheskogo Truda; POLYAKOVA, V., redaktor; YAKOVLEVA, Ye., tekhnicheskiy redaktor

[How we attained skill; experience of potato growers on the "Borodino" Collective Farm] Kak my dobilis' masterstva; opyt svena kartofelevodov kolkhoza "Borodino." [Moskva] Moskovskii rabochii, 1956. 38 p. (MLRA 9:12)
(Potatoes)

PASHAYEV, A.G.; YERMAKOVA, A.S.

Safety problems in the construction and use of gas compressor stations of oil and gas refineries. Trudy VNIITB no.11:78-85 '59. (MIRA 15:5)

(Compressors--Safety measures)

KABANOV, V.I., inzh.; YERMAKOVA, A.S., inzh.; BAYTUGANTI, Ye.G., inzh.; BERTUL'SON, Ye.A., inzh.

Attachments to pumping jacks. Bezop.truda v prom. 4 no.4:24-25 Ap '60. (MIRA 13:9)

(Oil wells--Equipment and supplies)

SHILKO, N.A., dotsent; YERMAKOVA, A.V., ordinator

Comparative evaluation of injuries in children and mother from the application of forceps by the TSov'ianov method and by the usual method. Akush.i gin. no.6:16-19 '60. (MIRA 14:1)

1. Iz kafedry akusherstva i ginekologii (zav. - dotsent N.A. Shilko) pediatricheskogo fakul'teta Krymskogo meditsinskogo instituta.

(LABOR, COMPLICATED) (BIRTH INJURIES)

YERMAKOVA, A.Ya.; TIMOSHENKO, L.V.

Effect of the vacuum extractor on the mother and infant. Akush. i gin. no.1:65-70 '65. (MIRA 18:10)

1. Kafedra akusherstva i ginekologii (zav.- doktor med. nauk L.V. Timoshenko) Lechebnogo fakul'teta L'vovskogo meditsinskogo instituta.

SOV/137-58-9-18736

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 9, p 84 (USSR)

AUTHORS: Ponomarev, V.D., Yermakova, B.A.

TITLE: Leaching Alumina From Alunite Ore by Sodium Sulfide Solutions (Vyshchelachivaniye glinozema iz alunitovoy rudy rastvorami sernistogo natriya)

PERIODICAL: Izv. AN KazSSR. Ser. gorn. dela, metallurgii, str-va i stroymaterialov, 1957, Nr 5 (16), pp 69-79

ABSTRACT: In leaching alunite solutions with Na_2S, the extraction of Al_2O_3 in solution rises with the strength of the Na_2S solution. The optimum conditions for the leaching process are the following: 400 g Na_2S/liter; sulfide factor 4.5; process time 1 hr; temperature 100°C; grinding to 140 mesh. Under these conditions, 90% of the Al_2O_3 is extracted in the solution, and its concentration therein is 110 g/liter. The major impurities in alunite rock (Fe and Si) do not go into solution.

G.S.

1. Ores--Processing 2. Aluminum oxide--Separation

Card 1/1

YERMAKOVA, F.B. (Leningrad)

Pathological anatomy of leukemias. Arkh.pat. 21 no.1:44-49 '59.
(MIRA 12:1)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. M.A. Zakhar'yevskaya) I Leningradskogo meditsinskogo instituta imeni I.P. Pavlova.

(LEUKEMIA, pathology,
(Rus))

YERMAKOVA, V.B. (Leningrad)

Pulmonary changes in leukemia. Arkh.pat. 21 no.5:35-41 '59.
(MIRA 12:12)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. M.A. Zakhar'-yevskaya) I Leningradskogo meditsinskogo instituta im. akad. I.P. Pavlova).

(LEUKEMIA, pathol.
lungs (Rus))
(LUNGS, pathol.
in leukemia (Rus))

YERMAKOVA, F.B., kand.med.nauk

Peculiar course of leucosis. Vrach.delo no.10:101 O '60. (MIRA 13:11)

1. Kafedra patologicheskoy anatomii (Zav. - prof. M.A.Zakhar'yevskaya) Pervogo Leningradskogo meditsinskogo instituta.
(LEUKEMIA)

YERMAKOVA, F.B. (Leningrad, Lesnoy pr., 65/5, kv.78)

Age-related changes in the hemopoietic organs in mice. Arkh. anat. gist. i embr. 38 no. 5:56-59 My '60. (MIRA 14:2)

1. Kafedra patologicheskoy anatomii (zav. - prof. M.A. Zakhar'yevskaya) 1-go Leningradskogo meditsinskogo instituta im. akad. I.P. Pavlova.

(HEMATOPOIETIC SYSTEM) (AGING)

YERMAKOVA, F.B.

Adenomatosis of the lungs. Arkh.pat. 22 no.9:62-66 '60.
(MIRA 13:12)

(LUNGS--TUMORS)

YERMAKOVA, F. B. (Leningrad)

Morphogenesis of leukemic cells in the focus of transplantable leukemia in mice. Arkh. pat. no.6:10-16 '61. (MIRA 14:12)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. M. A. Zakhar'yevskaya) I Leningradskogo meditsinskogo instituta.

(LEUKEMIA)

YERMAKOVA, E.P.

Significance of the lymphoid apparatus of the bronchial tree in the development of leukemic foci in the lungs in transplanted leukemia in mice. Biul. eksp. biol. i med. 55 no.2: 87-91 F'63. (MIRA 16:6)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. M.A. Zakhar'yevskaya) I Leningradskogo meditsinskogo instituta imeni I.P.Pavlova. Predstavlena deystvitel'nym chlenom AMN SSSR N.N.Anichkovym.
(LEUKEMIA) (LUNGS--DISEASES) (LYMPHATICS)

YERMAKOVA, G.A.; SHTERN, M.A.; GORELIK, G.N.

Effect of the physical characteristics of white pigments and fillers on the properties of paint films. Lakokras. mat. i ikh. prim. no.4:70-84 '61. (MIRA 16:7)

(United States--Pigments)
(United States--Fillers(In paper, paint, etc.)

Z/011/61/018/011/002/004
E112/E553

AUTHORS: Rassudova, N.S., Yermakova, G.A. and Istomina, V.A.

TITLE: Recovery of titanium dioxide (rutile) from concentrated solutions of titanium sulphate by the addition of various additives prior to hydrolysis. I.

PERIODICAL: Chemie a chemická technologie; Přehled technické a hospodářské literatury, v 18, no 11, 1961 513 abstract Ch61-7085 (Lakokrasochnyye materialy, no 1 1961, 30-33)

TEXT: Titanium dioxide (rutile) was prepared from concentrated solutions of titanium sulphate in the presence of additives such as zinc chloride, formic acid, titanium tetrachloride etc. Additions ranged from 1 to 3%. The resulting titanium dioxide consisted of 99% rutile.
1 figure, 6 tables, 9 references.

[Abstractor's Note: Complete translation]

Card 1/1

S/081/61/000/022/071/076
B144/B138

AUTHORS: Rassudova, N. S., Yermakova, G. A., Istomina, V. N.

TITLE: Synthesis of titanium dioxide of the rutile modification from concentrated titanium sulfate solutions by injecting certain additions before hydrolysis

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 22, 1961, 473, abstract 22P194 (Lakokrasochn. materialy i ikh primeneniye, no. 1, 1961, 30-33)

TEXT: Titanium dioxide of the rutile modification was obtained from concentrated titanium sulfate solutions by adding 1-3% zinc oxide, aluminum hydroxide, TiO_2 (rutile) hydrochloric acid or its salt with the oxides enumerated, magnesium chloride, formic and acetic acids, and of a number of other compounds, to the prehydrolysis solution before adding the usual nuclei. This method means that titanium dioxide can be obtained without further cations and with up to 99.0% TiO_2 content. As to weather resistance, moisture content, photochemical activity, and basic coloring properties, the TiO_2 samples obtained in this way are in no way inferior to TiO_2 of the

Card 1/2

Synthesis of titanium dioxide ... S/081/61/000/022/071/076
B144/B138

rutile modification obtained by calcination of anatase-type metatitanic acid with zinc oxide. 9 references. [Abstracter's note: Complete translation.]

Card 2/2

BELYAVSKIY, V.Ye.; [illegible]KOVA, G.A.

Equipment for fine purification of paint materials and semiprocessed products; brief review of foreign literature. [illegible] prim. no.3:82-89 '63. (MIRA 16:9)
(Filters and filtration) (Paint industry—Equipment and supplies)

YERMAKOVA, G.F.

KURAYTIS, S. A., KHOKHLOV, I. A., YERMAKOVA, G. F.

Hides and Skins

Practical method of processing badger hides, Leg. prom. 12 No. 4, 1952

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

YERMAKOVA, G.G.

Materials for the study of the hydatidiform mole. Akush.i gin. no.5:81-86 '61. (MIRA 15:1)

1. Iz Nauchno-issledovatel'skogo instituta akusherstva i ginekologii (dir. - prof. O.V. Makeyeva).
(MOLE (DERMATOLOGY))

YERMAKOVA, G. P. and KUZNETSOV, V. V. (Perm State University A. M. Gorkiy)

"Investigation of hydrogenation of metals during electrolysis by method of measurement of electric resistance".

Report presented at the Intervuz Conference on Electrodeposition of Nonferrous Metals, Ural Polytechnical Institute im. S. M. Kirov, Sverdlovsk, held from 27-30 May 1963

(Reported in Tsvetnyye Metally, No. 10, 1963, pp. 82-84)
JPRS 24,651 19 May 1964

YERMAKOVA, I.A.

YERMAKOVA, I.A. "The Biology and Ecology of Honey Plants of the Kungur Ural Piedmont." Min Higher Education USSR. Molotov State U imeni A.M. Gor'kiy. Moscow, 1956. (Dissertation for the Degree of Candidate in Biological Science)

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

USSR / Cultivated Plants. Commercial. Oil-Bearing. M-5
Sugar-Bearing.

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25194

Author : Yermakova, I. A.
Inst : Not given
Title : Echium vulgare L.

Orig Pub: Pchelovodstvo, 1957, No 7, 46-47

Abstract: In Kungurskoye Predural'ye, where one ordinarily sees growing naturally during the time from June to August the Echium vulgare L. as a biennial, this plant appears as a highly productive source of nectar. Its nectar productivity in 1954 amounted to 500 kg. per 1 ha. of planting. It occupied about 10 ha. of buckwheat. The Echium vulgare L. may be a prospective crop for nectar-bearing on the flinty low-yielding carbonate soils

Card 1/2 134

USSR / Cultivated Plants. Commercial. Oil-Bearing. M-5
Sugar-Bearing.

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25194

Abstract: of the slopes and high ridges in the rayons of South-East and Southern Predural'ye. -- A. M. Smirnov

Card 2/2

YERMAKOVA, I. A.

"The Nutritional Value of Pasture Fodders of the Chernozem Soils in Wintertime and Their Utilization." Cand Agr Sci, All-Union Sci Res Inst of Fodders, Moscow, 1953. (RZhBiol, No 3, Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

So: Sum. No. 481, 5 May 55

YERMAKOVA, I. A.

USSR / Farm Animals. Small Horned Stock Q

Abs Jour: Ref Zhur-Biol., No 5, 1958, 21464

Author: Yermakova I. A.
Inst :
Title : Availability of Carotene to Sheep under Pasture Maintenance Conditions in the Kara-Kum Desert (Obespechenmost' ovets karotinom pri pastbishchnom soderzhanii v Kara-Kumakh)

Orig Pub: Izv. AN Turkm SSR, 1957, No 2, 119-122

Abstract: The sheep pasturing in the Kara-Kum Desert are not uniformly supplied with carotene throughout the year. In April, they get 222-223 mg.; in May, 144-160 mg.; in July, when seudek [?] and Chrosophora sabulosa develop, they obtain ~202 mg.; when these annuals are deficient - 5 mg.; finally, in the fall, they get but 2 to 5 mg. of carotene. Deficiency in carotene intake

Card 1/2

L 22354-66 EWT(l)
ACC NR: AP6013269 SOURCE CODE: UR/0413/66/000/008/0060/0060

INVENTOR: Yermakov, V. V.

ORG: none

TITLE: Method of recording the movements of a skier. Class 30, No. 180737

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 8, 1966, 60

TOPIC TAGS: radiotelemetry, biotelemetry

ABSTRACT: An Author Certificate has been issued for a method of recording the movements of a racing skier. This is accomplished by simultaneously recording the movements and taking motion pictures of the subject. To obtain objective data on the character and structure of the movements of a sportsman, the oscillograph of the radiotelemetric system selectively records movements synchronously with a motion picture camera. At a given moment, a synchronizing signal is transmitted by radio to the oscillograph monitor and to a screen monitor situated in the field of vision of the camera objective. This signal switches on electromagnetic devices. [CD]

SUB CODE: 06/ SUBM DATE: 22Feb65/ ATD PRESS: 4240

Card 1/1 UDC: 612-087 : 616-073.178

LYSENKO, A.Ya.; MYCHKO-MEGRIN, A.Yu.; BARKOV, V.N.; KASATSKIY, A.I.; FEDOROVA, S.P.; YERMAKOV, V.V.

Medicogeographical studies of Brazil. Vop geog. no.68:137-203 '65. (MIRA 18:12)

YERMAKOV, V.Ye.

Collaboration with institutes. Work of the Central Laboratory of the Moscow Small Automobile Factory. Zav.lab. 28 no.11:1390 '62. (MIRA 15:11)

1. Zamestitel' nachal'nika TSentral'noy zavodskoy laboratorii Moskovskogo zavoda malolitrazhnykh avtomobiley.
(Moscow--Automobile industry) (Engineering laboratories)

YERMAKOV, V. Ye.

YERMAKOV, V. Ye. -- "Foundations of the Organization of Forestry in the Protective Belts of the Central Course of the Dnepr." Min Higher Education USSR. Belorussian Forestry Engineering Inst imeni S. M. Kirov. Minsk, 1955. (Dissertation for the Degree of Candidate in Agricultural Sciences)

SO: Knizhnaya Letopis', No 1, 1956

YERMAKOV, V.Ye., kand. sel'skokhozyaystvennykh nauk

Organizing the management of protective forest belts. Shor. nauch.trud.BLTI no.10:174-180 '57. (MIRA 11:12)
(Forests and forestry) (Erosion)

YERMAKOV V. Ye

COUNTRY : USSR
CATEGORY : Forestry. Forest Management.

ABS. JOUR. : RZhBiol., No. 14 1959, No. 68199

AUTHOR : Yermakov, V. Ye.
INST. : Belorussian Forest Engineering Institute
TITLE : On the Problem of Organizing the Management in Forests of Protective Belts

ORIG. PUB. : Tr. nauchn. tr. Belorussk. lesotekhn. in-t, 1957, vyp. 10, 174-180
ABSTRACT : No abstract

CARD: 1/1

-25-

ZAKHAROV, V.K., prof.; TRUIL', O.A., kand.sel'skokhoz.nauk; MIROSHNIKOV, V.S., kand.sel'skokhoz.nauk; YERMAKOV, V.Ya., kand.sel'skokhoz. nauk; CHERNYAK, I., red.; STEPANOVA, N., tekhn.red.

[Timber valuation manual] Lesotaksatsionnyi spravochnik. Pod obshchei red. V.K.Zakharova. Minsk, Gos.izd-vo BSSR, 1959. (MIRA 13:4) 300 p.
(Forests and forestry--Valuation)

YERMAKOV, V.Ye.

Characteristics of the composition of naturally regenerated stands.
Sbor. bot. rab. Bel. otd. VBO no.2:189-192 '60. (MIRA 15:1)
(White Russia—Forests and forestry)

ZAKHAROV, Vasiliy Kirillovich,prof.; TRULL',Oleg Antonovich; MIROSHNIKOV, Vladimir Semenovich; YERMAKOV, Viktor Yevseyevich; CHERNYAK, I., red.; NOVIKOVA, V., tekhn. red.

[Forest valuation handbook] Lesotaksatsionnyi spravochnik. Pod obshchei red. V.K.Zakharova. Izd.2., ispr.i dop. Minsk, Gos. izd-vo BSSR. Red. nauchno-tekhn.lit-ry, 1962. 367 p. (MIRA 15:6)

(Forests and forestry—Valuation)

YERMAKOV, V.Ye.

Growth and productivity of wood-sorrel and whortleberry spruce forests.
Bot.; issl. Bel. otd. VBO no.6:131-135 '64. (MIRA 18:7)

Yermakov, Ya. V.

VISHNYAKOV, A.P.:DOBROVOL'SKIY, D.S.:YERMAKOV, Ya.V.:TUKACHINSKIY, S. Ye.

Electrophoretic determination of protein fractions on paper. Doklady Akad. nauk SSSR 87 no. 6:1035-1038 21 Dec 1952. (CLML 23:5)

1. Presented by Academician A. I. Oparin 23 October 1952. 2. Leningrad Scientific-Research Institute of Blood Transfusion, Central Scientific-Research Paper Institute, and Central Scientific-Research Veterinary Laboratory.

S/035/62/000/012/052/064
A001/A101

AUTHORS: Trunin, Yu. M., Yermakov, Ye. G.

TITLE: A template-parallaxometer

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 12, 1962, 19, abstract 12G131 ("Byul. nauchno-tekhn. inform. M-vo geol. i okhrany nedr SSSR", 1961, no. 5 (33), 57 - 58)

TEXT: A template was constructed in an expedition of the All-Union Aero-geological Trust; it is used to measure (without a stereoscope) a pair of points, whose relative elevation is to be determined, from two adjacent aerial photographs of the base (b) of photographing and difference of forward parallaxes (Δp). The instrument set includes a table of parallactic coefficients (H/b) using which one can easily determine (from a corresponding altitude of photographing and measured base) elevation by the formula:

$$h = (H/b) \cdot \Delta p.$$

Card 1/2

A template-parallaxometer

S/035/62/000/012/002/064
A001/A101

The table of expected errors mh, expressed in terms of photography altitude, is presented as a function of distance (r) on aerial photograph between the points being determined (from 1/700·H at r = 10 mm to 1/280·H at r = 55 mm).

I. Mityachkin

[Abstracter's note: Complete translation]

Card 2/2

MOSHKOV, B.S.; YERMAKOV, Ye.I.; DEGTYAREV, P.A.

Effect of soil moisture on the diurnal rhythms of movement in Perilla ocymoides. Dokl. AN SSSR 153 no.2:477-480 N '63. (MIRA 16:12)

1. Agrofizicheskiy nauchno-issledovatel'skiy institut, Leningrad. Predstavleno akademikom A.L.Kursanovym.

YERMAKOV, Ye.I., shofer.

Truck driving experience. Avt.der.18 no.7:16-17 N '55. (MLRA 9:4)
(Automobile drivers)

DEMIN, N.A.; [redacted]

Experience in constructing and using Centri-Cleaners. Bum.prom. 33 no.10:19-20 O '58. (MIRA 11:11)

1. Kondrovskiy tsellyulozno-bumazhnyy kombinat.
(Woodpulp industry--Equipment and supplies)

BARANOV, L.A.; GORBATOV, V.I.; YEVREINOV, D.V.; YERMAKOV, Ye.I.; PITERSKOV, N.I.; RYL'TSEV, A.M.; RYAZANTSEV, I.G.; TOROPOV, A.S.; TSEYTLIN, G.I.; YAROSHEV, D.M.; TRUBIN, V.A., glavnyy red.; SOSHIN, A.V., zam.glavnogo red.; RAKITIN, G.A., red.; GRINEVICH, G.B., red.; YEPIFANOV, S.P., red.; ONUFRIYEV, I.A., red.; KHOKHLOV, B.A., red.; ZIMIN, P.A., red.; TABUNINA, M.A., red.izd-va; OSENKO, L.M., tekhn.red.

[Manual on accident prevention and industrial sanitation during construction and repair operations] Spravochnoe posobie po tekhnike bezopasnosti i promsanitarii pri proizvodstve stroitel'no-montazhnykh rabot. Pod red. G.A.Rakitina. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1961. 359 p. (MIRA 14:4)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.
(Construction industry--Hygienic aspects)

YERMAKOV, Ye.I.; SHAMSIYEV, A.

Growing plants on porous ceramics in research work. Trudy Otd. fiziol. i biofiz. rast. AN Tadzh. SSR 3: 124-135 '64. (MIRA 18:4)

YERMAKOV, Ye.S.

Some data on the use of oxyhemometry for the comparative evaluation of the effectiveness of oxygen and aerotherapy in the children's clinic. Pediatriia 41 no.9:50-54 S '62. (MIRA 15:12)

1. Iz akademicheskoy gruppy deystvitel'nogo chlena AMN SSSR prof. Yu.F.Dombrovskoy i kafedry detskikh bolezney (zav. - prof. Yu.F.Dombrovskaya) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova (dir. - chlen-korrespondent AMN SSSR prof. V.V.Kovanov).
(BLOOD--OXYGEN CONTENT)(AEROTHERAPY)(OXYGEN THERAPY)

YERMAKOV, Ye.S.

Tillage in green fallows. Zemledelie 26 no.8:32-33 Ag '64. (MIRA 17:11)

1. Nauchno-issledovatel'skiy institut sel'skogo khozyaystva tsentral'nykh rayonov necherhozemnoy zony.

YERMAKOV, Yo.S.

Changes in some functions of the external respiration during chronic pneumonia in children. Sov. med. 28 no.9:32-34 S '65. (MIRA 18:9)

1. Akademicheskaya gruppa deystvitel'nogo chlena AMN SSSR prof. Yu.F.Dombrovskoy i kafedra detskikh bolezney (zav. Yu.F.Dombrovskaya) I Moskovskogo ordena Lenina meditsinskogo instituta imeni Sechenova.

127. Therapy of Intoxication Caused by Ethylated Gasoline

"Clinical Evaluation of Some Methods of Treating Chronic Intoxication by Ethylated Gasoline [Leaded Gasoline]," by Capt Ye. V. Yermakov of the Medical Service, Voyenno-Meditsinskiy Zhurnal, No 3, Mar 57, pp 46-48

Clinical tests conducted by N. V. Lazarev, I. G. Ravkin, A. A. Glebovich, and others established that prolonged sleep induced by barbiturates combined with the administration of magnesium sulfate and vitamin B_1 are an effective method of therapy for intoxication caused by ethylated gasoline, magnesium sulfate being the mere effective therapeutic agent. Previous experiments at the Military Medical Academy imeni S. M. Kirov and the First Leningrad Medical Institute conducted by A. N. Kuznetsov and V. V. Zakusov, in which sodium hyposulfite and glucose were administered to treat such an intoxication, produced negative results. Failure to develop a specific therapy for tetraethyl lead intoxication was partly due to the fact that little was known of the intoxication process which took place in the organism. "It is now known," the author writes, "that ethylated gasoline intoxication induces a pathological process in the organism, which, once initiated, continues to develop independently of the poison." (U)

YERMAKOV, Ye. V.

YERMAKOV, Ye.V.

Clinical aspects and treatment of poisoning with some hallucinogens. Voen.-med. zhur. no.8:89-91 Ag '61. (MIRA 15:2)
(HALLUCINOGENIC DRUGS—TOXICOLOGY)

YERMAKOV, Yevgraf Viktorovich; KLIMOV, S.P., red.; LEBEDEVA, G.T., tekhn. red.

[Chronic poisoning with tetraethyllead] Khronicheskoe otravlenie tetraetilsvintsom. Leningrad, Medgiz, 1963. 98 p. (MIRA 16:4)

(LEAD POISONING)

BOGDANOV, N.A.; YERMAKOV, Ye.V.; IMANGULOV, R.G.; LIKHUSHIN, Y.P.; SHELYAPIN, N.N.; STESHENKO, V F., red.

[Pathology, clinical aspects, and treatment in lesions from toxic chemical agents and radioactive substances] Patologiia, klinika i terapiia pri porazheniiakh OV i RV. Leningrad, Meditsina, 1964. 188 p. (MIRA 18:2)

PILLE, E.R.; YERMAKOVA, Ye.Ya.; ZUYEVA, Yu.N.; NADAYCHIK, L.V.

Study of viruses isolated from monkeys. Vop. virus. 6 no.6:704-710 N-D '61. (MIRA 15:2)

1. Moskovskiy nauchno-issledovatel'skiy institut virusnykh preparatov.
(VIRUSES) (MONKEYS)

S/122/62/000/011/001/001
D262/D308

AUTHOR: Yermakov, Yu.A., Engineer

TITLE: The threading of parts made of pre-hardened steels

PERIODICAL: Vestnik mashinostroyeniya, no. 11, 1962, 57-60

TEXT: A detailed description is given of experiments conducted to establish the geometrical parameters of the working parts of the cutters and optimal speeds of cutting and feeding for threading of hardened steels of 35 - 64 HRC. Threading tools used in the experiments were fitted with cutting blades made of various hard alloys (tungsten carbide). Conclusions: 1) The wear changes during the cutting process; there are 3 periods: 1st - intensive wear of the rear face (to 0.1 - 0.15 mm), 2nd - less intensive and almost constant rate of wear, 3rd - very intense rate of wear. 2) The degree of finish of the thread sides depends little on the cutter wear and operating conditions. 3) The lowest wear is obtained for front angle $\gamma = -10^{\circ}$ for hardness of 64 HRC and $\gamma = -5^{\circ}$ for hardnesses of 45 and 57 HRC, and for clearance angle $\alpha = 6^{\circ}$ for all

Card 1/2

The threading of parts ...

hardnesses. 4) With increasing hardness of the worked metal the permissible feed decreases. 5) The effect of the cutting speed on the cutter wear is more pronounced for harder steels (57 - 64 HRC) than for less hard steels (35 - 45 HRC). There are 2 figures and 4 tables.

Card 2/2

YERMAKOV, Yu.G. [IErmakov, IU.H.]

Angular unconformity between the Middle and Upper Sarmatian in Privol'noye, Bashtanka District. Geol. zhur. 24 no.4:109-110 '64. (MIRA 18:2)

1. Dnepropetrovskaya kompleksnaya geologorazvedochnaya ekspeditsiya.

YERMAKOV, Yu.G. [IErmakov, IU.H.]

Erosive-tectonic scarp in the northern part of the Black Sea region. Geol. zhur. 25 no.2:103-104 '65. (MIRA 18:6)

1. Dnepropetrovskaya kompleksnaya geologorazvedochnaya ekspeditsiya.

YERMAKOV, Yu.G.

Aptian and Albian troughs in the Sivash and Karkinit region in the southern margin of the Russian Platform. Dokl. AN SSSR 165 no.3:640-642 N '65. (MIRA 18:11)

1. Dnepropetrovskaya kompleksnaya geologorazvedochnaya ekspeditsiya tresta "Dneprogeologiya". Submitted June 4, 1965.

20-118-6-5/43

AUTHOR: Yermakov, Yu.I.

TITLE: Three-Dimensional [redacted] Space With a Cubic Semimetric (Trekhmernoye prostranstvo s kubicheskoy polumetrikoy)

PERIODICAL: Doklady Akademii Nauk, 1958, Vol 118, Nr 6, pp 1070-1073 (USSR)

ABSTRACT: The author considers threedimensional Finsler spaces $F_3^{(3)}$ with the metric

$$ds^3 = a_{\alpha\beta\gamma}\, dx^\alpha dx^\beta dx^\gamma \qquad (\alpha, \beta, \gamma, \ldots, \omega = 1,2,3)$$

and a non-vanishing determinant. He constructs a connection in the $F_3^{(3)}$ being invariant with respect to a conformal transformation of the metric; necessary and sufficient conditions that $F_3^{(3)}$ is conformally plane are given. Further some properties of a space X_3 with a given field of the pseudotensor are investigated. A result due to Tonooka [Ref 2] is formulated somewhat more exact.
There are 4 references, 2 of which are Soviet, 1 American, 1 Dutch.

Card 1/2

Three-dimensional Space With a Cubic Semimetric 20-118-6-5/43

ASSOCIATION: Saratovskiy gosudarstvennyy universitet imeni N.G.Chernyshevskogo (Saratov State University imeni N.G.Chernyshevskiy)

PRESENTED: September 13, 1957, by I.G.Petrovskiy, Academician

SUBMITTED: December 28, 1956

Card 2/2

5(3) SOV/62-59-7-38/38

AUTHORS: Kagan, Yu. B., Bashkirov, A. N., Kliger, G. A., Yermakov, Yu. I.

TITLE: Transformation of n-Butyl Amine Under Synthesis Conditions From Carbon Oxide and Hydrogen (Prevrashcheniye n.butilamina v usloviyakh sinteza iz okisi ugleroda i vodoroda)

PERIODICAL: Izvestiya Akademii nauk SSSR. Otdeleniye khimicheskikh nauk, 1959, Nr 7, pp 1345 - 1346 (USSR)

ABSTRACT: It had been found in previous investigations that when synthesizing n-butyl amine from CO, H_2 and NH_3 in the presence of iron catalysts, di- and trialkyls are formed in addition to monoalkyl amines. Moreover, the formation of the di- and trialkyls was found to be dependent in the course of reaction by the facilitated reacting possibility of primary amines with oxygen-containing products from the hydrogenation of the carbon oxide (alcohols, aldehydes, etc). The conclusion was drawn therefrom that the secondary and tertiary amines may be obtained from CO, H_2, and the primary amine, here n-butyl amine. This conclusion is submitted to examination in the

Card 1/3

present paper. The synthesis conditions were the same as in references 1 and 2. A molten iron catalyst was also used in the investigation. The amines obtained were potentiometrically titrated. The following was investigated in the course of synthesis: the influence exerted by the amine addition rate upon the catalyst, by temperature, pressure, and the ratio CO/H in the initial mixture on the yield and the products of the synthesis. The data obtained are specified in the table. It may be observed from the latter that secondary and tertiary amines may be actually obtained in the manner described, and that, by changing the conditions, the reaction may be directed to the production of either secondary or tertiary amines. Increase in the concentration of n-butyl amine and temperature leads to the predominant formation of secondary amine, dilution of hydrogen, low temperature, and slow addition of n-butyl amine on the catalyst for the formation of tertiary amine. Rising pressure increases the formation of the two amines. At 80-150° the largest percentage yield of secondary and tertiary amines is obtained (45%). The additionally obtained primary amine (50%) is caused by disproportionation. There are 1

Transformation of n-Butyl Amine Under Synthesis Conditions From Carbon Oxide and Hydrogen

SOV/62-59-7-34/38

table and 10 references, 7 of which are Soviet.

ASSOCIATION: Institut nefti Akademii nauk SSSR (Institute of Petroleum of the Academy of Sciences, USSR)

SUBMITTED: January 19, 1959

Card 3/3

SOV/20-128-3-7/5?

16(1)

AUTHOR: Yermakov, Yu.I.

TITLE: K_n Spaces With an Algebraic Metric and Semimetric

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 128, Nr 3, pp 460-463 (USSR)

ABSTRACT: In n-dimensional Finsler spaces $F_n^{(q)}$ the author defines in the case $n \geqslant 2$, $q > 3$ a symmetric linear affine connection in a way deviating from Cramlet / Ref 7 (simpler). He determines complete systems of differential and conformal differential commitants. The author gives necessary and sufficient conditions that $F_n^{(q)}$ be plane or conformally plane. All together there are five theorems without proof. The author mentions A.Ye.Liber. There are 7 references, 4 of which are Soviet, 1 German, 1 American, and 1 Japanese.

ASSOCIATION: Saratovskiy gosudarstvennyy universitet imeni N.G.Chernyshevskogo (Saratov State University imeni N.G.Chernyshevskiy)

PRESENTED: May 25, 1959, by I.G.Petrovskiy, Academician

SUBMITTED: May 22, 1959

Card 1/1

YERMAKOV, Yu. I., CAND PHYS MATH SCI, "GEOMETRY OF SPACES X_5 WITH ALGEBRAIC METRICS OR SEMIMETRICS." SARATOV, 1960. (MIN OF HIGHER AND SEC SPEC ED RSFSR. KAZAN' ORDER OF LABOR RED BANNER STATE UNIV IM V. I. UL'YANOV-LENIN). (KL, 2-61, 198).

S/020/62/143/005/014/018
B101/B110

AUTHORS: Yermakov, Yu. I., Boreskov, G. K., Corresponding Member AS USSR, Dzis'ko, V. A., and Ivanova, L. I.

TITLE: Low-temperature polymerization of ethylene on chromium oxide catalyst

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 143, no. 5, 1962, 1139-1141

TEXT: The polymerization of ethylene at 75°C, i.e., below the m.p. of the polymer, on a chromium oxide catalyst, whose preparation has been described earlier (DAN, 136, no. 1, 125 (1961)), is discussed. The experiments were made with high-purity C_2H_4 (1-2 ppm O_2, 3 ppm H_2O) in purified n-heptane at constant pressure (5-15 atm). The following results were obtained (Fig. 1): (1) an induction period was observed (30-150 min), which was shorter at higher pressure and higher concentration of the catalyst; (2) after the induction period the reaction rate remained constant for a long time (at low catalyst concentration up to

Card 1/3

Low-temperature polymerization ...

20 hrs); (3) the polymer consisted of 0.2 to 3 mm large granulae; (4) the initial grains of the catalyst had a size of 0.5 to 1 mm. Catalyst particles of 1-10 μ were found on the surface (not in the bulk) of the polymer grains; (5) a threshold concentration of the catalyst exists below which there is no polymerization. Hence no polymerization occurred with 0.0274% catalyst in the solvent, and a slight polymerization with 0.0325%; (6) the activity, A, of the catalyst, depends on the pressure, P; $A = aP^n$ (a,n = constants). At < 9 atm, $n \sim 2$, at 11-15 atm, $n \sim 3$; (7) the molecular weight, MW, is independent of the catalyst concentration, but depends on P: at 9 atm, the MW was 110,000-125,000, at 15 atm, the MW was 400,000-600,000; (8) a maximum yield (1800 g polyethylene per g catalyst) was obtained at 15 atm and 0.0520% catalyst concentration. There are 4 figures and 1 table.

ASSOCIATION: Fiziko-khimicheskiy institut im. L. Ya. Karpova
(Physicochemical Institute imeni L. Ya. Karpov)

SUBMITTED: January 11, 1962

Card 2/3

Low-temperature polymerization ...

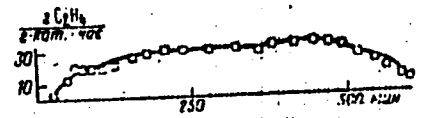

Fig. 1: kinetic curve of C_2H_4 polymerization at 9 atm, 75°C, catalyst concentration 0.336%. Legend: abscissa time, min; ordinate g C_2H_4/g catalyst·hr.

Card 3/3

YERMAKOV, Yu.I.; BORESKOV, G.K.; DZIS'KO, V.A.; IVANOVA, L.I.; TRIFONOV, A.S.

Polymerization of ethylene on a chromia catalyst without a solvent. Khim.prom. no.7:496-498 Jl '63. (MIRA 16:9)

L 8493-66 EWT(m)/EWP(j)/T RM

ACC NR: AP5026476 SOURCE CODE: UR/0195/65/006/005/0889/0896

AUTHOR: Yermakov, Yu. I.; Ivanov, L.P.

ORG: Physiochemical Institute im. L. Ya. Karpov (Fiziko-khimicheskiy institut); Institute of Catalysis, SO AN SSSR (Institut kataliza SO AN SSSR)

TITLE: Study of the polymerization kinetics of ethylene on a chromium trioxide catalyst under conditions of formation of a crystalline polymer

SOURCE: Kinetika i kataliz, v. 6, no. 5, 1965, 889-896

TOPIC TAGS: chromium oxide, polymerization kinetics, ethylene

ABSTRACT: The study deals with the polymerization kinetics of ethylene on a chromium trioxide catalyst in cyclohexane at temperatures below 90C, i.e., in a suspension. The dependence of the polymerization rate on time is characterized by a distinct induction period in the course of which the polymerization rate changes from zero to a stationary

and varies as almost the square of the catalytic concentration. The dependence of n

Card 1/2

UDC 541.124:542.952.6:547.313.2

The mathematical treatment [illegible] with the aid of computers on the basis of the experimental [illegible]
Orig. art. has: 5 figures and 4 formulas.

SUB CODE: 07 / SUB DATE: 18Jul64 / ORIG REF: 018 / OTH REF: 004

BVK
Card 2/2

L 8495-66 EWT(m)/EWP(j)/T/EWP(t)/EWP(b) IJP(c) JD/RM

ACC NR: AP5026478 SOURCE CODE: UR/0195/65/006/005/0909/0915

AUTHOR: Yermakov, Yu. I.; Boreskov, G. K.; Slin'ko, M. G.; Skoinorokhov, V. B.

ORG: Institute of Catalysis, SO AN SSSR (Institut kataliza SO AN SSSR)

TITLE: Kinetics and mathematical modeling of the process of suspension polymerization of ethylene on a chromium trioxide catalyst

SOURCE: Kinetika i kataliz, v. 6, no. 5, 1965, 909-915

TOPIC TAGS: polymerization rate, ethylene, mathematic model, chromium oxide

ABSTRACT: The kinetic relationships obtained by studying the suspension polymerization of ethylene on a chromium trioxide catalyst are considered mathematically. The process was simulated on an MN-14 analog computer. The experimental curves of the polymerization rate versus catalyst concentration and ethylene pressure are compared with the curves obtained by the computer, and it is shown that the mathematical description correctly expresses the relationships found experimentally. The proposed mathematical

industrial application of the process of suspension polymerization. [illegible]
4 figures and 14 formulas.

UDC 541.124:542.952.6:547.313.2

Card 1/2

YERMAKOV, Yu.I.

Invariant equipment of certain surfaces of a special type in projective space. Dokl. AN SSSR 162 no.6:1234-1237 Je '65. (MIRA 18:7)

1. Saratovskiy gosudarstvennyy universitet im. N.G.Chernyshevskogo. Submitted December 10, 1964.

KOVALEVSKIY, I.I., kand. tekhn. nauk; YERMAKOV, Yu.M., ; MERINOV, N.A.; FROLOVA, V.A.; CHIZHIKOVA, L.I.; NINENYAGI, D.K., red. izd-va; SHER[illegible]EVA, N.V., tekhn. red.

[Album of heating furnaces and stoves]Al'bom otopitel'nykh i bytovykh pechei. Moskva, Gosstroiizdat. Pt.2. [Stoves for heating and cooking]Pechi otopitel'no-varochnye. 1962. 88 p. (MIRA 16:1)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut po stroitel'stvu, Rostov-on-Don. 2. Rukovoditel' laboratorii otopleniya i ventilyatsii Nauchno-issledovatel'skogo instituta po stroitel'stvu, Rostov-on-Don (for Kovalevskiy). 3. Nauchno-issledovatel'skiy institut sanitarnoy tekhniki Akademii stroitel'stva i arkhitektury SSSR (for Yermakov, Merinov, Frolova, Chizhikova). (Stoves) (Furnaces, Heating)

EWT(d)/EWP(v)/EWP(k)/EWP(h)/EWP(l)
ACC NR: AP6029952 (A, N) SOURCE CODE: UR/0413/66/000/015/0129/0130

INVENTORS: Zagorodnikov, A. Ya.; Chernyanskiy, P. M.; Yermakov, Yu. M.; Zamchalov, Yu. P.; Shaumyan, G. A.

ORG: none

TITLE: A method for taking a finish cut in producing bodies of revolution. Class 49, No. 184580 [announced by Moscow Higher Technical School of the Order of Lenin and the Order of the Workers' Red Banner imeni N. E. Bauman (Moskovskoye ordena Lenina i ordena Trudovogo Krasnogo Znameni vysshaye tekhnicheskoye uchilishche)]

SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 129-130

TOPIC TAGS: metalworking, metalworking machine accessory, machine tool, metal cutting machine tool, body of revolution

ABSTRACT: This Author Certificate presents a method for taking a finish cut in producing bodies of revolution being simultaneously turned (see Fig. 1). To increase the efficiency and to improve the quality of surface, the finish cut is taken with a tool bit fed in the radial and the tangential directions in respect to the product. The tool bit is provided with two cutting blades, one of which is held at an angle to the axis of the product and is fed gradually into the contact with the product at the removal zone of the outer layer. The other blade is held parallel to the axis

Card 1/2 UDC: 621.941.1:08

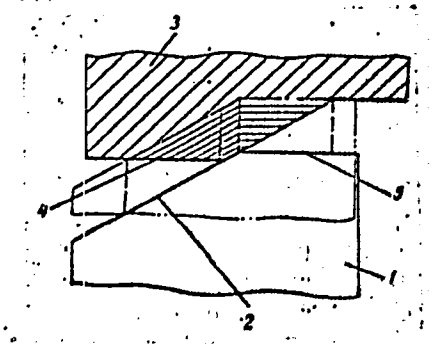

Fig. 1. 1 - tool bit; 2 - first cutting blade; 3 - product; 4 - zone of outer layer removal; 5 - second cutting blade

of the product and is ground to fit that region of the body of revolution which is being cut by this blade. It is this second blade which produces the finish cut on the product. Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 17Oct64

YERMAKOV, Yu. Ye.

YERMAKOV, Yu.Ye., inzhener.

Continuous valveless system for central heating. Gor.khoz.Mosk. 25 no.6:27-29 Je '51. (MLRA 10:9)
(Heating from central stations)

YERMAKOV, Yu. Ye.

Heating from Central Stations

Organizing a central heating system for a large apartment house block. Gor.khoz. Mosk. 26 no. 2, 1952.

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

YERMAKOV, Yu. Ye.

Moscow - Hotels, Taverns, etc.

Sanitary and service equipment of the Hotel "Sovetskaia." Gor. khoz. Mosk. 26 No.4, 1952

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

YERMAKOV, Yu.Ye.

Ventilation of apartments in standard-plan apartment houses. Vod.i san. tekh. no.12:18-23 D '56. (MLRA 10:3)
(Ventilation) (Apartment houses--Heating and ventilation)

YERMAKOV, Yu.Ye.

New design of multiloop safety devices for low-pressure steam boilers. Vod. i san. tekh. no.6:10-13 Je '58. (MIRA 11:5)
(Boilers)

ACCESSION NR: AP4032508 S/0080/64/037/004/0922/0925

AUTHORS: Yarmakova, A.; Morozov, N. G.

TITLE: Absorption method of separating methylchlorosilane and collecting the unreacted methyl chloride in the direct synthesis process

SOURCE: Zhurnal prikladnoy khimii, v. 37, no. 4, 1964, 922-925

TOPIC TAGS: methylchlorosilane, direct synthesis, methyl chloride absorption, chlorobenzene absorbent, alkylchlorosilane synthesis, liquid gas phase equilibrium, nitrogen methylchloride chlorobenzene system nitrogen ethylchloride chlorobenzene system, nitrogen methyldichlorosilane chlorobenzene system, nitrogen dimethyldichlorosilane chlorobenzene system. Raoult's law, heat of solution

ABSTRACT: The solubility of methyl chloride, ethyl chloride and methylchlorosilane in chlorobenzene was determined in order to provide data for the direct synthesis process for alkylchlorosilanes in which the unreacted alkyl chlorides are collected in chlorobenzene. The liquid-gas phase equilibria of the following systems were in-

Card 1/2

ACCESSION NR: AP4032508

vestigated at atmospheric pressure: nitrogen-methylchloride-chlorobenzene (at 0, 5, 10, 20 and 30C), nitrogen-ethyl chloride-chlorobenzene (at 10, 20 and 30C), nitrogen-methyldichlorosilane-chlorobenzene (at 20, 30C), and nitrogen-dimethyldichlorosilane-chlorobenzene (at 10, 20C). The solubility of methyl chloride and ethyl chloride in chlorobenzene is subject to Raoult's law. The solubility of the investigated chlorosilanes in chlorobenzene is significantly lower than in ideal solvents. The solubility in all the systems investigated decreased with increase in temperature. The heat of solution (kcal/kg) was calculated: methyl chloride 120; ethyl chloride 98.1; methyldichlorosilane 95.6; dimethyldichlorosilane 72. Thus the absorption of all these compounds in chlorobenzene is accompanied by evolution of large amounts of heat. Orig. art. has: 3 tables, 5 equations and 4 figures.

ASSOCIATION: None

SUBMITTED: 08Jun62 ENCL: 00

SUB CODE: OC NR REF SOV: 006 OTHER: 001

Card 2/2

L'VOV, S.V.; SERAFIMOV, L.A.; YERMAKOVA, A.

Method of investigating phase relations in the process of absorption of a multicomponent mixture. Khim. prom. no.5:364-367 My '64. (MIRA 17:9)

L 1703-66 EWT(m)/EPF(c) RM

ACCESSION NR: AP5020957 UR/0204/65/005/004/0583/0588

AUTHOR: Mashkina, A. V.; Yermakova, A.; Savostin, Yu. A.

TITLE: Process for production of sulfolane (hydrogenation of sulfolene)

SOURCE: Neftekhimiya, v. 5, no. 4, 1965, 583-588

TOPIC TAGS: hydrogenation, organic sulfur compound, hydrogen, catalysis, nickel compound, chromium compound

ABSTRACT: Experiments on the hydrogenation of sulfolene to sulfolane were carried out in a flow unit at 35C over a catalyst with a grain size from 1.5 to 2.5 mm, at a hydrogen feed rate of 8 liters/hour, and at different pressures and concentrations of the sulfolene in the sulfolane. It was found that at a pressure of 1 atm and at low concentrations of sulfolene (up to approximately 10 wt %) the reaction rate is described by an equation of the first order. With further increase in the concentration, the reaction rate at 1 atm pressure is described by an equation of zero order. At 6 atm, at all concentrations studied, the reaction rate is first order. The average value of the reaction rate constant is 1.5 kg/kg-hr. At

Card 1/2

L 3703-66

ACCESSION NR: AP5020957

sulfolene concentrations in the solution greater than 10 wt % and at pressures less than 6 atm, the reaction rate is determined by the rate of hydrogen feed to the outer surface of the catalyst. At pressures greater than 10 atm, the pressure had no effect on the reaction rate and the latter was a linear function of the amount of catalyst. It was concluded that the following parameters are suitable for an industrial unit: pressure 5-20 atm; temperature 35C; solvent, sulfolane; concentration of sulfolene in the starting solution 10 wt %; catalyst, nickel chromium; particle size of catal yst 4 x 5 mm. Orig. art. has: 7 formulas and 6 figures

ASSOCIATION: Institut kataliza, Sibirskoe otdelenie AN SSSR (Catalysis Institute, Siberian Branch AN SSSR)

SUBMITTED: 05Nov64 ENCL: 00 SUB CODE: GC

NR REF SOV: 005 OTHER: 000

Card 2/2

YERMAKOVA, A.; KVASHA, V.B.; SERAFIMOV, L.A.; LVOV, S.V.

Investigating the dynamics of the absorption of alkyl chlorides and alkylchlorosilanes. Khim.prom. 41 no.4:18-22 Ap '65.
(MIRA 18:8)

YERMAKOVA A A

USSR/Cultivated Plants - Potatoes, Vegetables, Melons. M.

Abs Jour : Ref Zhur - Biol., No 10, 1958, 44109

Author : Grebinskiy, S.O., Yermakova, A.A., Rubanyuk, E.A., Bogdanovich, I.S.

Inst : L'vov University.

Title : The Effect of Fertilizers with Microelement Dressing on the Crop of Early Hothouse Vegetables and Their Vitamin C Content.

Orig Pub : Dopovidi ta povidomlennya. L'vivs'k. un-t, 1957, vyp. 7, ch. 3, 133-138.

Abstract : No abstract.

Card 1/1

GREBINSKIY, S.O.; YERMAKOVA, A.A.; POPOVICH, I.V.; KUBANYUK, Ye.A.

Effect of fertilizers on the amount of vitamins B_1, B_2, B_6, and ascorbic acid in leafy vegetables. Nauch. dokl. vys. shkoly; biol. nauki no.2:130-133 '58. (MIRA 11:10)

1. Predstavlena kafedroy fiziologii rasteniy L'vovskogo gosudarstvennogo universiteta imeni Ivana Franko.
(Vegetables) (Vitamins) (Fertilizers and manures)

PIK, I.Sh.; YERMAKOVA, A.I.

Relation of the mechanical characteristics of molding materials to tablet form. Khim.prom. no.8:484-485 D '55. (MLRA 9:5)

1. Karacharovskiy zavod plastmass.
(Plastics--Testing)

YERMAKOVA, A.I.

Category: USSR/Analytical Chemistry - Analysis of organic substances. G-3

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 31092

Author : Tikhomirova G. P., Shkodin A.M., Yermakova, A. I.
Inst : not given
Title : Polarographic Determination of Riboflavin.

Orig Pub: Ukr. khim. zh., 1956, 22, No 5, 687-690

Abstract: A method has been worked out for the polargraphic determination of riboflavin (vitamin B_2) in mono- and polyvitamin preparations. 0.25 g of comminuted average sample of monovitamin (or 4 g of the polyvitamin-) preparation are dissolved in 25 ml of background electrolyte (Kohlthoff buffer solution of pH 8.6) and subjected to polarographic determination with galvanometer sensitivity of S = 1/50 and rheochord potential of 1 v. Also polarographed are 9 ml of the solution under study in admixture with 1 ml of standard solution (of pure crystalline vitamin B_2); calculation of the vitamin B_2 content of the sample is effected by the method of addition.

Card : 1/1

YERMAKOVA, A.I.

SHKODIN, A.M.; TIKHOMIROVA, G.P.; YERMAKOVA, A.I.

Potentiometric method for the determination of sulfuric acid in malic and fumaric acids. Khleb. i kond. prom. 1 no.9:16-18 S '57. (MIRA 10:11)

1. Ukrainskiy nauchno-issledovatel'skiy institut pishchevoy promyshlennosti.

(Sulfuric acid--Analysis) (Malic acid--Analysis)
(Fumaric acid--Analysis)

TIKHOMIROVA, G.P.; YERMAKOVA, A.I.

Polarographic method for the determination of nicotinic acid in a monovitamin dragée. Vop.pit. 19 no.1:61-63 Ja-F '60.
(MIRA 13:5)

1. Iz laboratorii fizicheskoy khimii (zav. - kand.khim.nauk A.M. Shkodin) Ukrainskogo nauchno-issledovatel'skogo instituta pishchevoy promyshlennosti, Khar'kov.
(NICOTINIC ACID chemistry)

YERMAKOVA, I. A.; MIKHEYEV, G. D.

Nutritive value of basic grazing crops of the Turkmen S.S.S.R. Izv. AN Turk.SSSR. Ser. biol.nauk no. 6:3-14 '63. (MIRA 17:5)

1. Turkmenskiy nauchno-issledovatel'skiy institut zhivotnovodstva i veterinarii.

BOROVSKIY, G.F. [deceased]; ZINOV'YEV, G.A. [deceased]; YERMAKOVA, I.A.; NECHAYEVA, N.T.

Nutritive value of wormwood pastures in northwestern Turkmenistan. Trudy Inst. bot. AN Turk. SSR 7:40-60 '62. (MIRA 17:3)

YERMAKOVA, A.M.

Effect of the shape of the ballistic pulse of the current on measurement precision of magnetic properties in ferromagnetic materials. Trudy VNIIM no.10:71-88 '52. (MIRA 11:6)
(Ferromagnetism--Measurement)

YERMAKOVA, Anna Mikhaylovna; DEMINA, Mariya Leonidovna; BLINDER, Ye.N., redaktor; SUKHODOLOV, S.T., tekhnicheskiy redaktor

[Planning labor and wages in cooperative trade artels] Planirovanie truda i zarabotnoi platy v arteliakh promyslovoi kooperatsii. Moskva, Vses. koop. izd-vo, 1956. 90 p. (MIRA 10:4)
(Wages) (Industrial management)

1. YERMAKOVA, A. (P.)

2. USSR (600)

4. Potatoes

7. High yield of potatoes, Kolkh. proizv. 13, No. 2, 1953.

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

YEMAKOVA, A.P.

Kak my vyrashchivaem vysokie urozhai kartofelia (How we obtain high potato yields). Moskva, Selkhozigiz, 1954. 16 p.

SO: Monthly List of Russian Accessions, Vol 7, No 9, Dec 1954

YEREMKOVA, Agafya Petrovna, geroy Sotsialisticheskogo Truda; POLYAKOVA, V., redaktor; YAKOVLEVA, Ye., tekhnicheskiy redaktor

[How we attained skill; experience of potato growers on the "Borodino" Collective Farm] Kak my dobilis' masterstva; opyt svena kartofelevodov kolkhoza "Borodino." [Moskva] Moskovskii rabochii, 1956. 38 p. (MLRA 9:12)
(Potatoes)

PASHAYEV, A.G.; YERMAKOVA, A.S.

Safety problems in the construction and use of gas compressor stations of oil and gas refineries. Trudy VNIITB no.11:78-85 '59. (MIRA 15:5)

(Compressors--Safety measures)

KABANOV, V.I., inzh.; YERMAKOVA, A.S., inzh.; BAYTUGANTI, Ye.G., inzh.; BERTUL'SON, Ye.A., inzh.

Attachments to pumping jacks. Bezop.truda v prom. 4 no.4:24-25 Ap '60. (MIRA 13:9)

(Oil wells--Equipment and supplies)

SHILKO, N.A., dotsent; YERMAKOVA, A.V., ordinator

Comparative evaluation of injuries in children and mother from the application of forceps by the TSov'ianov method and by the usual method. Akush.i gin. no.6:16-19 '60. (MIRA 14:1)

1. Iz kafedry akusherstva i ginekologii (zav. - dotsent N.A. Shilko) pediatricheskogo fakul'teta Krymskogo meditsinskogo instituta.

(LABOR, COMPLICATED) (BIRTH INJURIES)

YERMAKOVA, A.Ya.; TIMOSHENKO, L.V.

Effect of the vacuum extractor on the mother and infant. Akush. i gin. no.1:65-70 '65. (MIRA 18:10)

1. Kafedra akusherstva i ginekologii (zav.- doktor med. nauk L.V. Timoshenko) Lechebnogo fakul'teta L'vovskogo meditsinskogo instituta.

SOV/137-58-9-18736

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 9, p 84 (USSR)

AUTHORS: Ponomarev, V.D., Yermakova, B.A.

TITLE: Leaching Alumina From Alunite Ore by Sodium Sulfide Solutions (Vyshchelachivaniye glinozema iz alunitovoy rudy rastvorami sernistogo natriya)

PERIODICAL: Izv. AN KazSSR. Ser. gorn. dela, metallurgii, str-va i stroymaterialov, 1957, Nr 5 (16), pp 69-79

ABSTRACT: In leaching alunite solutions with Na_2S, the extraction of Al_2O_3 in solution rises with the strength of the Na_2S solution. The optimum conditions for the leaching process are the following: 400 g Na_2S/liter; sulfide factor 4.5; process time 1 hr; temperature 100°C; grinding to 140 mesh. Under these conditions, 90% of the Al_2O_3 is extracted in the solution, and its concentration therein is 110 g/liter. The major impurities in alunite rock (Fe and Si) do not go into solution.

G.S.

1. Ores--Processing 2. Aluminum oxide--Separation

Card 1/1

YERMAKOVA, F.B. (Leningrad)

Pathological anatomy of leukemias. Arkh.pat. 21 no.1:44-49 '59.
(MIRA 12:1)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. M.A. Zakhar'yevskaya) I Leningradskogo meditsinskogo instituta imeni I.P. Pavlova.

(LEUKEMIA, pathology,
(Rus))

YERMAKOVA, V.B. (Leningrad)

Pulmonary changes in leukemia. Arkh.pat. 21 no.5:35-41 '59.
(MIRA 12:12)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. M.A. Zakhar'-yevskaya) I Leningradskogo meditsinskogo instituta im. akad. I.P. Pavlova).

(LEUKEMIA, pathol.
lungs (Rus))
(LUNGS, pathol.
in leukemia (Rus))

YERMAKOVA, F.B., kand.med.nauk

Peculiar course of leucosis. Vrach.delo no.10:101 O '60. (MIRA 13:11)

1. Kafedra patologicheskoy anatomii (Zav. - prof. M.A.Zakhar'yevskaya) Pervogo Leningradskogo meditsinskogo instituta.
(LEUKEMIA)

YERMAKOVA, F.B. (Leningrad, Lesnoy pr., 65/5, kv.78)

Age-related changes in the hemopoietic organs in mice. Arkh. anat. gist. i embr. 38 no. 5:56-59 My '60. (MIRA 14:2)

1. Kafedra patologicheskoy anatomii (zav. - prof. M.A. Zakhar'yevskaya) 1-go Leningradskogo meditsinskogo instituta im. akad. I.P. Pavlova.

(HEMATOPOIETIC SYSTEM) (AGING)

YERMAKOVA, F.B.

Adenomatosis of the lungs. Arkh.pat. 22 no.9:62-66 '60.
(MIRA 13:12)

(LUNGS--TUMORS)

YERMAKOVA, F. B. (Leningrad)

Morphogenesis of leukemic cells in the focus of transplantable leukemia in mice. Arkh. pat. no.6:10-16 '61. (MIRA 14:12)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. M. A. Zakhar'yevskaya) I Leningradskogo meditsinskogo instituta.

(LEUKEMIA)

YERMAKOVA, E.P.

Significance of the lymphoid apparatus of the bronchial tree in the development of leukemic foci in the lungs in transplanted leukemia in mice. Biul. eksp. biol. i med. 55 no.2: 87-91 F'63. (MIRA 16:6)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. M.A. Zakhar'yevskaya) I Leningradskogo meditsinskogo instituta imeni I.P.Pavlova. Predstavlena deystvitel'nym chlenom AMN SSSR N.N.Anichkovym.
(LEUKEMIA) (LUNGS--DISEASES) (LYMPHATICS)

YERMAKOVA, G.A.; SHTERN, M.A.; GORELIK, G.N.

Effect of the physical characteristics of white pigments and fillers on the properties of paint films. Lakokras. mat. i ikh. prim. no.4:70-84 '61. (MIRA 16:7)

(United States--Pigments)
(United States--Fillers(In paper, paint, etc.)

Z/011/61/018/011/002/004
E112/E553

AUTHORS: Rassudova, N.S., Yermakova, G.A. and Istomina, V.A.

TITLE: Recovery of titanium dioxide (rutile) from concentrated solutions of titanium sulphate by the addition of various additives prior to hydrolysis. I.

PERIODICAL: Chemie a chemická technologie; Přehled technické a hospodářské literatury, v 18, no 11, 1961 513 abstract Ch61-7085 (Lakokrasochnyye materialy, no 1 1961, 30-33)

TEXT: Titanium dioxide (rutile) was prepared from concentrated solutions of titanium sulphate in the presence of additives such as zinc chloride, formic acid, titanium tetrachloride etc. Additions ranged from 1 to 3%. The resulting titanium dioxide consisted of 99% rutile.
1 figure, 6 tables, 9 references.

[Abstractor's Note: Complete translation]

Card 1/1

S/081/61/000/022/071/076
B144/B138

AUTHORS: Rassudova, N. S., Yermakova, G. A., Istomina, V. N.

TITLE: Synthesis of titanium dioxide of the rutile modification from concentrated titanium sulfate solutions by injecting certain additions before hydrolysis

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 22, 1961, 473, abstract 22P194 (Lakokrasochn. materialy i ikh primeneniye, no. 1, 1961, 30-33)

TEXT: Titanium dioxide of the rutile modification was obtained from concentrated titanium sulfate solutions by adding 1-3% zinc oxide, aluminum hydroxide, TiO_2 (rutile) hydrochloric acid or its salt with the oxides enumerated, magnesium chloride, formic and acetic acids, and of a number of other compounds, to the prehydrolysis solution before adding the usual nuclei. This method means that titanium dioxide can be obtained without further cations and with up to 99.0% TiO_2 content. As to weather resistance, moisture content, photochemical activity, and basic coloring properties, the TiO_2 samples obtained in this way are in no way inferior to TiO_2 of the

Card 1/2

Synthesis of titanium dioxide ... S/081/61/000/022/071/076
B144/B138

rutile modification obtained by calcination of anatase-type metatitanic acid with zinc oxide. 9 references. [Abstracter's note: Complete translation.]

Card 2/2

BELYAVSKIY, V.Ye.; [illegible]KOVA, G.A.

Equipment for fine purification of paint materials and semiprocessed products; brief review of foreign literature. [illegible] prim. no.3:82-89 '63. (MIRA 16:9)
(Filters and filtration) (Paint industry—Equipment and supplies)

YERMAKOVA, G.F.

KURAYTIS, S. A., KHOKHLOV, I. A., YERMAKOVA, G. F.

Hides and Skins

Practical method of processing badger hides, Leg. prom. 12 No. 4, 1952

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

YERMAKOVA, G.G.

Materials for the study of the hydatidiform mole. Akush.i gin. no.5:81-86 '61. (MIRA 15:1)

1. Iz Nauchno-issledovatel'skogo instituta akusherstva i ginekologii (dir. - prof. O.V. Makeyeva).
(MOLE (DERMATOLOGY))

YERMAKOVA, G. P. and KUZNETSOV, V. V. (Perm State University A. M. Gorkiy)

"Investigation of hydrogenation of metals during electrolysis by method of measurement of electric resistance".

Report presented at the Intervuz Conference on Electrodeposition of Nonferrous Metals, Ural Polytechnical Institute im. S. M. Kirov, Sverdlovsk, held from 27-30 May 1963

(Reported in Tsvetnyye Metally, No. 10, 1963, pp. 82-84)
JPRS 24,651 19 May 1964

YERMAKOVA, I.A.

YERMAKOVA, I.A. "The Biology and Ecology of Honey Plants of the Kungur Ural Piedmont." Min Higher Education USSR. Molotov State U imeni A.M. Gor'kiy. Moscow, 1956. (Dissertation for the Degree of Candidate in Biological Science)

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

USSR / Cultivated Plants. Commercial. Oil-Bearing. M-5
Sugar-Bearing.

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25194

Author : Yermakova, I. A.
Inst : Not given
Title : Echium vulgare L.

Orig Pub: Pchelovodstvo, 1957, No 7, 46-47

Abstract: In Kungurskoye Predural'ye, where one ordinarily sees growing naturally during the time from June to August the Echium vulgare L. as a biennial, this plant appears as a highly productive source of nectar. Its nectar productivity in 1954 amounted to 500 kg. per 1 ha. of planting. It occupied about 10 ha. of buckwheat. The Echium vulgare L. may be a prospective crop for nectar-bearing on the flinty low-yielding carbonate soils

Card 1/2 134

USSR / Cultivated Plants. Commercial. Oil-Bearing. M-5
Sugar-Bearing.

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25194

Abstract: of the slopes and high ridges in the rayons of South-East and Southern Predural'ye. -- A. M. Smirnov

Card 2/2

YERMAKOVA, I. A.

"The Nutritional Value of Pasture Fodders of the Chernozem Soils in Wintertime and Their Utilization." Cand Agr Sci, All-Union Sci Res Inst of Fodders, Moscow, 1953. (RZhBiol, No 3, Oct 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

So: Sum. No. 481, 5 May 55

YERMAKOVA, I. A.

USSR / Farm Animals. Small Horned Stock Q

Abs Jour: Ref Zhur-Biol., No 5, 1958, 21464

Author: Yermakova I. A.
Inst :
Title : Availability of Carotene to Sheep under Pasture Maintenance Conditions in the Kara-Kum Desert (Obespechenmost' ovets karotinom pri pastbishchnom soderzhanii v Kara-Kumakh)

Orig Pub: Izv. AN Turkm SSR, 1957, No 2, 119-122

Abstract: The sheep pasturing in the Kara-Kum Desert are not uniformly supplied with carotene throughout the year. In April, they get 222-223 mg.; in May, 144-160 mg.; in July, when seudek [?] and Chrosophora sabulosa develop, they obtain ~202 mg.; when these annuals are deficient - 5 mg.; finally, in the fall, they get but 2 to 5 mg. of carotene. Deficiency in carotene intake

Card 1/2