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CIA-RDP86-00513R001757410010-5



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Quini Rochectica BCS 1635. A method for the determination of the nature of cords in glass.-I. I. TURN (Sich. Keram., 7, No. 8, 9: 1950). A cord is the dissolution product of a strong. Cords are more troublesons than stong in the manufacture of sheet giam. The classical methods for the identification of cords are based on their optical properties: the most simple technique depends on the use of immersion liquids, and a modification of this method is described; (2 figs.)



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Minning, Preparation BCS 477, Parification of refractory clays by siectro-samola. --[,]. TURIT, K. J. TURITHEVA and N. E. KARIMAA (Strå, Aerum, B. No. 8, 10, 1931). For fivila used in glass tanks the quality of clay is a matter of first importance since on it depends maintenance of the correct slot aire as well as the occurrence of no-called "float bubbles" in the glass. Because a lot of grog is used in making floats, the clay must be very plast. Electro-communis produces such a clay. An expil. installation for clay purification by electro-communis is described. To determine the yield, 15 kg, of clay were treated by electro-communis is described. To determine the yield, 15 kg, of clay were treated by electro-communis for 6 hr. The cutput was 195 kg, of purified clay with a moisture content of 42-472-will-2 kg, dry material, i.e. a 75% yield. Further treatment for 2 hr. gave no improvement. In works trials the results were not quite so good because the required poltage and current density were not reached. The moliture content of the mix on scaling the plant installation was 80%; the output realculated for dry material was 33 caling the plant installation was 80%. The main demetrix of the plant installation was a too parts, and the yield was 80%. The output realculated for dry material was 3 information on the stallation was 80%. The main demetrix of the plant installation has monsture content, leading to drying difficulties. It is assumed, however, that the moisture content could be reduced to 40% by increasing the current density. Although the output of the installation is low, it is sufficient to meet the plant requirements; he output of the installation is low, it is sufficient to meet the plant requirements in 10 hr. enough purified clay is obtained for 1 float, and only 4-5 floats are required in 10 hr. enough purified clay is obtained for 1 float, and only 4-5 floats are required affect chem. comp. or grading of the clay obtained showed that electro-comvis does not affect chem. comp. or grading of the clay but increases its plasticity. An increased the floats: the perosity of the latter is bow-which prevents the occurrence of "float bubbles" and seeds in the glass. (5 figs., 3 tables.)

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a ng mga ang ang gang gang agang agang ag Refinition ACA Renchciation of refractory clay by electroosmosis. I I Bencheidion of refractory clay by electroormosis. I -Tuxar, K. J. Duausinya, axir N. E. Kanisma. Siekler Korom, RISTO 12 (1051). Electrosemosis for Ohr-of-DSR, clay visibled 19.5 kg, clay having 12.4% moisture. An additional osmosis for 2 more in did not result in any improvement. On a commercial scale, yield was 80% but product contained 80% mosture. By increasing the current density, it should be possible to reduce the moisture to 10%. The best results were obtained without the addition of an electrolyte to the suspension, electrolytes ddntof dual suspension but e used electrolytes (the altimutation) and addition of an electrolyte to the suspension; electrolytes dum(in the suspension but caused electrolysis of the dram material and adult ration of the clay with PDO. Compared with ordinary elege content of margalisperse particles was less and change in prestricity was less sharp. Debitouse made of clay and grog (45.55) treated by osnessis had a fire shrinkage of 15.0% and water absorption of 4.62.4.70% compared with 11.0% and 9.60 0.42% for ordinary debitruse. 11.7 K 9.30% for ordinary debitrase.

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ZYKOVA, Ye.G.; TUKHARELI, M.S.

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THE REPORT FOR THE STATE

Luminescence method of analyzing bituminous materials. Biul. tekh. inform. 5 no.3:27 Mr '59. (MIRA 12:7) (Bituminous materials) (Luminescence)

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· "我们的,我们的问题,你不可能的问题。"

CIA-RDP86-00513R001757410010-5

VOROB'YEV, N.K.; DIAROV, M.; TUKHFATOV, K.

Role of the gergeit horizon in correlating the geological sections of individual salt domes in the Caspian Sea region. Vest. AN Kazakh. SSR 18 no.10:82-85 0 '62. (MIRA 17:9)

CIA-RDF86, $009^{04^{4}}$ S/659/61/003D217/D303 72001 Influence of the initial state of alloy 3WA37 (EIA37) on its mechanical properties under various Influence of the initial state of alloy 3W437 (EI437) on its mechanical properties under various temperature rate conditions of deformation Makogon, M.B., and Tukhfatuling A.A. Akademiya nauk SSSR. Institut metallurgii, 97 - 105 niya po zhf.roprochnym splavam, v. 7, 1961, 97 - 105 niya po znf.roprocnnym splavam, V. (, 1961, 4 fer natur niya po znf.roprocnnym splavam, V. (, 1961, 4 fer natur the influence of this investigation was to establish mechanical resistance the influence of the rohigh respective of the alloy tempera-resistance the influence of the mechanical properties compressed inried resistance the influence of emechanical properties constrained be ensure differ-ite of alloy of compression, in which us in ort degree heat resistance the alloy of compression, in which us in ort degree heat ite on the anstructed apparatus, of in to different to the following tures constructed apparatus, of in to different to the following islally constructes of up to 1000 ding to the following heat rent initial specimens were subjected to the specimens were subjected to the following rent initial specimens were subjected to 18.8200 AUTHORS: TITLE: SOURCE:

s/659/61/007/000/009/044

D217/D303

Influence of the initial state of ...

ments: 1) Quenching in air from 1080°C after 8 hours soaking; 2) ments: 1) Quenching in air from 1080°C after & nours soaking; 2) Quenching in air from 1080°C after 8 hours soaking, ageing at 700°C for 16 hours and cooling in air; 3) Quenching from 1080°C after 8 hours soaking, ageing at 800°C for 45 hours, followed by cooling in air. The average hardnesses of specimens of the above series were 200, 303 and 280 kg/mm², respectively. After quenching, the alloy acquired a structure characteristic of a solid solution with very thin grain boundaries. Ageing at 700°C for 16 hours led to finely dispersed precipitation of the α '-phase from the solid solution preferentially along the grain boundaries; this could be clearly obser-ved due to the thickening of the latter. Ageing at 800°C for 45 hrs. caused very intense precipitation and coagulation of the α - phase both along the grain boundaries and within the grain interiors. The heat treated specimens were deformed at 600, 700, 800, 850 and 900 C. It was found that specimens aged at 700°C for 16 hours were con-siderably stronger than quenched ones, if deformation was carried out at 600 or 700°C is a st temperatures not proceeding the creater out at 600 or 700° C, i.e. at temperatures not exceeding the ageing temperature. At 800°C and above, preliminary ageing at 700°C for 16 hours has practically no effect on the mechanical properties. Such

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Influence of the initial state of ...

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a coincidence of properties is due to intense ageing of the quenched alloys at high temperatures during soaking prior to deformation and during deformation, as well as to the action of natural plastic deformation on the decomposition processes. Ageing the quenched alloy at 800°C for 45 hours leads to considerable softening, the mechanical properties of the alloy in such a state were lower than those of quenched alloys or alloys aged at 700°C for 16 hours at all temperatures and rates of deformation investigated, except in the initial stages of deformation (up to 6 - 7 %) at 700°C and at the rate of 0.05 mm/min., when the resistance to deformation was greater than that of the quenched alloy. The relatively low mechanical properties of severely aged alloys is due to an increased rate of decomposition of the solid solution and to considerable coagulation of the precipitated particles. In the entire temperature in-terval investigated, the flow curves had, on the whole, a similar shape: Marked increase in the resistance to deformation in the initial stages of plastic deformation, decrease of this effect and constant flow stress in later stages of deformation, fall in stress in the last stages. The constant flow stress sets in the sooner, the

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lower the rate of deformation, the higher the temperature of deformation and the more stable the state of the alloy. The drastic fall in stresses at high degrees of deformation is due to the destruction of the specimen, which is promoted by ageing during deformation. Two processes influence the magnitude of deformation stresses in quenched alloys: Ageing (decomposition, hardening the alloy) and physical softening. Both processes can be thermally activated, and depending on the specific conditions of deformation, either the first or the second will predominate. Therefore, for a quenched EI437 alloy, the influences of rate and temperature on the degree of deformation in certain temperature-rate intervals is anomalous. There are 3 figures, 1 table and 17 references: 15 Soviet-bloc and 2 non-Soviet-bloc. The reference to the English-language publication reads as follows: D.S. Fields, and W.A. Backofen, Trans. ASM., 51, 1959.

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JTHORS:	Makogon, M. B.	, Tukhfatulin, A. A.	 oubor (ET437) a	lloy on its	
	mechanical pro	the initial state of perties under differe		•	
TEXT:	to temperature Referativnyy 15A145 (In co. Moscow, AN SS The character $v_2 = 0.05$ and	when the set of the effect of rat $y_3 = 6 \text{ mm/min.}$ on m	eniye, no. 15, 19 o zharoprochn. s es of deformatio echanical proper ; in a vacuum (ab	962, 25, abstract plavam". T. 7, n at compression ties of ET437 alloy pout 10 ⁻³ mm Hg) T+ de pointed out	/
(yield curve has been es	tablished on sa moles aged at '	$v_3 = 6$ mm/milley of 000° G and 900° G and 900° G and 900° G and 900° C prove to be more emperatures not exceed nary aging at 700° C do ich is explained by an	e strengthened the ling the aging to	emperature. At	V
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lloy at high temperatures in the process of deformat: t 800 ⁰ C the mechanical properties decrease consideral he decomposition of the solid solution and coagulation	bly, which is ascribed to	•
Abstracter's note: Complete translation]		ļ
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THE STAR SHEET AN EXPERIMENTARY PROPERTY

L <u>L</u>	
ACCESSION NR: AP5025321	UR/0126/65/020/003/0379/0383 539.22:661.846
AUTHOR: Tukhfatullin, A. A.; Makogon, M. H.	B.; Kitayeva, L.P.
TITLE: Study of the character of order-di	
SOURCE: Fizika metallov i metallovedeniye	
19,50, D	base alloy, <u>cadmium</u> containing alloy
ABSTRACT: X-ray diffraction studies of or Cd) during slow cooling from above-critics and G.V. Raynor (Acta met., 1957, 5, 10, ordered and disordered regions in the samp determine if this coexistenco was an equil unbalanced state of the alloy. The X-ray d	l temperaturés, made by A. Moore 601), revealed the coexistence of les. The present study was made to ibrium state or an effect of the
(25.2 atom% Cd) was made after annealing a ing, consisting of annealing at 275C for 2 to 130 C, annealing for 72 hours t 130C,	t 350C for 1 hour, followed by order- hours, slow cooling during 5 hours
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n. Andrew in the state of the state	0901 0253

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temperature at the rate of 5 degrees per hour. The changes in the width of the main (202) and superstructure (112) lines in the X-ray diffraction patterns, taken of the quenched samples, were measured and plotted in the graph as functions of the quenching temperatures. The equilibrium coexistence of 2 phases (ordered and disordered) was proven at the definite temperature interval (18-20C) after quenching from temperatures > 150C. At temperatures > 170C the Mg3Cd alloy was entirely in the disordered state. The destruction of long-range order occurred by the formation of disordered regions in an ordered matrix. The volume of disordered regions increased with increased quenching temperature, and at temperatures >170C the entire sample was converted into the disordered (Ukr: fiz. zhurnal, 1963, S, 3, 339) that electric resistivity of alloys was range order. The degree of long-range order of the superature T was determined by the authors from the samples after quenching from temperature (112) and main (202) lines by taking the S of quenched samples by using the formula:

 $S_{T} = \bigvee (I_{s}/I_{m})_{s=S_{T}} (I_{s}/I_{m})_{s=1}$

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The comparison of obtained and measured resistivities		- TOLE	uias. and 1 +	alla
SSOCIATION: Sibirskiy fiz	iko-tekhnicheskiy i	nstitut (Siberia	1 Physicotech	nical (
UBMITTED: 18May64/Sep6	5 ENCL:		CODE: MM, S	
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<u>1.10877-66 EWT(m)/T/EWP(t)/EWP</u> ACC NR: AP5026368			
AUTHOR: Korotayev, A. D. (Toms)	k); Koneva, N. A. (Tomsk	UR/0370/65/000/005/0180/01	86 52
(Tomsk) #4.55 ORG: none	44.55	44,55 6	ŝ
TITLE: The quenching-in of exce tested alloys [Paper presented a sistant Materials held in Moscow	IT TOA 14th Scientifia_T	d and thermomechanically echnical Session on Heat Re-	-
SOURCE: AN SSSR. Izvestiya. M	letally, no. 5, 1965, 18	0-186	
TOPIC TAGS: <u>nickel containing a</u> treatment	lloy, crystal vacancy, 1 17	resistivity, mechanical heat	
ABSTRACT: The mechanism of vaca specimens of both deformed and un dering mechanism in this allow w sistivity curves the processes of sinks could be followed. High to an American hypothesis concerning temperature deformation tentative vacancy concentration. The Ni ₃ (1)	as found to be vacancy a f vacancy coalescence a emperature deformation w g marked increase in dif	* Kn). Specifically, the or assisted and by means of re- and/or removal by dislocatio (as also investigated to che ffusion coefficients with hi	n ck
ard 1/3	UDC: 669	-157.9	:
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ACC NR: AP5026368

transition at about 400°C and displayed almost a 50% change in resistivity upon annealing after a prior quench. This alloy was processed into the form of wires 1 mm in diameter. These wires were annealed in wet hydrogen at 1100°C following which some were deformed 2 to 15% in tension at 20°C grouped with the undeformed samples. held 2 to 5 min at various temperatures and finally quenched into water. A different set of samples was pulled in tension at 850°C up to 15% and were either quenched immediately or held at temperature for 1 min and then quenched. Quenching temperatures ranged from 570 to 750°C. The experimental data were presented in the form of & loss in resistivity as a function of time. The results were compared to a set of resistivity data obtained simply by quenching the alloy from the various temperatures and an nealing at 390°C up to six hours. These curves showed a significant drop in resistivity with time whereas the deformed samples, irrespective of the temperature of deformation, exhibited very slight changes. The annealing time was as long as 80 hours in this case. The markedly different behavior of the thermomechanically treated samples when compared with standardly quenched and annealed samples was rationalized on the basis of the lack of dislocation sinks in the unstrained metal. Calculations were made on the number of vacancies produced by the respective treatments and the number of dislocations present. It was estimated that the number of vacancy jumps necessary to affect their disappearance was about 10^8 for the standard resistivity curves (heated and querched) while for the thermomechanically treated samples this number was estimated at only 10⁵ due to the increase in dislocation sinks. A formula was given for the number of jumps occurring during cooling from T_1 to T_2 : Card 2/3

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CIA-RDP86-00513R001757410010-5

TUKILOV, B. D.

TUKHLC7, B. D. - "Investigation in the field of percurometry." Ivanovo, 1955. Hin Higher Education USSR. Ivanovo Chemicotechnological Inst. (Dissertations for degree of Candidate of Chemical Sciences.)

SO: Knizhnaya letopis', No 48. 26 November 1955. Moscow.

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APPROVED FOR RELEASE: 03/14/2001





CIA-RDP86-00513R001757410010-5

TUKHMAN, YA. P.; TUKHMAN, YA.P.; FOKIN, V.G. Some inconveniences in work with the SKS-1 camera. Zhur.nauch.i prikl.fot.1 kin. 2 no.6:474-475 N-D '57. (MIRA 10:12) (Motion-picture cameras)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757410010-5

ς. TUKHMAN, Ya.P.; FOKIN, V.G. Determining parameters of flat joints of conic parts in making boilers and models. Trudy KhPI 21 Ser.met. no.4:107-116 '59. (MIRA 14:7) (Mechanical drawing) ATTACHMENTER PERSONNAL PROVIDENCE P PERSONNAL PROVIDENCE PERS

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BADADZHANOV, S.N.; TUKHMANYANTS, A.A.

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Obtaining and studying complete antigens of the liver fluke. Uzb.biol.zhur. no.5:27-33 '58. (MIRA 12:1) (MIRA 12:1)

1. Institut zoologii i parazitologii AN UzSSR. (LIVER FLUKE) (ANTIGENS AND ANTIBODIES)

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TUKHMANYANTS, A.A.; SHAKHURINA, Ye.A.

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Pathogen of the leziasis of cattle and its intermediate host. Uzb. bicl. zhur. 6 no.1:40-44 :62. (MIRA 15:3)

1. Institut zoologii i parazitologii AN UZSSR. (CATTIE---DISEASES AND PESTS) (VETENARY HELMINTHOLOGY)

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KOMPANTSEV, N.K.; BARADZHANOV, S.N.; KAMEULIN, N.A.; TEGOROVA, T.A.; TUKHMANYAN, A.A.
Results of an invostigation of the anthelminitic properties of some plants of Uzbekistan. Med.zhur.Uzb. uo.7:51-55 Jl '58. (MIRA 13:6)
1. Iz kafedry farmakologii (sav. - prof. N.N. Kompantsev) 1 kafedry obshchey gigiyony (zav. - prof. S.N. Babadshanov) Tashkantskogo gosudarstvennogo medisinakogo instituta. (ANTHELMINTICS) (UZBEKISTAN-BOTANI, MEDICAL)

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CIA-RDP86-00513R001757410010-5



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TUKHOLKA, V.V.

Rostovskii glubokovodnyi kanal i Volga-Don. /Rostov deep-water canal and the Volga-Don/. (Vodnyi transport, 1928, v. 6, no. 6, p. 201-205). DLC: HE561.R8

SO: SOVIET TRANSFORTATION AND COMMUNICATIONS, A BIBLIOGRAPHY, Library of Congress Reference Department, Washington, 1952, Unclassified.

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410010-5"

TUKHMAN, Ya.P.; FOKIN, V.G. Nomographic charts for making patterns. Lit.proisv. no.11:7-11 (MLRA 9:2) (Pattern making) H 155. A STATE OF STREET

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757410010-5

TUKHOVICH, T.M., veterinary fel'dsher. Some problems in the work of veterinary feldshers. Veterinariia 33 no.11:10-11 N '56. (MLRA 9:11) 1. Kolkhoz "Krasnaya zvezda, "Ostrogozhskogo rayona, Voronezhskoy oblasti. (Veterinary medicine)

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BABELYAN, V.B.; VINNICHENKO, N.G., kand. ekon. nauk; GNEDASH, G.N.;
GRIGOR'YEV, A.N.; DANILOV, N.K.; IVANOV, A.P.; IVLIYEV, Ivan
Vasil'yevich; POTAFOV, I.A.; TRUBIKHIN, M.G., kand.ekon. nauk;
TUKHOVITSKAYA, L.K., inzh.; TYVAnCHUK, D.P., inzh.; SHERMAN,
A.Ya.; SHCHERBAKOV, P.D., inzh.; EVENTOV, G.S.; KRISHTAL', L.I.,
red.; MAKUNI, Ye.V., tekhn. red.

[Financing in railway transportation; manual] Finansirovanie na zheleznodorozhnom transporte; spravochnik. Pod obshchei red. I.V. Ivlieva. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 422 p. (MIRA 15:4) (Railroads-Finance)

APPROVED FOR RELEASE: 03/14/2001

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TUKHSANOV, E.; VISHNYAKOVA, A.A.; NABIYEV, M.N., akademik
Effect of oxidized coals on the process of chamber superphosphate maturing. Uzb.khim.zhur. 8 no.4:12-17 '64. (MIRA 18:12)
1. Institut khimii AN UZSSR. Submitted July 24, 1963.
2. AN UZSSR (for Nabiyev).

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FAYNLEYB, B.N.; GOLUBKOV, I.G.; KOCHEV, L.A.; BALAKIN, V.I., kard. tekhn. nauk, retsenzent; TUKHSHNAYD, A.M., inzh. red.

[Methods for testing and investigating the fuel systems of motor-vehicle and tractor diesel engines] Metody ispytanii i iseledovanii toplivnoi apparatury avtotraktornykh dizelei. Moskva, Mashinostroenle, 1965. 174 p. (MIRA 18:9)

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TTRHISPILYD, O. P.

Obsluzhivanie rilevykh privodov sektornogo tipe Zervicing sectional-type steerage geory. Moskva, Vodtransizdat, 1953. 45 p.

SO: Monthly List of Russian Accessions, Vol. 6 No 10 January 1954

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TUKHTAKHANOVA, Dil'bar, pryadil'shchitsa, delegat XIII s"yezda professional'nykh soyuzov The jug should not break. Sov. profsoiuzy 19 no.19:25-27 0 '63. (MIRA 16:11) 1. Ordena Trudovogo Krasnogo Znameni tekstil'nyy kombinat, Tashkent.

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FREYDLIN, L. Kh.; SHARF, V.7.; TURHTAMURA . . .T.

Investigation of the direction of the delydration of 2-methylbutanol-2 in the presence of an acid catalyst. Neftekhimila $4 \pm 0.1237-42 = Ja-F^{1}64$ (MURA 17:6)

:. Institut organicheskoy khimii AN SSAR imeni N.D. Zelinskogo.

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FREYDLIN, L.Kh.; SHARF, V.Z.; TUKHTAMURADOV, Z.T.

Effect of the temperature of boron phosphate preparation on its specific surface, acidity, and catalytic activity in the dehydration of alcohols. Kin. i kat. 5 no.2:347-350 Mr-Ap 164. (MIRA 17:8)

1. Institut organicheskoy khimii imeni Zelinskogo AN SSSR.

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"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001757410010-5
"MEYDLIN, L.Kh.; SHARF, V.Z.; LITVIN, Ye.F.; TUKHTAMURADOV, Z.T.
Dehydration of primary n-amyl alcohol and the accompanying
igomeric conversions of pentones on a calcium phosphate
catalyst, Neftekhimita 1 no.4:548-554 J1-Ag '61.
 (MIRA 16:11)
1. Institut organicheskoy khimit AN SSER imeni N.D.
Zelinekogo.

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CIA-RDP86-00513R001757410010-5

FREYDLIN, L.Kh.; SHARF, V.Z.; TUKHTAMURADOV, Z.T. Stereospecificity of the dehydration of 3-pentanol on acid-type catalysts. Neftekhimila 2 no.5:730-734 S-0 '62. (MIRA 16:1) 1. Institut organicheskoy khimii AN SSSR imeni Zelinskogo. (Pentanol) (Dehydration (Chemistry)) (Stereochemistry) 2

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CIA-RDP86-00513R001757410010-5

S/204/63/003/001/002/013 E075/E436

AUTHORS: Freydiin, L.Kh., Sharf, V.Z., Litvin, Ye.F., Tukhtamuradov, Z.T.

TITLE: Preparation of $C_8 - C_{12}$ α -olefins by the catalytic dehydration of primary alcohols

PERIODICAL: Noftekhimiya, v.3, no.1, 1963, 10-12

The authors investigated the catalytic dehydration of $C_{\hat{R}}$, TEXT: C_{10} and C_{12} n-alcohols after previous successful preparation of CP: pure a-olefing from $n = C_q = C_q$ alcohols using trisubstituted calcium phosphate as catalyst (Neftexhimiya, v.1, no.5, 1961, 749). The catalyst was prepared by treating the phosphate with 0.07 g Nabh/g catalyst and baking at sou to s50°C for 1 to 2 hours. It preserved its activity without regeneration. The products of the dehydration were 92 to 94% pure a-olefins (97 to 90% after distillation) obtained with the yields of 58 to 88%. The purity of the alcohols is of the same order as that obtained after the pyrolysis of the acetates and is much better than that of the alcohols produced with alumina as the dehydration catalyst. 1 11 the latter case the products contain only 39 to 60% 1-61efils 2.0 Card 1/2

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Preparation	of Cg-C ₁₂	5/204/03/003/001/002/013 E075/E436
the remainder There are 1	r - isomers with the figurer and 1 table	double bond in different positions.
ASSOCIATION:	Institut organichesk H.D.Zelinskogo (Inst imeni A.D.Zerinskiy)	oy khimii AN SSSR im. Itute of Organic Chemistry AS USSR
SUBMITTED:	july 26, 1962	
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TUKHTAROVA, Yu. N., khudozhnik-iskusstvoved

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Artistic finishing of modern printed fabrics for clothing. Tekst. prom. 23 no.3:13-15 Mr '63. (MIRA 16:4)

1. Vsesoyuznyy institut assortimenta izdeliy legkoy promyshlennosti i kul'tury odeshdy (VIALEGProm).

(Textile printing)

APPROVED FOR RELEASE: 03/14/2001

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Basic trends in the artistic and coloristic finishing of textile fabrics in 1966. Tekst. prom. 25. no.9:20-26. S '65.
(MIRA 18:10) 1. Starshiy iskusstvoved Kasaguishogo institute. Mustarians. assortimenta izdeliy legkoy promyshlennosti i kul'tury odesndy.

CIA-RDP86-00513R001757410010-5

0.00 TUKHVATULLIN, A.K., inzh. Testing part of the Penza-Michurinsk petroleum products line with natural gas. Stroi. truboprov. 6 no.5:19-20 My '61. (MIRA 14:7) 1. Stroitel'no-montazhnoye upravleniye No.6 tresta Nefteprovodmontazh, g. Chelyabinsk. (Petroleum---Pipelines) 1.44

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CIA-RDP86-00513R001757410010-5

TUKHVATULIJN, F.Kh. Width and shape of the Raush scattering line in benzend, scetin; and other liquids. Vest. LGU 19 no.16:18-21 '64. (MIRA 17:11)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757410010-5

ATAKHODZHAYEV, A.K.; TUKHVATULLIN, F.Kh. Intercollegiate Conference on Optical Studies of Molecular Motions and Molecular Interaction in Liquids and Solutions. Izv.AN UZSSR. Ser.fiz.-mat.nauk 9 no.3:75-77 '65. (MIRA 19:1) 1. Samarkandskiy gosudarstvennyy universitet imeni A.Navol. Submitted December 30, 1964.

APPROVED FOR RELEASE: 03/14/2001

ACCESSION NR: APSO19457 AUTHOR: Atakhodzhayev, A. K.; Tukhvatullin, F. Kh. ⁴⁴ TITLE: Inter-university conference on optical investigations of molecular motion and internolecular interaction in liquids and solutions SOURCE: AN UZSSR. Izvestiya. Seriya fiziko-matematicheskikh nauk, no. 3, 1965, TOPIC TARS: optic conference, scientific conference, molecular structure, molecular theory 44.55 HESTRACT: The <u>conference</u> was held in Samarkand on 24-29 September 1964, and was organized by a commission coordinating the research on liquid-state physics at WTO SOURCE: AN UZSSR, the <u>Ministry of Higher and Secondary Special Education of UZSSR</u> , and the Samarkand State University. Approximately 150 persons were in attendance." Five Ilenary papers were: "Rayleigh Scattering of Light and Molecular Theory of tectrooptical Phenomena. The Kerr Phenomenon in Liquids" (V. A. Zamkov, Moscow), On the Theory of the Kerr Phenomenon in Liquids" (W. F. Vuks, Leningrad), "Rota- ional Motion of Molecules in Liquids and Solutions" (A. K. Atakhodzhayev, Samar- We 1/3	L 3395-66 EWT(m)/EPF(c)/EWP(j)/T RM ACCESSION NR: AP5015457 // UR/0166/65/000	002/0075/0077
TITLE: Inter-university conference on optical investigations of molecular motion and internolecular interaction in liquids and solutions SOURCE: AN UZSSR. Izvestiya. Seriya fiziko-matematicheskikh nauk, no. 3, 1965, 75-77 TOPIC TAGS: optic conference, scientific conference, molecular structure, molecular theory 44.55 WAESTRACT: The <u>conference</u> was held in Samarkand on 24-29 September 1964, and was borganized by a commission coordinating the research on liquid-state physics at NTO SOURCE: Ministry of Higher and Secondary Special Education of UZSSR, and the Samarkand State University. Approximately 150 persons were in attendance. Five Delenary and more than 50 sectional papers were delivered. The plenary papers were: "Rayleigh Scattering of Light and Molecular Theory Chectrooptical Phenomena. The Kerr Phenomenon in Liquids" (V. A. Zamkov, Moscov), On the Theory of the Kerr Phenomenon in Liquids" (M. F. Vuks, Leningrad), "Rota- ional Motion of Molecules in Liquids and Solutions" (A. K. Atakhodzhayev, Samar-	AUTHOR: Atakhodzhayev, A. K.; Tukhvatullin. F. Kh.	285 63
SOURCE: AN UZSSR. Izvestiya. Seriya fiziko-matematicheskikh nauk, no. 3, 1965, 75-77 TOPIC TAGS: optic conference, scientific conference, molecular structure, molecular theory ABSTRACT: The <u>conference</u> was held in Samarkand on 24-29 September 1964, and was organized by a commission coordinating the research on liquid-state physics at NTO SSSR, the <u>Ministry of Higher and Secondary Special Education of UZSSR</u> , and the Samarkand State University. Approximately 150 persons were in attendance." Five Delenary and more than 50 sectional papers were delivered. The plenary papers were: "Rayleigh Scattering of Light and Molecular Theory Dectrooptical Phenomena. The Kerr Phenomenon in Liquids" (V. A. Zamkov, Moscow), On the Theory of the Kerr Phenomenon in Liquids" (W. F. Vuks, Leningrad), "Rota- ional Motion of Molecules in Liquids and Solutions" (A. K. Atakhodzhayev, Samar-	TITLE: Inter-university conference on optical investigations of mole and intermolecular interaction in liquids and solutions	i
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Dectrooptical Phenomena. The Kerr Phenomenon in Liquids" (V. A. Zamkov, Moscow), On the Theory of the Kerr Phenomenon in Liquids" (M. F. Vuks, Leningrad), "Rota- ional Motion of Molecules in Liquids and Solutions" (A. K. Atakhodzhayev, Samar-	BSTRACT: The <u>conference</u> was held in Samarkand on 24-29 September 19 rganized by a commission coordinating the research on liquid-state p VO SSSR, the <u>Ministry of Higher and Secondary Special Education of Us</u> <u>amarkand State University</u> . Approximately 150 persons were in attended lenary and more than 50 sectional papers were delivered.	ysics at NTO SSR, and the ance. Five
	The plenary papers were: "Rayleigh Scattering of Light and Molect f <u>Non-electrolytes</u> " ((M. I. Shakhparonov, Moscow), "Phenomenological lectrooptical Phenomena. The Kerr Phenomenon in Liquids" (V. A. Zamb On the Theory of the Kerr Phenomenon in Liquids" (V. A. Zamb	heory of ov, Moscow).
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and A. P. Grisnin; V. N. Ashchina (Kiev); V. E. Eskin and A. IC. nyavskaya and G. P. Aoshchina (Kiev); V. E. Eskin and A. IC. N. N. Tsvetkov and I. N. Shteninkova; S. I. Volkov, V. G. Ba V. N. Tsvetkov and I. N. Shteninkova; S. I. Volkov, V. G. Ba kel' (Leningrad); Birshteyn (Leningrad); and V. Aslanyan (Ye	revan).
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Dvorenko; A. K. Atokhodzhayev; Ye. L. Zh (Kazan'); and N. G. Bakhshiyev, O. N. Gi	rin, and V. S. mo	the structure of liquid	3
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