

SOV/85-58-10-27/34

AUTHOR: Ivannikov, I., USSR Champion, Master of Sports; Matveyev, V.,  
Master of Sports; and Lebedinskiy, M.

TITLE: At All-Union Model-aircraft Airfields (Na Vsesoyuznykh avia-  
model'nykh startakh)

PERIODICAL: Kryl'ya rodiny, 1958, Nr 10, pp 27-31 (USSR)

ABSTRACT: The authors report on the All-Union model-aircraft competition of  
Komsomol members in honor of the 40th anniversary of the VIKSM.  
The contest took place in August [1958] at Tushino, the airfield  
of the Tsentral'nyy aeroklub SSSR imeni V.P. Chkalova (USSR Central  
Aeroclub imeni V.P. Chkalov). A detailed account is given of the  
records of individual teams and aircraft models, including scores.  
There are 7 photographs.

Card 1/1

IVANNIKOV, I.

The directors of publishing houses speak. Voenn. znan. 40 no.2:47  
F '64. (MIRA 17:2)

IVANNIKOV, I., mayor [Tukums Latvyskoy SSR]

Visually and instructively. Voen.znan. 39 no.10:26-27 0 '63.  
(MIRA 16:11)

IVANNIKOV, I.; DONSKOY, V.

On the whole, yes... Voen. znan. 40 no.12:29 D '62  
(MIRA 18:1)

IVANNIKOV, I., mayor

Arouse thought, declare the hearts of people. Komm. Voprush.  
Sil 46 no.15:70-74 Ag '65. (MIRA 18:9)

IVANNIKOV, I.A.

Baring the Rozdol region sulfur deposit in difficult hydrogeological conditions. Gor. zhur. no. 11:30-34 N '60. (MIRA 13:10)

1. Direktor Rozdol'skogo sernogo kombinata.  
(Lvov Province--Sulfur mines and mining)

IVONIN, Ivan Pavlovich; DAVYDOV, Viktor Viktorovich; ZORIN, Leonid  
Fedorovich; IVANNIKOV, Ivan Andreyevich; AKSENOV, V.P.,  
kand. tekhn. nauk, retsenzent; BYKHOVSKAYA, S.N., red.  
izd-va; MAKSIMOVA, V.V., tekhn. red.

[Open pit mining of native sulfur deposits] Otkrytaia raz-  
rabotka mestorozhdenii samorodnoi sery. Moskva, Gosgortekh-  
izdat, 1963. 303 p. (MIRA 17:1)  
(Sulfur mines and mining) (Strip mining)

IYANNIKOV, M. (st. Buzuluk, Chkalovskoy oblasti)

Increasing the stability of the TQK-3. Radio no.6:47 Je '56.

(MLRA 9:8)

(Electric apparatus and appliances)



SOV/84-58-9-43/51

AUTHOR: Ivannikov, M., Chief of the Shipping Department,  
Voronezh airport

TITLE: Bureaucratic Narrowness (Vedomstvennaya organichernost')

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 9, p 35 (USSR)

ABSTRACT: The author complains about the attitude of local as well as Moscow administrators of Special Purpose Aviation who deny the Voronezh airport planes for scheduled passenger air service on local oblast routes. Denial of planes is explained by a dispute concerning income which would be earned by the airport if equipment is detailed to it. Special Purpose Aviation, for its part, is anxious to use its aircraft for such assignments, the income from which falls to their credit.

Card 1/1

*IVANNIKOV, M.YA.*

GRIGOR'YEV, B.Ye.; UTESHEV, A.I.; IVANNIKOV, M.Ya., epizootolog.

Elimination of tuberculosis in cattle in Kursk Province collective farms. Veterinariia 34 no.11:81-83 N '57. (MIRA 10:12)

1. Veterinarnyy otdel kurskogo oblastnogo upravleniya sel'skogo khozyaystva. 2. Nachal'nik veterinarnogo otdela (for Grigor'yev). 3. Zaveduyushchiy epizooticheskim otdelom oblastnoy vetbaklaboratorii (for Uteshev).

(Kursk Province--Tuberculosis in animals)

GLAZKOV, A.; IVANNIKOV, N.

Simple preparation of die-casting molds. Mashinostroitel'  
no.11:32 N '62. (MIRA 15:12)  
(Die casting—Equipment and supplies)

IVANNIKOV, O.V.

Cement raw materials. [Pratsi] Inst. geol. nauk AN URSR. Ser.  
geol. rod. kor. kop. no.1:97-118 '63.

Sand for glass. Ibid.:128-140

(MIRA 18:6)

IVANNIKOV, P.; VERESHCHAGIN, I.

Role of collective farm trade in supplying the population  
of Voronezh. Sov.torg. no.6:27-29 Je '57. (MLRA 10:8)  
(Voronezh--Commerce)  
(Collective farms)

IVANNIKOV, P.

We fulfill our obligations. Sov.torg. 33 no.2:28-31  
F '60. (MIRA 15:5)

1. Nachal'nik oblastnogo upravleniya trgovli, Voronezh.  
(Voronezh Province--Retail trade)

PROSKURNIN, V.P., inzh.; PERESELENTSEV, I.F., inzh.; BAYEV, I.F., inzh.;  
IVANNIKOV, P.N., inzh.

Study of the characteristics of paper condensers saturated  
with chlorinated liquids. Elektrotehnika 36 no.8:18-21  
Ag '64. (MIRA 17:9)

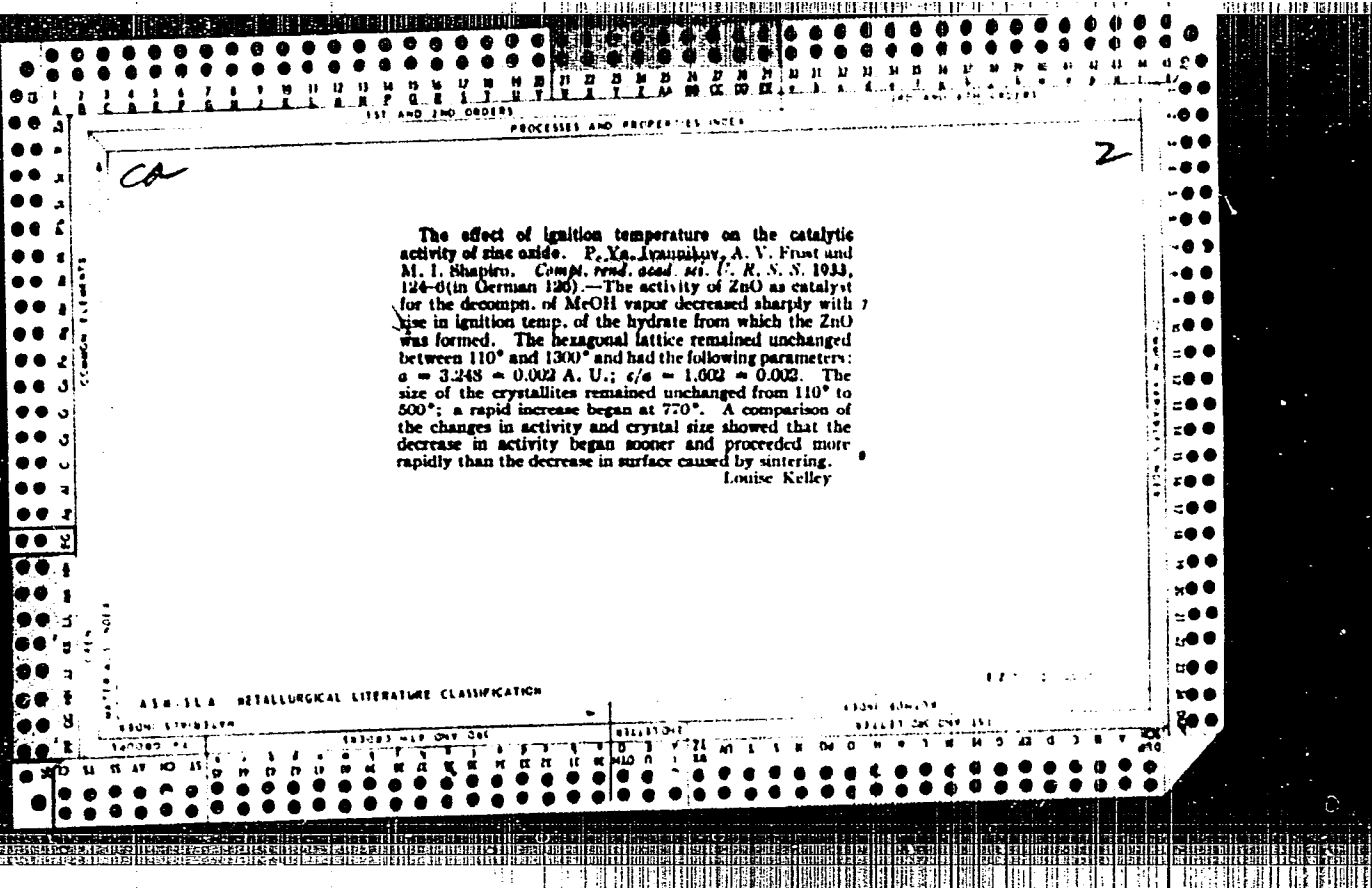
RECEIVED AND PRESENTED IN IS

Preparation and study of the tanning extract from *Rheum tataricum* seeds. P. IVANNIKOV. *Vestnik Kuzbasskoi Prom. Torgov.* 1929, 510-7; *Chem. Zvezd.* 1930, 11, 3084.—Tanning expts. with the exts. on sole leather were satisfactory. A. B.

AS - 554 METALLOGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50





Handwritten initials 'CS' in the left margin.

Handwritten number '10' in the right margin.

Preparing formaldehyde by dehydrogenation of methanol. P. V. Vysotskiy and A. V. Zherko. *J. Applied Chem.* (U. S. S. R.) 6, 1148-52 (1953). According to the expts. described, insignificant amounts of HCHO and large quantities of  $\text{HCO}_2\text{Me}$  were always obtained when a Cu catalyst (10-18 g.) was used with promoters such as various amounts of Ce (0.02, 0.1 and 0.5%) washed by various methods, dried and reduced, and the MeOH was passed at various velocities through the catalyst heated to 165°, 185° and 225°. The statement of Ghosh and Baku (*C. A.* 21, 2340) that "the problem of a catalyst for a continuous dehydrogenation of MeOH to HCHO is solved by using  $\text{ThO}_2$  as promoter; . . . still better results are obtained with  $\text{CeO}_2$ ," is questioned. I. and Z. state that the presence of HCHO can be proved only by direct and not by gas analysis. Since HCHO was found only in traces, it is concluded that the above problem has not yet been solved. A. A. Hochtlingk

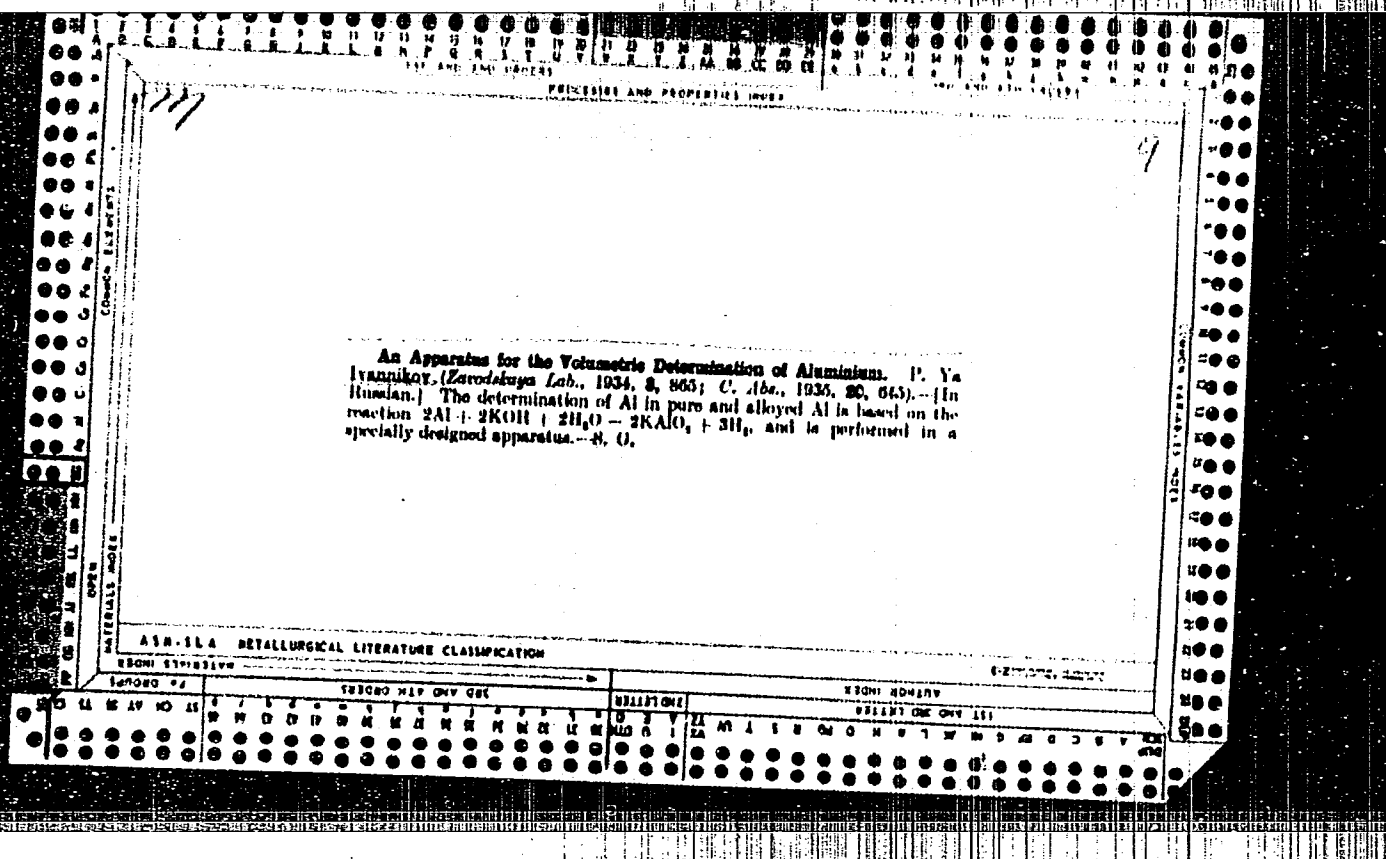
ASB-SL-A METALLURGICAL LITERATURE CLASSIFICATION

SEARCHED	INDEXED	SERIALIZED	FILED	ABSTRACTED	OTHER	NOTES	REMARKS
•	•	•	•	•	•	•	•

Structure and genesis of methanol catalysts. A. V. Frost, P. Ya. Ivanukov, M. I. Shapiro and M. N. Zolotarev. *Izv. Phys. Chem. U. S. S. R.*, 511-20 (1977).  
 With various Zn-Cu catalysts under the expl. conditions of Frolich *et al.* (C. A. 23, 1342), the compn. of the reaction products changed at 300° as observed by them. At 305° and 317° the compn. of the products was quite different. The activity of the catalysts decreased only very slowly. Lattice dimensions did not change with the compn. of the catalyst,  $a = 5.198 \pm 0.001 \text{ \AA}$  and  $c = 1.072 \pm 0.002$ . Microscopic and x-ray detn. of various prepns. of ZnO showed that the crystal size changed from  $0.8 \times 10^{-4}$  to  $1.5 \times 10^{-4} \text{ cm}$  on changing the 4 hr. annealing temp. from 110° to 130°, and that the adsorptive capacity toward methylene blue was approx. inversely proportl. to the crystal size, while the catalytic activity fell still more rapidly. A study of ZnO.Cr<sub>2</sub>O<sub>3</sub> catalysts in the ratios 1:1 and 1:1 indimed. resp. by 1000 pptn. and by simple mixing, showed that the size of the crystal of the 1st was always about 1/2 that of pure ZnO crystals, while the latter always gave the same wt. of blue, as for pure Cr<sub>2</sub>O<sub>3</sub> on annealing at any temp. above 110°. X-ray analysis showed spiral formation. The catalytic activity decreased rapidly

as the annealing temp. was raised with ZnO, or ZnO.Cr<sub>2</sub>O<sub>3</sub> and ZnO.Cr<sub>2</sub>O<sub>3</sub> but was const. for pure Cr<sub>2</sub>O<sub>3</sub> except above 300°. For a given treatment ZnO.Cr<sub>2</sub>O<sub>3</sub> was always more active catalytically, as measured by MeOH decompn. than pure ZnO. The greatest difference was obtained about 100° below the temp. of rapid spiral formation and was attributed to the production of distortions or "Lackerkstellen" later stabilized into the crystal.  
 I. H. Radwan

ASB 51.8 METALLURGICAL LITERATURE CLASSIFICATION





BC

2-1

**Catalytic decomposition of alcohols.** P. J. IVANILLOV and E. J. GAVRILOVA (*J. Chem. Ind. Russ.*, 1938, 12, 1258--1260).--The process of catalytic (CuO+0.1%ThO<sub>2</sub>) conversion of EtOH (I) into EtOAc (II) at 230--450° (optimum 350°) consists of the reactions (I) → MeCHO (III) + H<sub>2</sub>; 2(III) → (II); (III)+2(I) → CH<sub>3</sub>C(OEt)<sub>2</sub> (IV)+H<sub>2</sub>O; (II)+H<sub>2</sub>O ⇌ (I)+AcOH (V); (III)+H<sub>2</sub>O → (V)+H<sub>2</sub>; (IV)+(V) → (II)+(I)+(III). Production of (II) through the intermediary of (IV) is the dominant reaction at 300--350°. The reactions take place at the catalytic surface, and not in the vapour phase. R. T.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

1ST AND 2ND CATEGORIES      PROCESSES AND PROPERTIES INDEX      1ST AND 3RD CATEGORIES

*ca* *18*

Copper catalyst. P. Ya. Lyapunikov, and E. Ya. Gavrilova. Russ. 46,290, March 31, 1950. A Cu catalyst is prepd. by reduction by H<sub>2</sub> with U as a promoter of CaO prepd. by the action of alkali on a soln. of Cu(OAc)<sub>2</sub> contg. U acetate or nitrate.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

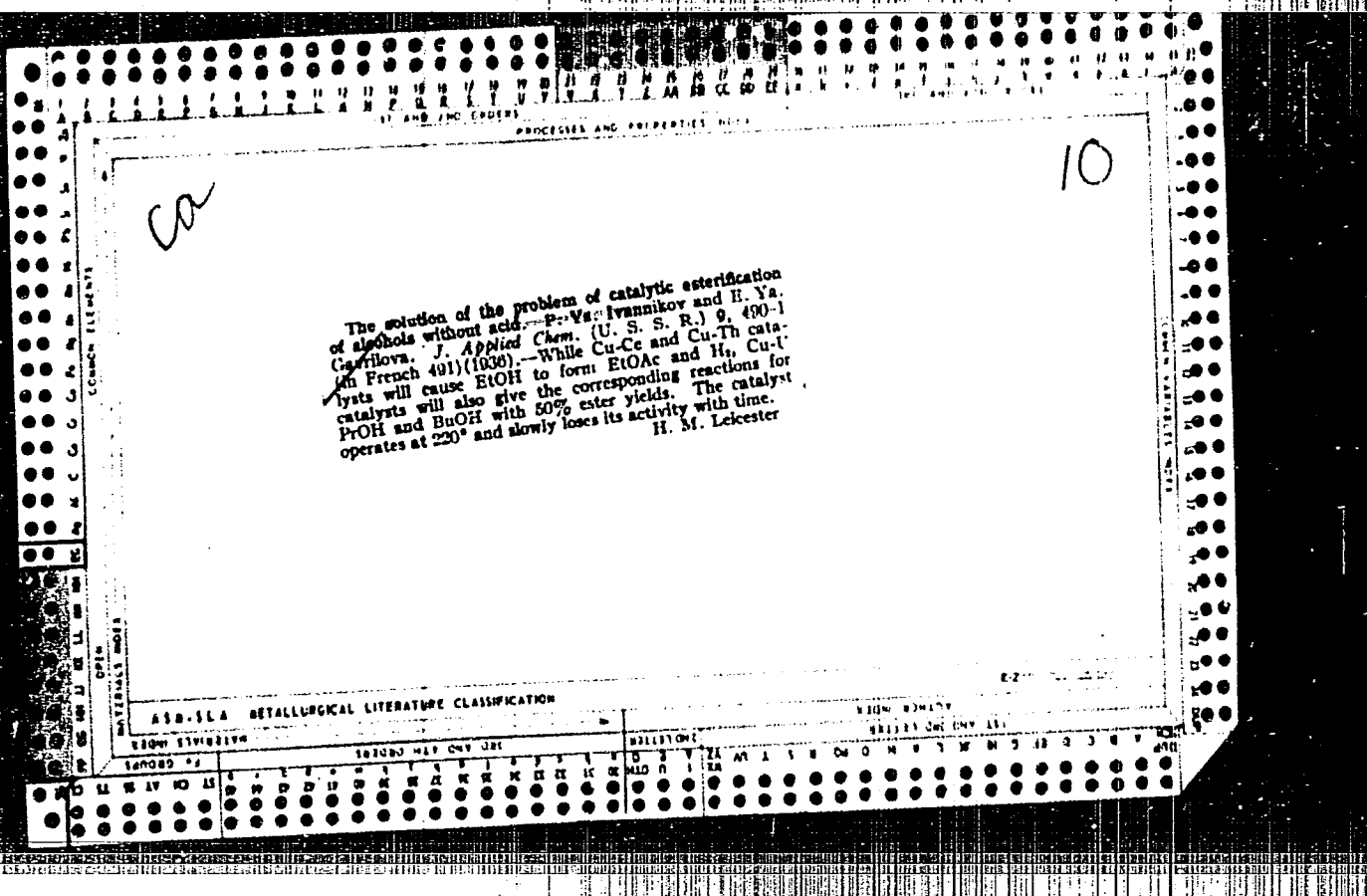
INTERNAL INDEX      COMMON ELEMENTS

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100











111 AND 112 Q80181

PROCESSES AND PROPERTIES INDEX

COMMON ELEMENTS

COMMON VARIANTS INDEX

OPEN

MATERIALS INDEX

Copper catalyst for esterification of alcohols. P. Ya. Ivannikov. Russ. 51,780, Aug. 31, 1938. A mixt. of  $CuO$  and an activator, e. g., U or Al oxide, is subjected to a pressure in excess of 3000 kg. per sq. cm.

ASB-11A METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND LETTERS

3RD AND 4TH LETTERS

5TH AND 6TH LETTERS

7TH AND 8TH LETTERS

9TH AND 10TH LETTERS

11TH AND 12TH LETTERS

13TH AND 14TH LETTERS

15TH AND 16TH LETTERS

17TH AND 18TH LETTERS

19TH AND 20TH LETTERS

21ST AND 22ND LETTERS

23RD AND 24TH LETTERS

25TH AND 26TH LETTERS

27TH AND 28TH LETTERS

29TH AND 30TH LETTERS

31ST AND 32ND LETTERS

33RD AND 34TH LETTERS

35TH AND 36TH LETTERS

37TH AND 38TH LETTERS

39TH AND 40TH LETTERS

41ST AND 42ND LETTERS

43RD AND 44TH LETTERS

45TH AND 46TH LETTERS

47TH AND 48TH LETTERS

49TH AND 50TH LETTERS

51ST AND 52ND LETTERS

53RD AND 54TH LETTERS

55TH AND 56TH LETTERS

57TH AND 58TH LETTERS

59TH AND 60TH LETTERS

61ST AND 62ND LETTERS

63RD AND 64TH LETTERS

65TH AND 66TH LETTERS

67TH AND 68TH LETTERS

69TH AND 70TH LETTERS

71ST AND 72ND LETTERS

73RD AND 74TH LETTERS

75TH AND 76TH LETTERS

77TH AND 78TH LETTERS

79TH AND 80TH LETTERS

81ST AND 82ND LETTERS

83RD AND 84TH LETTERS

85TH AND 86TH LETTERS

87TH AND 88TH LETTERS

89TH AND 90TH LETTERS

91ST AND 92ND LETTERS

93RD AND 94TH LETTERS

95TH AND 96TH LETTERS

97TH AND 98TH LETTERS

99TH AND 100TH LETTERS

PROCESSES AND PROPERTIES INDEX

10

*Ca*

Obtaining butyl butyrate from butanol by catalytic esterification without acid. P. Ya. Ivannikov, M. Tsyrankova and B. Ya. Gavrilova. *Org. Chem. Ind. (U. S. S. R.)* 5, No. 4 (1983); cf. C. A. 30, 7380; 31, 6192. A condensate contg. 72% EtCO<sub>2</sub>H<sub>2</sub> and pure II were obtained by passing BuOH over 10% of the CuCl catalyst at 240-40° and a velocity of 30 cm<sup>3</sup>/hr. The catalyst was previously used continuously for 9 hrs in the esterification of EtOH at 240°. It showed no signs of deactivation after use for a month. Chas. Blanc

METALLURGICAL LITERATURE CLASSIFICATION



PROCESSES AND PROPERTIES INDEX

10

CA

Pressed catalysts. P. Ivanikov. *J. Gen. Chem.* (U. S. S. R.) 9, 170-7 (1930).-- It is said that highly active and mechanically strong solid catalysts can be obtained from nonfusible or thermally unstable oxides by pressing the powd. dry pptts. at room temp. and 3000-30,000 kg./sq. cm. Microscopic and x-ray exams. showed that the highly dispersed state of the pptd. catalysts is but little affected by this treatment. In the catalytic esterification of R(OH) at 200-350° a greater yield of AcORt and a lower yield of AcOH were obtained with the compressed contact mixt. of CuO, Al<sub>2</sub>O<sub>3</sub>, TiO<sub>2</sub> and PbO, 2.4 parts than with the loose catalyst. Chas. Blanc

METALLURGICAL LITERATURE CLASSIFICATION





A

**Esterification of various primary alcohols in the absence of acids.** P. Ivanukov. *J. Applied Chem. (U. S. S. R.)* 13, 118-21 (in French, 121)(1940). - The following primary alcs. were esterified at 220-310° in the presence of the catalyst CuO + 10.8% UO<sub>2</sub>: EtOH, PrOH, BuOH, iso-BuOH, AmOH, iso-AmOH, Me(CH<sub>2</sub>)<sub>3</sub>CH<sub>2</sub>OH; the yields were 81-75.0%. The esterification proceeded according to the reaction:  $2RCH_2OH \rightarrow RCO_2CH_2R + 2H_2$ . The velocity of flow of alc. over the catalyst was varied from 300-2400 cc. per l. of catalyst per hr. The following mixts. of alcs. were esterified in the presence of 20 g. of the catalyst at 370° with the velocity of alc. flow of 1200 cc./hr. per l. of catalyst: EtOH - BuOH, EtOH - iso-AmOH, and EtOH - Me(CH<sub>2</sub>)<sub>3</sub>CH<sub>2</sub>OH; 66.3-65.2% of alcs. used was esterified. In this case, the reaction was  $4RCH_2OH + 4R'CH_2OH \rightarrow RCO_2CH_2R + R'CO_2CH_2R' + RCO_2CH_2R' + R'CO_2CH_2R + 8H_2$ . The development of side reactions was negligible in all cases. The catalyst used was found to be more specific, stable, active and effective than other Cu catalysts.

A. A. Podgorny

ASR-5LA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS PROCESSES AND PROPERTIES INDEX

10

Reaction of acid-less esterification of alcohols at low temperatures. P. Ya. Lyapunov (Leningrad High Pressure Inst.). *J. Gen. Chem. (U.S.S.R.)* 17, 1103-4 (1947) (in Russian).—The reaction  $4RCH_2OH + 4R'CO_2CH_2R + R''CO_2CH_2R + R'''CO_2CH_2R + 8H_2$  can proceed at temps. below 200° when an active Cu-promoted catalyst and low velocities (40–60 cc. alc. per hr. per l. catalyst) are used. The gas is almost pure  $H_2$  and its amt. corresponds closely to theoretical. The following % conversions to esters were observed for the various alcs.: EtOH, 25% at 140°, 45% at 160°, 56% at 180°, and 65% at 200°; PrOH, 48% at 180° and 64% at 200°; BuOH, 70% at 180° and 76% at 200°; iso-AmOH, 73% at 200°. No data are given as to the prepn. and compn. of the catalyst used, but reference is made to more detailed discussion in l.'s dissertation "Studies in the acid-less catalytic esterification of alcs." Leningrad Chem. Tech. Inst. 1939; cf. *C.A.* 33, 1059<sup>a</sup>; 34, 7847<sup>a</sup>. G. M. Kosolapoff

ASAC-SLA METALLURGICAL LITERATURE CLASSIFICATION

1400000 04

1400000 04

1400000 04

CA

Thermodynamics of the dehydration of alcohols - the  
equilibrium of the reaction:  $2C_2H_5OH \rightleftharpoons CH_3COOC_2H_5 +$   
 $2H_2$ . A. A. Vvederskii, P. Ya. Ivannikov, and V. A.  
Nekrasova (Leningrad Inst. High Pressures). *J. Gen.*  
*Chem. U.S.S.R.* 19, 1087-93 (1949) (Engl. translation).—  
See C.A. 43, 8347b. H. J. C.

PROCESSES AND PROPERTIES INDEX

7

CA

Thermodynamics of the dehydrogenation reactions of alcohols. The equilibrium  $2C_2H_5OH \rightleftharpoons CH_3COOC_2H_5 + 2H_2$ . A. A. Vvedenskii, P. Ya. Ivannikov, and V. A. Nekrasova. *Zhur. Obshchei Khim.* (J. Gen. Chem.) 19, 1094-1100 (1949).—From detas. of the equil. constan. between 181 and 201.5°,  $K_p$  (av.) = 1.075 and 1.705, at 181° and 201.5°, resp. Hence,  $\Delta H = 9620$  cal./mole, and  $\log K_p = -(9620/4.57 T) + 4.90$ . With the aid of the heat-capacity equations, for  $H_2$ ,  $C_p = 0.711 + 0.0002774 T + 0.000001100 T^2$ ; for  $AcOH$ ,  $C_p = 2.27 + 0.68 T - 0.00003280 T^2$ ; and for  $EtOH$ ,  $C_p = 5.5050 + 0.04822 T - 0.00001639 T^2$ , one finds  $\Delta H = \Delta H_0 + 4.627 T - 0.0009426 T^2 + 0.000007704 T^3$ . Hence, with the expl.  $\Delta H = 9620$  cal. at the mean temp. 184.3°K.,  $\Delta H_0 = 7863$  and  $\Delta H_{298} = 9063$  cal./mole, and  $\log K_p = (1676.7/T) + 2.33 \log T - 0.0002031 T + 0.00000004 (1676.7/T) + 2.33 \log T$ . The heat of formation of  $AcOH$  from the elements in the standard state,  $4C$  (graphite) +  $6H$  (gas) +  $1/2 O_2$  (gas)  $\rightarrow AcOH$  (gas), is  $\Delta H_{f,0} = -101,144$  cal./mole, and the free energy  $\Delta F_{f,0} = -70,800$  cal./mole; the standard entropy of  $AcOH$ ,  $S_{f,0} = 90.11$  cal./mole/degree. The latter value is at variance with Parks and Huffman's  $S_{f,0} = 62.0$ , which corresponds to  $S_{f,0} = 87.07$ , and leads to  $\log K_p$  values inconsistent with those found experimentally. N. Thon

*Low-Pressure High Pressures*

METALLURGICAL LITERATURE CLASSIFICATION

IVANNIKOV, S.G., kand.sel'skokhozyaystvennykh nauk

Changing the nature of certain solanaceous and leguminous plants  
through vegetative hybridization. Trudy Kish. sel'khoz. inst.

3:195-207 '55.

(MIRA 11:7)

(Nightshade) (Beans) (Grafting)

Country : USSR  
Category : Cultivated Plants. Potatoes. Vegetables. Melons. M

Abs Jour : RZhBiol., No 6, 1959, No 24896

Author : Ivannikov, S. G.  
Inst : Tiraspol' State Pedagogical Institute.  
Title : Grafting among the Wild Species of the Solana-  
ceous Family.  
Orig Pub : Uch. zap. Tiraspol'skiy gos. ped. in-t, 1957,  
vyp. 4, 79-84

Abstract : Out of 78 graftings of cherry-like tomatoes on the red nightshade, large fruits were obtained only on one cluster (2.6 g in place of 1 g). In  $F_1$  and  $F_2$ , the fruits attained a weight of 6.9, 9.6, 16.6, 23.3, and 24.9 g. They were of a round and flat shape, and their chamber capacity increased from 2 to 5-6 and 8-13.  $F_2$  was characterized by a great variety of shapes. -- I. P. Pavlov

Card : 1/1

IVANNIKOV, S.G.

Works on the mentor effect of alien pollen on self-fertilization in corn. Nauch.dokl.vys.shkoly: biol.nauki no.4:201-205 '60. (MIRA 13:11)

1. Rekomendovana kafedroy botaniki Tiraspol'skogo pedagogicheskogo instituta.

(CORN BREEDING)

NIKOLAYEVA, N. G.; IVANNIKOV, S. G.

Change in the grains of corn under the influence of increased  
doses of 2,4-D. Uch. zap. Tir. gos. ped. inst. no. 9:201-205  
'60. (MIRA 16:1)

(Corn(Maize)) (2,4-D)



IVANNIKOV, S.G., kand.sel'skokhozyaystvennykh nauk

Effect of sunflower pollen on the fertilization of corn in  
self-pollination. Agrobiologia no.4:623-624 J1-Ag '61.  
(MIRA 14:7)

1. Tiraspol'skiy gosudarstvennyy pedagogicheskiy institut,  
Tiraspol'.

(Fertilization of plants) (Corn breeding)

IVANNIKOV, S.G., kand.sel'skokhozyaystvennykh nauk

Second flowering of an annual. Priroda 50 no.4:115-116 Ap '61.  
(MIRA 14:4)

1. Biologicheskaya stantsiya Tiraspol'skogo pedagogicheskogo  
instituta.

(Plants, Flowering of) (Chick-pea)

IVANNIKOV, S.G., kand.sel'skokhoz.nauk

Proliferation of the inflorescence of the sunflower. Priroda  
51 no.5:60 My '62. (MIRA 15:5)

1. Biologicheskaya stantsiya Tiraspol'skogo pedagogicheskogo  
instituta.

(Sunflowers) (Proliferation)

IVANNIKOV, S. P. Cand Agr Sci -- (diss) "Selection of forest-steppe <sup>grown</sup> aspens  
~~according to the rate~~ <sup>on the basis of speed</sup> of growth, rot resistance, and quality of wood." Mos, 1956.  
16 pp 21 cm. (Min of Higher Education. Mos Forestry Engineering Inst), 110 copies  
(KL, 15-57, 106)

AMUCHIN, N.P., prof., otv. red.; BLAGODAVSKAYA, M.M., red.;  
DERYABIN, D.I., kand. sel'khoz. nauk, red.; ZHELEZNIKOV,  
G.F., kand. sel'khoz. nauk, red.; IVANNIKOV, S.P., kand.  
sel'khoz. nauk, red.; IVANOV, G.G., red.; LARYUKHIN, G.A.,  
kand. tekhn. nauk, red.; LOSITSKIY, K.B., doktor sel'khoz.  
nat' zam. otv. red.; MIRONOV, V.V., kand. sel'khoz. nauk,  
red.; RODIONOV, A.Ya., kand. sel'khoz. nauk, red.;  
TRUBENIKOV, M.M., kand. ekon. nauk, red.; CHEVEDAYEV, A.A.,  
kand. sel'khoz. nauk, red.; SHURAKOV, V.S., kand. sel'khoz.  
nauk, red.; YURGERSON, P.B., doktor biol. nauk, red.; TROPIN,  
I.V., kand. sel'khoz. nauk, red.

[Studying the performance of new machinery in silvicultural  
work; scientific papers] Issledovanie rabochikh protsessov  
novykh mashin na lesokul'turnykh rabotakh; nauchnye trudy.  
Moskva, Izd-vo "Lesnaia promyshlennost'," 1964. 111 p.

(MIRA 17:7)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut  
lesovodstva i mekhanizatsii lesnogo khozyaystva.

DMITRIYEV, Yu.V.; MAZUROV, I.V.; IVANNIKOV, V.I.

Electrolytic polishing and electrolytic peening of SAP (sintered  
aluminum powder). Zav.lab. 30 no.3:316 '64. (MIRA 17:4)

1. Moskovskiy aviatsionnyy tekhnologicheskij institut.

MAKHLIN, Z., inzh. (Leningrad); SHNEYDER, V. (g. Anzhero-Sudzhensk,  
Kemerovskoy oblasti); IVANNIKOV, V., inzh. (Novosibirsk);  
PEKELIS, G., inzh. (Leningrad); KIRYUSHIN, N., inzh. (Krasnodar)

Suggested, created, introduced. Izobr. i rats. no.7:20-21 J1 '61.  
(MIRA 14:6)

1. Zamestitel' predsedatelya soveta Vsesoyuznogo obshchestva  
izobretateley i ratsionalizatorov obogatitel'noy fabriki 9-15  
(for Shneyder).

(Technological innovations)

FILIPSKIKH, A.A., inzh.; IVANNIKOV, V.D., inzh.; BURUMENSKIY, N.D., inzh.

Semiautomatic welding with a powder wire at a construction site.  
Svar. proizvod. no.8:31 Ag '64. (MIRA 17:9)

1. Dnepropetrovskoye stroitel'noye upravleniye No.460 tresta  
"Ukrenergochermet" (for Filipskikh, Ivannikov). 2. Trest  
"Ukrenergochermet" (for Burumenskiy).



IVANNIKOV, V. F.

USSR/Agriculture - Fertilization

Card 1/1 : Pub. 77, 20/26

Authors : Yakushkin, I. V., Active Mem. of the Lenin Agri. Acad.; and Ivannikov, V. F., Aspirant to the chair of plant culture, Timiryazev Acad.

Title : Feeding grain plants by air

Periodical : Nauka i zhizn' 21/7, 38, July 1954

Abstract : It is found that plants, especially grain, can be "fed" by sprinkling chemicals on the stalks as well as by embedding them in the soil to be absorbed by the roots. Successful work of this kind has been done by the use of an airplane. Figures of results obtained with various kinds of grain are presented. Illustration.

Institution : ...

Submitted : ...

IVANNIKOV, V.F., nauchnyy sotr.; PAKHOMOV, A.Ya., nauchnyy sotr.; UCHAYKIN, V.D., nauchnyy sotr.; FOMIN, I.P., nauchnyy sotr.; TIMOFEYEV, D.T., nauchnyy sotr.; TRET'YAKOV, G.P., red.; SEMENCHUK, S.I., red.; YASHCHEN'KINA, Ye.A., tekhn. red.

[Improve cultivation practices and increase sugar beet yields] So-  
vershenstvovat' agrotekhniku, povyshat' urozhai sakharnoi svekly.  
Kuibyshev, Kuibyshevskoe kniaznoe izd-vo, 1960. 52 p.

(MIRA 14:10)

1. Kinel'skaya selektsionnaya stantsiya Kuybyshevskogo sel'sko-  
khozyaystvennogo instituta (for Ivannikov, Pakhomov, Uchaykin, Fo-  
min, Timofeyev)

(Sugar beets)

IVANNIKOV, V.F.; GLEKHOVTSEVA, N.I.

Parent material for spring wheat breeding at the Kinel' Station.

Agrobiologiya no.6:835-839 N-D '65.

(MIRA 13:12)

1. Kuybyshevskiy sel'skckhozyaystvennyy institut, kafedra  
selektzii i semenovodstva.

ACCESSION NR: AP4020047

S/0032/64/030/003/0316/0316

AUTHORS: Dmitriyev, Yu. V.; Mazurov, I. V.; Ivannikov, V. I.

TITLE: Electrical polishing and etching of SAP [sintered aluminum powder]

SOURCE: Zavodskaya laboratoriya, v. 30, no. 3, 1964, 316

TOPIC TAGS: aluminum powder, sintered aluminum powder, electrical polishing, electrical etching, structure, SAP

ABSTRACT: Electrical polishing followed by electrical etching was used to disclose the structure of sintered aluminum powder. Electrical polishing was accomplished by removing a mechanically deformed layer by anodic decomposition until the surface of the metal was smooth and free of structural distortions. The electrolyte consisted of  $H_3PO_4$  (1.7), 300 ml;  $H_2SO_4$  (1.8), 100 ml;  $CrO_3$ , 40 g; and  $H_2O$ , 40 ml. A current of 80-100 amp/dm<sup>2</sup> was used, and the solution was stirred throughout the process. The work was considered finished when a microscopic examination showed the surface to be sufficiently smooth. Etching was accomplished in the same solution but with a current of 10-15 amp/dm<sup>2</sup>. The polished plate was then washed

Card 1/2

ACCESSION NR: AP4020047

with warm water, fixed in concentrated HNO<sub>3</sub>, and chilled in cold water. Orig. art. has: 2 microphotographs.

ASSOCIATION: Moskovskiy aviatsionnyy tekhnologicheskiy institut (Moscow Institute of Aviation Technology)

SUBMITTED: 00

DATE ACQ: 27Mar64

ENCL: 00

SUB CODE: ML

NO REF SOV: 000

OTHER: 000

Card 2/2

ACC NR: AP7002621 (A, V) SOURCE CODE: UR/0413/66/000/023/0115/0138

INVENTOR: Pogibko, M. G.; Kaplanets, Yu. N.; Ivannikov, V. K.

ORG: None

TITLE: A device for checking, signalling and controlling the temperature of liquid and gaseous explosive media. Class 74, No. 189333 [announced by the Donetsk Scientific Research and Design Institute for Automation of Mining Machinery (Donetskiy nauchno-issledovatel'skiy i proyektnyy institut avtomatizatsii gornykh mashin)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 23, 1966, 138

TOPIC TAGS: temperature control, temperature measurement, explosive, electronic measurement

ABSTRACT: This Author's Certificate introduces a device for checking, signalling and controlling the temperature of liquid and gaseous explosive media. The unit contains a sensing element in the form of a set of thermistors, each of which is connected to one of the arms of an unbalanced bridge. The device also contains sparkless non-contact relays with transistorized blocking generators, a power supply and a meter. The design provides for high sensitivity and fairly strong control signals with relay characteristics. These signals may be used for direct control of actuating mechanisms. The transistors, which act as nonlinear resistors, have their inputs connected to unbalanced bridges while their outputs are connected to the relay control windings which serve for both starting and stopping.

SUB CLDE: 621 SUBM DATE: 29Oct62

Card 1/1

UDC: 536.537.082.64

0930 2739

IVANNIKOV, Ye. (g.Moskva)

Consult the key workers. Okhr.truda i sots. strakh. no.5:67  
My '59. (MIRA 12:9)

1. Inzhener po tekhnike bezopasnosti Krasnoprosenenskogo  
tramvaynogo dela.  
(Industrial hygiene)

USSR/Zooparasitology. Ticks and Insects in Disease Vectors.  
Mites.

G

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77036.

Author : Ivannikova, A.A.

Inst : Iz Tsentral'nogo Desinfektsionnogo Instituta

Title : The Acaricide Substances Chlordane and Heptachlor.

Orig Pub: Zh. mikrobiol., epidemiol. i immunobiologii, 1957,  
No 6, 126-130.

Abstract: During the application of 10% dusts at  $0.5 \text{ g/m}^2$  (per effective substance) on wood and glass surfaces, starved larvae of *Ixodes persulcatus* perished in 24 hours with a 5-minute exposure to DDT and heptachlor (I) at 97-100% and to chlordane (II) at 70-91%. Filled larvae perished completely in 24 hours from all three preparations after only hourly exposures. Starved nymphs

Card : 1/2

24



USSR / General and Specialized Zoology. Insects. Harmful Insects and Acarids. Chemical Methods in the Control of Harmful Insects and Acarids. P

Abs Jour : Ref Zhur - Biol., No 18, 1958, No. 32930

Author : Ivannikova, A. A.  
Inst : Central Scientific Research Institute for Disinfectants  
Title : Insecticide Properties of Chlordane and Heptachlor

Orig Pub : Tr. Tsentr. n.-i. dezinfects. in-ta, 1957, vyp. 10, 205-210

Abstract : No abstract given

Card 1/1

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619010013-0  
USSR / General and Specialized Zoology. Insects. Harmful Insects and Acarids. Chemical Methods in the Control of Pathogenic Agents. Insects. G

Abs Jour: Ref Zhur-Biol., No 6, 1959, 24315.

Author : Ivannikova, A. A., Karavashkova, A. I.  
Inst : Not given.  
Title : An Experiment in Utilizing Chlordane in Fly Control.

Orig Pub: Med. parazitol. i parazitarn. bolezni, 1957, 26, No 6, 733-736.

Abstract: According to the mechanism of its action, chlordane (Ch) is a contact-fumigational insecticide. In volatility, it yields somewhat to hexachlorocyclohexane and is considerably superior to DDT. Ch is applicable in adult fly control for treatment of surfaces only outside inhabited rooms, from a calculation of 2-3 g/m<sup>2</sup> of the active sub-

Card 1/2

*Cent. Sci Res Disinfection Inst.  
Moscow Disinfection Station*

USSR / Zooparasitology. Acarina and Insects. Vectors G  
of Pathogenic Agents. Insects.

Abs Jour: Ref Zhur-Biol., No 6, 1959, 24315.

Abstract: stance. Applied to the surface, Ch loses its toxic properties after 10-15 days. Upon applying Ch on inside surfaces of sanitary installations, after 4 hours 82% of the flies perished, and after 10 days, 34%. Ch possesses considerable larvicidal properties. On a sector with daily treatment of the content of garbage cans and the soil around them (100 g/m<sup>2</sup> of 10% dust or 200-500 ml/m<sup>2</sup> of 2-5% emulsion of Ch), the number of flies decreased, in July by 10, in August by 20 times. The best effect of Ch is assured by its simultaneous application against flies as well as against larvae. -- A. P. Adrianov.

Card 2/2

52

IVASHKOVA, A.A., Cand Bio Sci--(disc) "Insecticide and acaricide properties of chlordan and heptachlorine in regard to certain arthropods --carriers of diseases of humans." Len, 1958. 28 pp (Acad Med Sci USSR), 200 copies (II,45-58,145)

- 54 -

IVANNIKOVA, A. A., SHMAYDER, YE. V.

"Inaecticide properties of chlordan, heptachlorine, diazinone  
and chlorophos."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists  
and Infectionists, 1959.

IVANNIKOVA, I.M.

Comparison study of some physical properties of linen, cotton,  
and rayon staple fabrics affecting their hygienic characteristics.  
Izv. vys. ucheb. zav.; tekhn. tekst. prom. no.4:23-29 '65.

(MIRA 18:9)

1. Tsentral'nyy nauchno-issledovatel'skiy institut promyshlennosti  
lubyanykh volokon.

KIRILLOVA, G.N.; IVANHIKOVA, L.B.; RADCHENKO, G.O.

Synthesis of cellulose acetoacetate. Zhur. prikl. khim. 37  
no.12:2701 D '64. (MIPA 18:3)

IVANNIKOVA, N. N.

Chemical Abst.  
Vol. 48 No: 6  
Mar. 25, 1954  
Foods

The use of radiant energy for the drying of highly hydrated food biocolloids. N. A. Ivannikova. *Ukrain. Khim. Zhur.* 16, No. 5, 569-87 (1950) (in Russian). --When infrared radiation is used to dry foods (e.g., bread), the sample reaches a higher temp. and reaches it more quickly than when convection drying is used. In infrared drying, the area of max. temp. is located approx. 2 mm. below the surface, so that thermal and concentrational diffusion join forces near the surface to expel moisture from the sample. In convection drying, these 2 types of diffusion act in opposite directions. To det. the H<sub>2</sub>O content of bread, a 5-g. sample is suspended from the pan of a balance and immersed in vegetable oil to prevent oxidation. It is then irradiated with 2 infrared lamps for 3 min. and its loss in wt. detd. Results agree with drying-oven results to within 0.2%. Replacement of infrared lamps by hot-plates gives more uniform but slower heating.

Q True Sec

6-16-54  
DMM

IVANNIKOVA, N. A.

Ivannikova, N. A.

"Investigation of the process of drying wheat for seed in order to determine the maximum permissible speed of drying." Joint Academic Council, All-Union Sci Res Inst of the Mechanization of Agriculture (VIM) and All-Union Sci Res Inst of the Electrification of Agriculture (VIESKh). Moscow, 1956.  
(Dissertation for the Degree of Candidate in Technical Sciences).

SO: Knizhnaya letopis'  
No. 25, 1956. Moscow



IVANNIKOVA, R. V.

Ivannikova, R. V. -- "Influence of Portland Cement on the Strength and Water Resistance of Certain Gypsum Cements." Min Higher Education USSR, Moscow Order of Labor Red Banner Engineering-Construction Inst imeni V. V. Kuybyshev, Moscow, 1955 (Dissertation for the Degree of Candidate in Technical Sciences)

SO: Knizhnaya Letopis', No 24, 11 June 1955, Moscow, Pages 91-104

VOLZHENSKIY, A., professor; IVANNIKOVA, R., inzhener

Gypsum cement and gypsum slag binding materials. Stroi. mat.  
izdel. i konstr. 1 no.4:13-16 Ap'55. (MIRA 8:10)

1. Chlen-korrespondent Akademii arkhitektury SSSR (for Volzhen-  
skiy)

(Gypsum) (Building materials)

KRISTAL'NYY, Vladimir Samoylovich; KITAYEV, V.Ye., retsenzent;  
IVANNIKOVA, S.N., retsenzent; KUZNETSOV, S.N., otv. red.  
OBRATSOVA, Ye.A., red.

[Electrician of long-distance telephone exchanges] Monter  
mezhdugorodnoi telefonnoi stantsii. Moskva, Sviaz', 307 p.  
(MIRA 17:9)

551 51451-6158  
 1.8-246  
 Levina, A. I. and Ivannikova, T. F. Meteorologicheskie usloviya v rabochikh pomesh-  
 cheniakh ekskavatorov v SSSR. [Meteorological conditions in worker's  
 premises in excavators in Central U.S.S.R.] *Gigiena i Sanitariya*, Moscow, No. 6:14-16,  
 June 1951. DLC—The meteorological conditions, namely air temperature and movement  
 and relative humidity within the work cabin and the machine shop of excavating projects  
 are described. The air temperature difference between interior and outside air varied with  
 the excavations and did not exceed the official standards during the warm season. The  
 relative humidity of the air varied between 31-63% while the outside relative humidity  
 ranged between 36 and 76%, the air movement near the work stands ranged between 0 and  
 0.5 m/sec. The warmth sensations of the machinists and their helpers were different for the  
 same air temperatures because of varying exposure to uncomfortable conditions. Methods  
 of increasing comfort especially by means of air movement at place of work are suggested.  
 Subject Headings: 1. Indoor climates. 2. Comfort climate. 3. Central U.S.S.R.—I.L.P.

*graphical 2 3*  
*8*

*Wf*  
*JK*

IL'INA, L. I.; IVANNIKOVA, T. N.

Studies on electric activity of the cerebral cortex in hypertension. Tr. Akad. med. nauk SSSR, Vol.20:49-56 1952. (OIML 25:5)

1. Of the Pathophysiology Laboratory (Head — S.V. Andreyev, Doctor Medical Sciences), Institute of Therapy (Director — A.I. Myasnikov, Active Member AMS USSR), Academy of Medical Sciences USSR.

EXCERPTA MEDICA Sec. 6 Vol. 11/5 May 57

*IVANNIKOVA, T. N.*

3374. ILYINA L. I. and IVANNIKOVA T. N. \*Changes in the electric potential of the human EEG synchronous with the cardiac rhythm (Russian text) TER. ARKH. 1955, 27/5 (37-45) Graphs 2 Tables 3

The finding of other workers as to the appearance in some EEG's of changes in potential synchronous with the heart rhythm is confirmed. A great number of EEG's were studied in normal individuals and in patients. In the former, the phenomenon was not observed except in some cases of doubtful cerebral integrity. It was recorded in 61% of the patients with hypertension. More detailed observations revealed some more important characteristics e. g. the incidence was directly proportional to the age and above all to the gravity of the hypertension. It was found that certain leads show 'discordant' voltages, i. e., with oscillations in the opposite direction, whereas they are 'concordant' in benign cases. The hypothesis is offered that it might be a mere spreading of the common ECG as is sometimes found in conditions of high voltage and great conductivity of the tissues. In this case, the discordance of the phenomenon would be a particular instance of the discordant ECG (high R1, deep S3). This hypothesis does not agree with the fact that in some normal and rheumatic individuals with ECG of high voltage the 'heart beat potential' (HBP) was not recorded. On the other hand, in some hypertensive patients with normal electric axis a HBP of the 'discordant' type was recorded, whereas in others with a strong deviation of the electric axis the superimposed potential was a 'concordant' one. It is assumed that the phenomenon described takes its origin in the pathological condition of the sclerosed cerebral blood vessels.

Levin - Buenos Aires (VI, 8)

IVANNIKOVA, T. N. *Gen Biol Sci* -- (diss) "Electroencephalographic [REDACTED] examinations of hypertension patients during the action of various neutropic substances." Mos, 1958. 16 pp (*Acad Med Sci USSR*), 200 copies (KL, 36-58,11)

IVANNIKOVA, T.N.

Electroencephalographic investigation of changes in the central nervous function in hypertension patients following the use of various neurotropic substances. Gip.bol. no.5:52-70 '58.

(MIRA 13:5)

(HYPERTENSION)

(CEREBRAL CORTEX)



IL'INA, L.I.; IVANNIKOVA, T.N. (Moskva)

Electrical activity of the cerebral cortex in patients with the cardial form of rheumatic fever. Vrach.delo no.6:591-596 Je '59.

(MIRA 12:12)

1. Institut terapii AMN SSSR (direktor instituta - deystvitel'nyy chlen AMN SSSR, prof. A.L. Myasnikov).

(ELECTROENCEPHALOGRAPHY)

(RHEUMATIC HEART DISEASE)

USSR/Biology - Physiology

FD-2251

Card 1/1 Pub 17-2/20

Author : Kogan, A. B.; Ivannikova, T. V.

Title : Conditioned visual reflexes in cats having occipital lobes of cerebral hemispheres removed at an early age

Periodical : Byul. eksp. biol. i med. 3, 6-9, Mar 1955

Abstract : Investigated conditioned visual nutritive reflexes in a group of 24 cats and 2 puppies, half of which had the occipital lobes of the cerebral hemispheres removed at the age of 2-4 weeks. The other half of the group served as control. Also observed gross changes in cerebral hemispheres of experimental animals from 1 to 90 days after operation. Tables; photographs. Three references; all USSR, one since 1940.

Institution: Chair of Human and Animal Physiology (Head-Prof. A. B. Kogan) of the Rostov State University imeni V. M. Molotov

Submitted : April 6, 1954. Presented by Academician K. M. Bykov

IVANNIKOVA, T. V. Cand Biol Sci -- (diss) "On the functional and anatomic restoration of the cortical section of the visual analyzer after its removal at an early age." Rostov-on-Don, 1957. 11 pp (Rostov-on-Don State Univ. Chair of Physiology of Humans and Animals), 100 copies (KL, 3-58, 96)

USSR/Human and Animal Physiology (Normal and Pathological). T-12  
Nervous System. Higher Nervous Activity. Behavior.

Abs Jour : Ref Zhur - Biol., No 11, 1958, 51326

Author : Ivannikova, T.V.

Inst : University of Rostov.

Title : Functional and Anatomic Restoration of Resected Cortical  
Sections of the Visual Analyzer.

Orig Pub : Sb. stud. rabot. Rostovsk. un-t, 1957, vyp. 3, 83-102.

Abstract : Occipital lobes of the large hemispheres were removed in  
kittens and puppies during their first month of life.  
One to 1½ months after the operation, visual conditioned  
reflexes (CR) were produced in them as fast as in control  
animals of the same litter. In operated kittens, differen-  
tiations were produced as to the location of the lamp,  
degree of illumination, shape of the objects. In these

Card 1/2

- 131 -

USSR/Human and Animal Physiology (Normal and Pathological).  
Nervous System. Higher Nervous Activity.  
Behavior.

Abs Jour: Ref Zhur-Biol., No 17, 1958, 80038.

Author : Ivannikova, T.V

Inst : On the Plasticity of the Cortical Parts of the Visual  
Title : Analysor in the Early Period of Its Development.

Orig Pub: Uch. zap. Rostovsk.-n/D. un-t, 1957, 48, vyp. 1, 3-26.

Abstract: In 19 cats and 5 puppies (3-5 weeks), as well as in  
three adult cats, occipital lobes (OL) were bilate-  
rally removed. According to the rate of formations  
and the stability of the formed food conditioned re-  
flexes (CR) to light, according to the rapidity of

Card : 1/3

USSR/Human and Animal Physiology (Normal and Pathological).  
Nervous System. Higher Nervous Activity.  
Behavior.

T

Abs Jour: Ref Zhur-Biol., Nc 17, 1958, 80038.

formation and stability differentiations, according to the success of the alteration of the signal value of the stimulators in the cats and puppies operated on, reflexability was not lost. Along with the functional restoration of the fine forms of visual analysis, morphological restoration of the nervous structures of the cortical end of the visual analyzer were observed. After repeated operation of the removal of the OL in one kitten (6 months) and puppy (13 months), CR was preserved completely; the capacity to differentiate decreased, but everything was higher than in animals first operated on when adults. Clearly, compensation of functions in ani-

Card : 2/3

98

USSR/Human and Animal Physiology (Normal and Pathological).  
Nervous System. Higher Nervous Activity.  
Behavior.

T

Abs Jour: Ref Zhur-Biol., No 17, 1958, 80038.

imals undergoing operation at an early age occurred  
both by means of restoration of the nucleus of the  
analysor and by means of the training of its dif-  
fused elements.

Card : 3/3

IVANNIKOVA, T.V.

Cortical compensation of functions of the visual analyser. Fiziol.  
zhur. 46 no.11:1314-1319 N '60. (MIRA 13:11)

1. From the Chair of Man and Animal Physiology, State University,  
Rostov-on-Don.

(CEREBRAL CORTEX) (REGENERATION (BIOLOGY))  
(VISION)



IVANNIKOVA, T.V.

Possibility of the division of cortical neurons. Biul. eksp.  
biol. i med. 55 no.1:93-96 Ja'63. (MIRA 16:7)

1. Iz laboratorii elektrofiziologii nervnoy deyatel'nosti  
(zav. - prof. A.B.Kogan) Rostovskogo-na-Donu gosudarstvennogo  
universiteta. Predstavlena deystvitel'nym chlenom AMN SSSR  
N.A.Krayevskim.

(NEURONS) (CEREBRAL CORTEX---SURGERY)  
(REGENERATION (BIOLOGY))

AND JND ORDERS

PROCESSES AND PROPERTIES INDEX

IVANNIKOVA, Ye. N. 23

CA

Investigation of the relation between the composition of flax and the ease with which it can be bleached. E. A. Ivannikova and S. K. Yakubenko. *L'no-Pol'no-Dakot. Trudy Prom.*, 8, No. 2, 32-7 (1939); *Chem. Zentr.*, 1939, II, 1701. -Fibers with a high lignin content are compact, swell but little and are therefore more difficult to bleach and dye than fibers which contain but little lignin. No direct relation could be established between the chem. compn. of the raw and bleached spun yarn. In one type of flax (in the Rjev region), which is readily bleached, the raw fiber has a high Mn content (0.0054%) and it is assumed that the good bleaching action is due to the catalytic action of the Mn. M. G. Mowse

ASB-55A METALLURGICAL LITERATURE CLASSIFICATION

COMMON SUBJECTS INDEX



IVANNIKOVA, YE. N.

10

25

The bleaching of spun linen yarn on cross-spools.  
 Ye. A. Ivannikova. *L'no-Prem's-Doktor. Protv. S.*  
 No. 8-9, 43-52 (1938); *Chem. Zentr.* 1939, II, 1412.  
 Spun linen yarn was treated in a Gremker app. in a lab.  
 and semitech. scale by heating 2 hrs. with a soln. contg. 2  
 g. NaOH per l., hot-washing 15 min., cold-washing 5 min.,  
 bleaching 1 hr. with hypochlorite (3.5 g./l.), cold-washing  
 twice for 10-min. intervals, dechlorinating 30 min., hot-  
 and cold-washing 10 min., after which the yarn was centri-  
 fugal and dried for 10-18 hrs. The spools should be of  
 equal size and the app. corrosion-resistant. G. W. A.

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

IVANIKOVA, Ye. A.

Card. Tech. Sci.

Dissertation: "Changes in the Chemical Composition of Flax Fiber in the Process of Mechanical and Chemical Treatment and Ways for Reconstruction of Linen Industry."  
Moscow Textile Inst, 19 Jun 47.

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

IVANOCIC, D.

2d Serbian Livestock Exhibition. p. 47 POLJOPRIVREDA.  
(Društvo poljoprivrednih inženjera i tehničara NR Srbije)  
Beograd. Vol 4, no. 1, Jan. 1956

SOURCE: East Europe Accessions Lists (EEAL),  
Library of Congress, Vol. 5, no. 11, Nov. 1956

*187630*  
IVANOCIS, G.; ALFOLDI, L.; LOVAS, B.

Cultivation and electron microscopy of a bacteriocinogenic strain of *Bacillus megatherium*. *Acta microb. hung.* 4 no.3:295-308 1957.

1. Institute of Microbiology, Medical University, Szeged and Electron Microscopic Laboratory of the Hungarian Academy of Sciences, Budapest.

(BACILLUS MEGATHERIUM

bacteriocinogenic strain, cultivation, absence of phage form., megacin form. & electron microscopy)

(MICROSCOPY, ELECTRON

of bacteriocinogenic strain of *Bacillus megatherium*)

IVANOCIS, G.; ALFOLDI, L.; SZELL, A.

Serological types of *Bacillus megatherium* and their sensitivity to phages. *Acta microb. hung.* 4 no.3:333-351 1957.

1. Institute of Microbiology, Medical University, Szeged.

(*BACILLUS MEGATHERIUM*

serol. typing & phage sensitivity of various types)

(*BACTERIOPHAGE*

sensitivity of various serol. types of *Bacillus megatherium*)



SURNAME, Given Names

Country: Rumania

Academic Degrees:

Affiliation: -not given-

Source: Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol VI,  
No 4, Jul-Aug 1961, pp 347-350.

Data: "Studies on the Duration of the Carrier State in Escherichia  
coli, O 111, B<sub>4</sub> and O 55, B<sub>55</sub>."

Authors:

IVANOF, A., -Dr.-

CIUPE, M., -Dr.-

IONESCU, N., -Dr.-

NEGRU, Magdalena, -Dr.-

GPO 981643

62

IVANOF, A., dr.; SERBAN, Doina, biolog

Research concerning the relations between the fermentative properties and pathogenicity of staphylococci. Microbiologia (Bucur.) 10 no.4:319-326 J1-Ag '65.

1. Lucrare efectuata in Sectia de epidemiologie a Institutului de igiena si protectia muncii, Cluj.

PIRAU, T.; IVANOF, A.; SERBAN, Doina; BARNA, V.; TOLAN, L.; TECSA, D.; SIGHETI, I.

Research on the strain lysotypy of pathogen staphylococci isolated from a group of dark type children. Microbiologia (Bucur) 6 no.1:56-57 Ja-F '61.

1. Institutul de igiena, Cluj (for Pirau, Ivanof, Serban). 2. Casa copilului, Clum (for Barna, Tolan, Tecsca, Sigheti).

\*

IVANOF, A.; BERGNER, E.; BUIA, C.

Modifications of the pharyngeal and intestinal aerobic microbial flora following antibiotic treatment of children; consecutive staphylococcal otic complications. Microbiologia (Bucur) 6 no.1:59-60 Ja-F '61.

I. Institutul de igiena, Cluj.

\*

BADENSKI, Gh., prof.; BERGNER, Eva; BUIA, Claudia; IVANOF, A.

Experimental staphylococcal infection of the white mouse by the ocular way. Microbiologia (Bucur) 6 no.1:62-63 Ja-F '61.

IVANOF, A.; SERBAN, D.; BARNA, B.; TOLAN, L.; SIGHETI, I.; TECSA, D.; LANGHEL, I.

Study of the efficiency of vaccine and anatoxin preventive vaccination in staphylococcal infections. Microbiologia (Bucur) 6 no.1:66 Ja-F '61.

1. Institutul de igiena Cluj (for Ivanof, Serban). 2. Casa copilului Cluj (for Barna, Tolan, Sigheti, Tecsca). 3. Sanepidul regional Cluj (for Lenghel).

1-1-55

L. V. Ivanoff D

YUGOSLAVIA/Organic Chemistry. Synthetic Organic Chemistry. G

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 74023.

Author : Ivanoff, D.; Mareciff, N.

Inst : ~~university~~

Title : Preparation of Sodium  $\alpha$ -Magnesyl- $\alpha$ -Toluene-sulfonate and Some Syntheses with Its Application.

Orig Pub: Croat. chem. acta, 1957, 29, No 3-4, 347-349.

Abstract:  $C_6H_5CH_2SO_3H$  was converted into  $C_6H_5CH(MgCl)SO_3Na$ , with the application of which  $(C_6H_5)_2C(OH)CH(C_6H_5)SO_3Na$  (II) and cyclo- $C_6H_{11}C(OH)CH(C_6H_5)SO_3Na$  (III) were prepared of  $C_6H_5COC_6H_5$  (I) and cyclohexanone correspondingly. It was shown on the example of II that  $\alpha$ -oxysulfo acids also split at boiling (1 hour) with 10% aq NaOH into I

Card : 1/2



BLAGOEV, B.; IVANOFF, D. [Ivanov, D.]

Preparation of the organomagnesium reagent of cyanoacetic acid.  
Doklady BAN 16 no.6:649-652 '63.

1. Institut de chimie organique de l'Académie bulgare des  
Sciences.

STOYANOFF, St.; IVANOFF, IV. (Présentée de l'acad. Tsv.Kristanov le 5.  
VII. 1954)

Epidermophytosis among workers of public baths in Sofia. Doklady  
Belg. akad. nauk 7 no.2:65-67 Apr.Sept. '54.

1. Institut de médecine clinique et sociale de l'Académie des  
Sciences Bulgare et le dispensaire urbain dermatovénérologique  
de Sofia.

(SKIN, diseases,

fungus dis. in pub.bath workers in Bulgaria)

(FUNGUS DISEASES,

skin, in pub.bath workers in Bulgaria)

(OCCUPATIONAL DISEASES,

fungus dis. of skin in pub. bath workers in Bulgaria)

STOYANOFF, St.; IVANOFF, Iv.

Case of chronic benign familial pemphigus (Gougerot-Hailey-Hailey disease) Doklady Bolg.akad.nauk 7 no.2:69-70 Apr-Sept '54.

1. Institut de médecine clinique et sociale de l'academie des Sciences Bulgare et dispensaire urbain dermatovénérologique de Sofia. (Presentée de l'acad. Tsv.Kristanov le 5. VII. 1954)

(PEMPHIGUS,

chronic benign familial, case report)

IVANOFF, Madeleine, ing.; BOIANGIU, T., ing.

Checking the quality of rigid polyvinyl chloride pipes produced  
in Rumania. Rev chimie Min petr 12 no.10:570-575 0 '61.