Book on transportation finances. Reviewed by E.V. Larionova and others. Zhel.dor.transp. 46 no.6:93-96 Je *64. (MIRA 18:1)

1. Nachal'nik finansovoy sluzhby Sredneaziatskoy dorogi (for Berliner).

BELEN'KIY, Mark Naumovich; LARINA, Mariya Nikolayevna; FAVLOVICH, Yevgeniy Stanislavovich; PAVLOVSKIY, Sergey Sergeyevich; RASTORGUYEV, Aleksey Iosifovich; KOLTUNOVA, M.P., red.

[Technical, industrial and financial plan and analysis of the work of locomotive and car repair plants] Tekhpromfinplan i analiz deiatel nosti lokomotivo-vagonoremontnykh zavodov. [By] M.N.Belen'kii i dr. Moskva, Transport, 1964. 253 p. (MIRA 17:9)

BELEN'KIY. Mark Naumovich; KOLTUNOVA, M.P., red.

[Economics of railroad passenger transportation] Ekonomika zheleznodorezhnykh passazhirskikh perevozok. Moskva, Transport, 1965. 275 p. (MIRA 18:5)

KURKUDYM, F.Ye.; KARAYEV, R.G.; BELEN'KIY, M.S.; ZAVALI, L.A.; KOVALEVA, M.T.; SOWETOV, V.N.; SOKOLOV, A.V.; SHUKHTINA, I.A.

Professor V.V.Guk on his 70th birthday. Vop. kur., fizioter. 1 lech. fiz. kul't. 25 no.2:184-185 Mr-Ap '60. (MIRA 13:9) (GUK, VADIM VASIL'EVICH, 1889-)

Attitoxic function of the liver in patients with infectious nonspecific polyarthritis. Vrach. delo no.11:128-129 N '61. (MIRA 14:11)

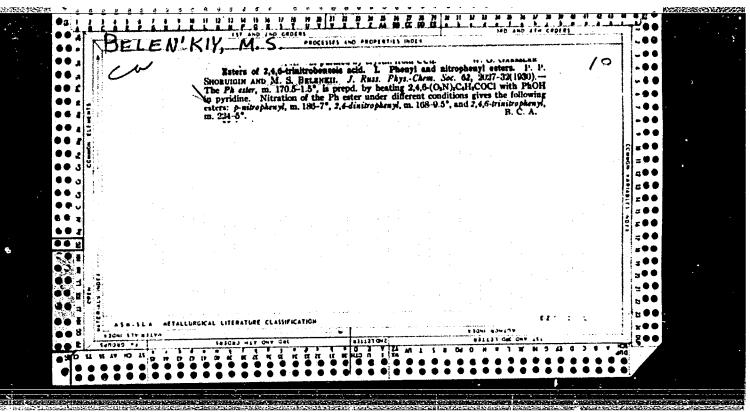
1. Rawastologicheskaya klinika (zav. - M.S.Belen'kiy) Ukrainskogo instituta kurortologii i fizioterapii. (ARTHRITIS) (LIVER-DISEASES)

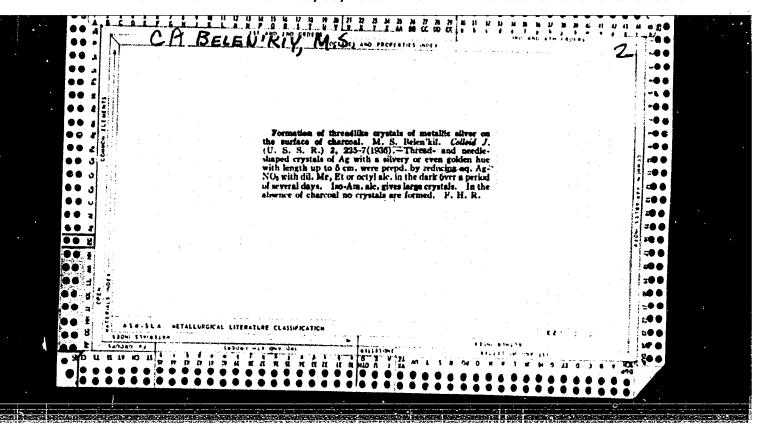
"Health resorts of Moldavia" by V.IA.Negresku. Reviewed by M.S. Belen'kii. Zdravookhranenie 5 no.4:57-59 Jl-Ag '62. (MIRA 15:9) 1. Zaveduyushchiy revmatologicheskoy klinikoy Ukrainskogo nauchnoissledovatel'skogo instituta kurortologii i fizioterapii. (MOLDAVIA—HEALTH RESORTS, WATERING-PLACES, ETC.)

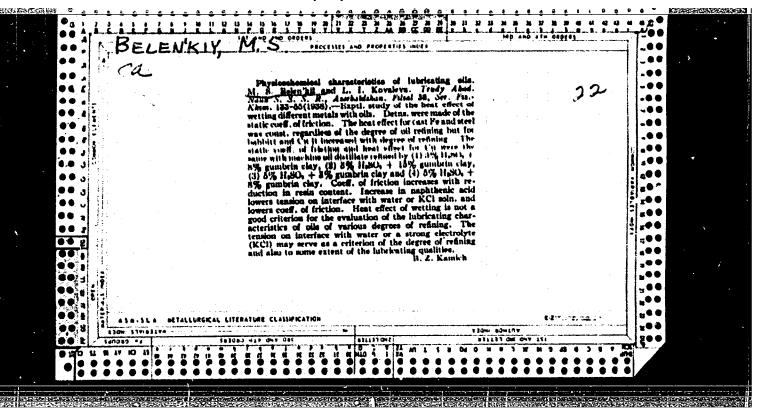
KURKUDYM, F.Ye., dcts., otv. red.; BELEN'KIY, M.S., red.; KARAYEV, R.C., red.; KENTS, V.V., red.; SOKOLOV, A.V., red.

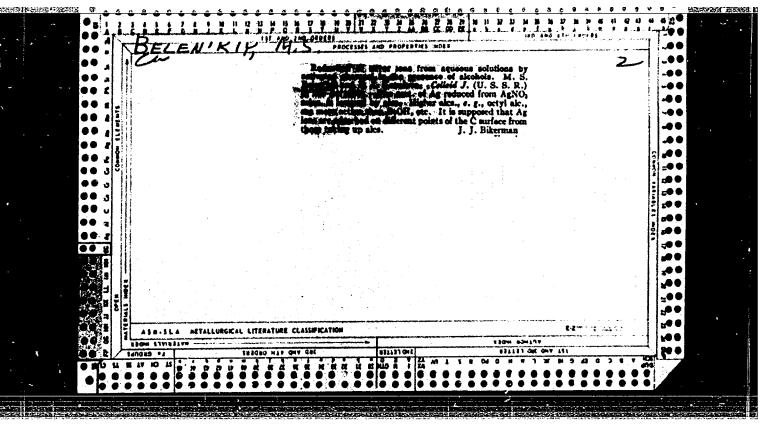
[Therapeutic mineral waters and muds of the U.S.S.R.] Lechebnye mineral mye vody i griazi USSR. Kiev, Zdorov'ia, 1965. 219 p. (MIRA 18:7)

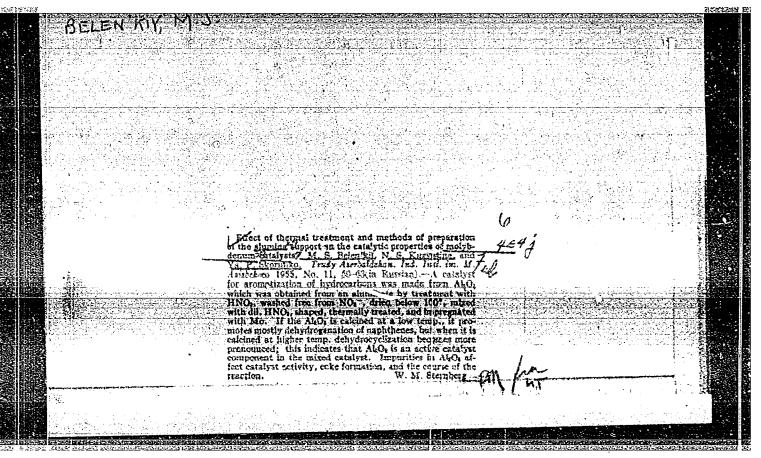
1. Ukrainskiy nauchno-issledovatel'skiy institut kurortologii i fizioterapii.

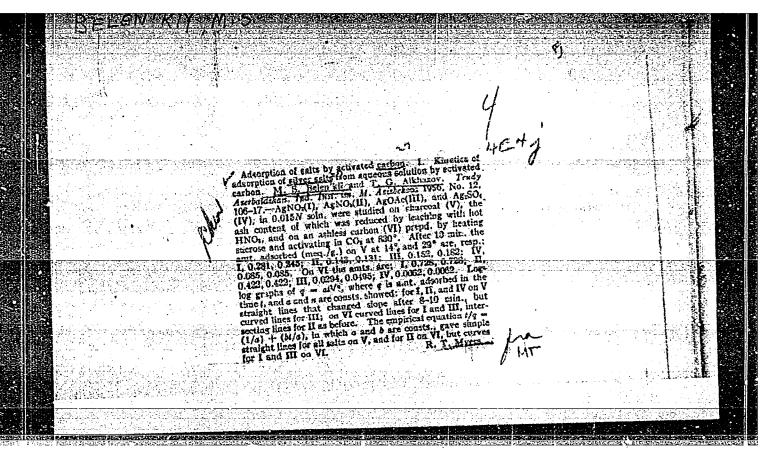












BELEN'KIY, M.S.; KUZYATINA, H.S.; SKORUPKO, Ya.P.

Effect of promoters from elements of the second group of the periodic system on catalytic properties of molybdenum-aluminum oxide catalysts. Izv.vys.ucheb.zav.; neft i gaz 1 no.10:87-93 '58. (MIRA 12:4)

l. Azerbaydzhanskiy industrial'nyy institut imeni M.Azizbekova. (Catalysts)

sov/153-2-4-11/32

5(2,4) AUTHORS:

Belen'kiy, M. S., Alkhazov, T. G.

TITLE:

Investigations in the Field of Adsorption of Salts by Activated Charcoal. Adsorption Kinetics of Silver Ions by Activated Charcoal From Alcoholic Aqueous Solutions

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i khimicheskaya tekhnologiya, 1959, Vol 2, Nr 4, pp 528 - 532 (USSR)

ABSTRACT:

The adsorption of electrolytes from aqueous solutions by means of activated charcoal in the presence of nonelectrolytes was investigated in references 1-5. It appeared that the presence of alcohols reduces the adsorbability of silver salts, Traube's rule being observed. The adsorption kinetics, however, was hardly considered or not considered at all. This gap was to be filled by means of the investigation under review by the example of silver-nitrate solutions. The information obtained experimentally on the adsorption kinetics of Ag by the activated charcoal 1,2, and 3(sugar charcoal) is shown in figures 1 and 2. Figure 1 illustrates the adsorption kinetics by charcoal 1am 3 from an aqueous solution as well as alcoholic aqueous solutions with

Card 1/3

Investigations in the Field of Adsorption of Salts by SOV/153-2-4-11/32 Activated Charcoal Adsorption Kinetics of Silver Ions by Activated Charcoal From Alcoholic Aqueous Solutions

varying ethanol content. Hence it appears that the adsorption power of charcoal rapidly decreases in relation to Ag+ with a concentration increase of alcohol in the initial solution. In connection with it the adsorption on these charcoals decreases by 40 to 50%. Figure 2 shows the adsorption under discussion on charcoal 2. Hence it can be seen that the kinetic curves of the adsorption from the aqueous as well as the alcoholic aqueous solution coincide completely. Ethanol does not noticeably suppress the adsorption process on this charcoal. Because of the entirely different effect of ethanol on the adsorption on charcoals 1 and 2, the effect of a different alcohol from the same homologous sequence was checked. Isoamyl alcohol with a concentration of 0.0304 mol/1 was used for this purpose. Figure 3 shows the corresponding adsorption curves. Hence it follows that isoamyl alcohol has an effect on the adsorption mentioned similar to ethanol. Thus it appears that a prolonged treatment of charcoal with a weak HNO_x-solution causes oxidation of its surface, and changes its properties. This problem is discussed in another paper. As can be seen from figure 4, the adsorption from aqueous alcoholic solutions is described by the equation

Card 2/3

Investigations in the Field of Adsorption of Salts by SOV/153-2-4-11/32 Activated Charcoal. Adsorption Finetics of Silver Ions by Activated Charcoal From Alcoholic Aqueous Solutions

q = at 1+bt derived by the authors (Ref 6); q = the quantity of silver ions adsorbed during the period t, a and b = constants. Moreover, it can be seen from figure 4 that all lines drawn on account of experimental data are straight lines. This meets the demands of the above equation. The measurements of the surface tension of the aqueous isoamyl-alcohol solution before and after adsorption showed that the presence of AgNO₂(0.015 n) does not noticeably affect the tension mentioned (Table 1). But the presence of AgNO₂ reduces the adsorbability of alcohol on charcoal 2 more than on charcoal 1. This proves the great variation of the surface character of charcoal caused by a prolonged oxidation. Moreover, the following Soviet names were mentioned in the paper: Shilov, N. A., Lepin', L. K., Dubinin, M. M., Kovaleva, L. I., and Strazhesko, D. I.

. There are 4 figures, 1 table, and 6 Soviet references. ASSOCIATION: Azerbaydzhanskiy institut nefti i khimii, Kafedra obshchey khimii

(Azerbaydzhan Institute of Petroleum and Chemistry, Chair of

General Chemistry)

SUBMITTED: May 20, 1958

Card 3/3

ALKHAZOV, T.G.; HELEN'KIY, M.S.

High-temperature catalytic oxidation of carbon monoxide. Izv. vys. ucheb. zev.; neft'i gaz 2 no.6:59-65 '59. (MRA 12:10)

1.Azerbaydzhanskiy institut nefti i khimil im. M. Azizbekova. (Carbon monoxide) (Oxidation)

ALKHAZOV, T.G.; BELEN'KIY, M.S. Effect of the composition of iron oxide - alumina catalysts on their activity in the oxidation of carbon monoxide. Izv.vys. ucheb.zav.; neft' i gaz 2 no.11:83-87 '59.

(MIRA 13:4)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azilbekova. (Carbon monoxide) (Alumina) (Iron oxide)

8/152/60/000/012/003/007 B027/B068

AUTHORS:

Akhundova N. A., Belen'kiy M. S.

TITLE:

Oxidation of Carbon Monoxide on Spinels at High Temperature

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy. Neft' i gaz, 1960,

No. 12, pp. 73 - 78

TEXT: In this paper, catalytic activity of spinels in the oxidation of carbon monoxide is treated, since problems concerned with the recovery of additional heat by combustion of CO, the purification of air in industrial districts, and the decontamination of exhaust gases become more and more important. The spinel structure of the synthetized compounds was confirmed by the x-ray examination performed by Professor A. Z. Vezirzade. In the course of the experiments, it was found that the spinels of the ferromanganese, copper manganite, and copper chromate groups are active at 300°, 400°, and 500°C, with copper manganite being highly active also at 200°C. The effect of volume speed, reaction temperature, and gasmixture composition on the percentage of CO oxidation as well as the rate

Card 1/2

Oxidation of Carbon Monoxide on Spinels at High Temperature

s/152/60/000/012/003/007 B027/B068

constant of the reaction on the MnFe204 catalyst were also studied. The oxidation of carbon monoxide on MnFe204 is a first-order reaction with respect to CO. Long-time annealing of manganese ferrite at 900°C reduces its activity with the activation energy rising from 5 to 6 up to 6.4 kcal/mole. At 200 to 300°C, the activity of the catalyst is considerably decreased, and at 400°C and more it is lower by 7.0 to 1.5%. The oxidation degree of CO at 400 to 500°C even at a volume speed of 6000 h was not below 95% for a gas containing 4% CO. At the NIIOGaz (Scientific Research Institute for Gas Purification in Industry and Sanitation), the promotive effect of manganese oxide was utilized to synthetize a sideritebased contact. There are 2 figures, 3 tables, and 11 references: 6 Soviet and 5 US.

ASSOCIATION:

Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova

(Azerbaydzhan Institute of Petroleum and Chemistry imeni

M. Azizbekov)

SUBMITTED:

June 30, 1960

Card 2/2

ALKHAZOV, T.G.; BELEN'KIY, M.S.

Electric and catalytic properties of alux_na-iron oxide catalysts. Izv.vys.ucheb.zav.; neft' i gaz 3 no.3:73-80 '60. (MIRA 14:10)

l. Azerbaydzhanskiy institut nefti i khimii imeni M.Azizbekova. (Catalysts)

ALKHAZOV, T.G.; BELEN'KIY, M.S.

Kinetics and mechanism of the oxidation of carbon monoxide on an iron oxide catalyst. Izv. vys. ucheb. zav.; neft' i gaz 3 no.8: 87-93 '60. (MIRA 14:4)

1. Azerbaydzhanskiy institut nefti i khimii imeni M.Azizbekova. (Carbon monoxide) (Iron oxides)

BELEN'KIY, M.S.; ALKHAZOV, T.G.; MAL'YAN, A.N.

Oxidation of carbon monoxide in regeneration gases, Izv. vys. ucheb. zav.; neft' i gaz 3 no.10:83-88 '60. (MIRA 14:4)

1. Azerbaydzhanskiy institut nefti i khimii imeni M.Azizbekova. (Carbon monoxide)

AKHUNDOVA, N.A.; HELEN'KIY, M.S. High-temperature exidation of carbon monoxide with spinels. Izv. vys. ucheb. zav.; neft' i gaz 3 no.12:73-78 '60. (MIRA 14:10) 1. Azerbaydzhanskiy institut nefti i khimii imeni M. Azizbekova. (Carbon monoxide) (Spinel group) (Oxidation)

24-7100 1138 1035 1043

30921 S/155/01/002/003/006/009 E030/E111

AUTHORS:

Belen'kiy, M.S., and Alkhazov, T.G.

TITLE:

Influence of oxygen and carbon monoxide on the

electrical conductivity of iron oxide

PERIODICAL: Kinetika i kataliz, v.2, no.3, 1961, 368-373

TEXT: Experiments have been carried out at around 300 °C in vacuo on the influence on the electrical conductivity of iron oxide of concentrations of oxygen and carbon monoxide far in excess of those required for monolayer formation. The specimens were formed from a fine powder of iron oxide as pellets under 2000 atm pressure, being 18.1 mm long, 8.4 mm broad and 5-6 mm high, depending on the amount of binding oxide. The pellet weights were 2.5, -3.0 g and the surface area determined by adsorption at -195 °C was 1.5 to 2.5 m². The conductivity was measured with a potentiometer of sensitivity 1.5 x 10-8 A/div, and the temperature was controlled to ± 2 °C. The pressure could be reduced to around 10-4 mm Hg. On addition of oxygen in any amount from 1.01 to 14.9 mmol x 10³, the conductivity falls by Card 1/4/2

X

30921 \$/195/t1/002/003/006/009 E030/E111

Influence of oxygen and carbon ...

a factor of two or three within several seconds, then slowly rises over several minutes to a value well below the original. With carbon monoxide the behaviour is exactly the opposite, with a sharp rise (by a factor of about five) then a gradual fall. After these processes have been repeated several times on one specimen the change $\Delta \sigma / \Delta q$ with volume of gas is plotted against mean conductivity (Fig. 5). In each case the initial steep variation corresponds with monolayer formation, but the successive slower change is at much higher concentrations. The mechanism suggested for oxygen is one of monolayer formation, followed by gradual diffusion of surface atoms into the crystal lattice, with a reaction between Fe203 and Fe304. With carbon monoxide, surface oxygen is rapidly reacted to cause the steep rise, until the rate of diffusion of oxygen to the surface equals the reaction rate, and hence the subsequent fall. Adsorption data and magnetic data are given to support this view. It is stated that the work is being continued. G.I. Chufarov and Ye.P. Tatiyevskaya are mentioned in the article for their contributions in this field.

Card 2//3

30921 S/195/61/002/003/006/009 Influence of oxygen and carbon ... E030/E111

There are 5 figures and 8 references: 7 Soviet-bloc and 1 non-Soviet-bloc. The English language reference reads as follows: Ref. 5: E.R.S. Winter, J. Chem. Soc., 3824, 1955.

ASSOCIATION: Azerbaydzhanskiy institut nefti i khimii im.

M. Azizbekova, Baku

(Azerbaydzhan Petrochemistry Institute imeni

M. Azizbekov, Baku)

SUBMITTED: November 10, 1960

Card 3/4 3

SULTANOV, M.Yu.; BELEN'KIY, M.S.

Effect of composition on the properties of copper-chromium oxide catalysts in the oxidation of carbon monoxide. Izv. vys. zav.; neft' i gaz 5 no.9:63-69 '62. (MIRA 17:5)

l. Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova.

\$/081/62/000/023/058/120 B160/B186

AUTHORS:

Belen'kiy, M. S., Alkhazov, T. G., Mal'yan, A. N.

TITLE:

Effect of lithium oxide on the properties of iron oxide

catalysts

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 23, 1962, 468, abstract

23K2O3 (Azerb. khim. zh., no. 2, 1962, 95-101 [Summary in

Azerb.])

TEXT: Catalysts were made by the decomposition of "pure" Fe(NO3)3. Separate portions of the iron oxide obtained were impregnated with calculated amounts of LiNO3 solution ("pure" grade), slightly dried and pressed into tablets under a pressure of 2600 kg/cm2. The tablets were baked in air for 5 hours at 900-950°C and then broken into small pieces of 2-3 mm size. Adding small amounts of Li20 strongly reduces the activity The minimum of activity is shown in a catalyst containing 0.7% Li20. The introduction of Li20 leads to a reduction in the catalyst's

Card 1/2

density and an increase in its specific surface area. 6 references.					
[Abstracter's note: Co	mplete translation	•]			
		•			
				•	

				· · · · · · · · · · · · · · · · · · ·	
Card 2/2		·			
	•				•

Effect of the treatment with dilute nitric acid on the adsorption properties of charcoals. Izv.vys.ucheb.zav.;khim.
i khim.tekh. 5 no.3:433-438 '62. (MIRA 15:7)

| Azerbaydzhanskiy institut nefti i khimii imemi M. Azizbekova, kafedra fizicheskoy khimii.
| (Charcoal) (Adsorption) (Nitric acid)

8/152/63/000/002/001/00] B126/B186

AUTHORS:

Sultanov, M. Yu., Belen'kiy, M. S.

TITLE:

Oxidation of CO and high-degree oxidation of n-heptane on

copper-chromium oxide catalyst 2Cu0.Cr,0,

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Neft' i gaz,

1963, 50 - 55

TEXT: Detailed tests on the above reactions were carried out with a view to decontaminating exhaust and recovery gases. The catalyst obtained by decomposition of precipitated copper and chromium hydroxides at 180°C was heated for 2 hrs and broken into pieces of 3 - 3.5 mm. At a volume velocity

of 52000 hr 1 85 % CO was oxidised at 280°C and 80 % n-heptane at 380°C. The size of the pellets did not influence the activation energy. The course of the reaction with CO and n-heptane was of the first order and with oxygen zero. The kinetics of CO oxidation in concentrations of 0.5 to 6 % can be expressed by a simple equation. For the kinetics of high-degree oxidation of n-heptane this equation applies only if the initial concentry tion is constant, as its increase raduces the reaction velocity.

Card 1/2

Oxidation of CO and high-degree oxidation ... B126/B186

with 2 % vapour in the blend showed that reaction was deferred about it also observed after 620 hrs of work. However the initial oxidation degree can be regained by increasing the temperature by 20°C. There are 4 figures and 3 tables.

ASSOCIATION: Azerbaydzhanskiy inetitut nefti i khimii im. M. Azizbekov (Azerbaydzhan Institute of Petroleum and Chemistry imani)

SURMITTED: July 17; 1962

Card 2/2

"Health resorts in Moldavia" by V.IA. Negrescu. Reviewed by M.S. Belen'kdi. Vop.kur., fizioter.i lech.fiz.kul't. 28 no.1:87-88 163. (MIRA 16:

(MIRA 16:4)
(MOLDAVIA_HEALTH RESORTS, WATERING PLACES, ETC.)
(NEGRESCU, V.IA.)

ALKHAZOV, T.G.; BELEN'KIY, M.S.

Catalytic and electric properties of coprecipitated iron oxide-alumina catalysts. Izv. vys. ucheb. zav.; neft' i gaz 5 no.3:69-74 '62. (MIRA 16:8)

1. Azerbaydzhanskiy institut nefti i khimii imeni M. Azizbekova

HELEN'KIY, M.S.; ALKHAZOV, T.G.

Mild catalytic oxidation of butene to bivynil. Izv.vys.ucheb.zav.; neft' i gaz 6 no.9:57-60 '63. (MIRA 17:2)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova.

ACCESSION NR: AP4019335

5/0152/64/000/002/0049/0054

AUTHOR: Alkhazov, T. G.; Belen'kiy, M. S.; Motyakova, R. I.; Khiteyeva, V.M.

TITLE: A study of catalytic butylene oxidation into divinyl

SOURCE: IVUZ. Neft' i gaz, no. 2, 1964; 49-54

TOPIC TAGS: butylene fast oxidation, catalytic butylene oxidation, divinyl, butylene, CO2

ABSTRACT: The new methods of oxidizing dehydrogenation of olefines at high rates is the subject of some U.S.A. and British patents. Notwithstanding general interest, very little is known about these processes. The purpose of the authors was a detailed study of how various parameters influence butylene oxidation by air. They undertook tests over a fixed catalyst bed (catalyst not specified). Other conditions were: temperature 450-500C, volumetric velocity reduced to room conditions 1800-9000 hr⁻¹, butylene/air ratio 1:6 to 1:1. In the gaseous reaction products, only divinyl, carbon dioxide and unreacted butylene were found (traces of carbon monoxide and nitrogen enriched air). At a volume-

Card 1/2

ACCESSION NR: AP4019335

tric velocity of 9000 hr⁻¹, the increase of butylene content by 3.8x results in decreased butylene oxidation into divinyl and carbon dioxide (at 450C), with the proportion of decrease being 5.4 and 2.1, respectively. Changes in the initial composition have a different influence on complete and soft oxidation. The maximum productivity is achieved at a volumetric velocity of 9000 hr-1, a temperature of 550C, and butylene/air ratio 1:2. The yield is then 1.6 kg divinyl over one liter of catalyst. The ratio of divinyl/CO2 yield is then 10 which is the maximum achieved during these tests. Increasing the temperature results in a higher percentage of oxidation and higher effectiveness of the catalyst. This trend continues until the oxygen content reaches a certain minimum when the reaction slows down and secondary reactions (polymerization) set in. Orig. art. has: 4 figures. 1 table.

ASSOCIATION: Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova

(Azerbaidzhan Petroleum and Chemical Institute)

ENCL: 00 SUBMITTED:\22Nov63 DATE ACQ: 27Mar64 NO REF SOV: 003 -SUB CODE: CH

OTHER: 005

VARTAKOV, A.A., BELENKIY, M.C., ALKHAZOV, T.G.

Poscibility of obtaining isoprene by the oxidative dehydrogenation of isosmylenes. Izv. vys. zav.; neft' i gsz 7 no.6:45-48 '64. (MIRA 17:9)

1. Azerbaydshanskiy institut nefti i khimii imeni Azizbekova.

BELEN'KIY, M.S.; KARACHUNSKAYA, F.Ya.

Briquetted mud from the Kuyalnitskiy Liman and the first experiment in its use for therapeutic purposes. Vop. kur., fizioter. i lech. fiz. kul't. 28 no.5:454-457 S-0 '63. (MIRA 17:9)

1. Iz revmatologicheskoy kliniki (zav.- M.S. Belen'kiy) Ukrainskogo instituta kurortologii i fizioterapii (dir.dotsent F.Ye. Kurkudym).

L 11319-65 EWT(m)/EPF(c)/EWP(j) Pc-4/Pr-4 RM

ACCESSION NR; AP4042484 \$/0152/64/900/006/0045/0048

AUTHOR: Vartanov, A. A.; Belen'kly, M. S.; Alkhazov, T. G.

TITLE: The possibility of preparing Isoprene by the oxidative dehydrogenation of Isoamylenes

SOURCE: 1402, Neft1 | gaz, no. 6, 1964, 45-48

TOPIC TAGS: Isoprene, butadiene, isoamylene, isoprene preparation, dehydrogenation, oxidative dehydrogenation, hydroxydipropionitrile

ABSTRACT: In the case of butadiene, the low yields caused by the reversibility of the dehydrogenation reaction, the endothermic nature of the process and the need for period regeneration of the catalyst can be overcome by continuous oxidative dehydrogenation. The authors therefore investigated this process for the preparation of isoprene from isoamylene (prepared from isoamyl alcohol) by passing a mixture of isoamylenes and air over an immobile catalyst layer (β,β'-hydroxy-dipropionitrile on diatomaceous earth) under varying conditions of flow rate and temperature (450-565C). The apparatus is described, and data for trial runs with and without a catalyst carrier are tabulated. The best yields of isoprene (approxate 1/2) of the process of flow. Orig. art. has: 3 figures and 1 table.

ACCESSION NR: AP4042484 ASSOCIATION: Azerbaydzhansk Jan Institute of Petroleum a	ly institut nefti i khimii im nd Chemistry)	, A. Azlzbekciva (Azerbal-	
SUBMITTED: 28Jan64	ENCL: 00	SUB CONE: OC	
NO REF SOV: 007	OTHER: 003		
a de mais está está está de la constitución de la c			
함은 다른 것은 다른 사람들이 되었다. 1985년 1월 2일 전 1985년 1일 1일 - 1일			
Card 3/2			

VARTANOV, A.A.; ALKHAZOV, T.G.; BELEN'KIY, M.S.

Studying the effect of oxygen and isoamylene concentrations on their oxidative dehydrogenation. Izv. vys. ucheb. zav.; neft' i gaz 8 no.3:72,34 '65. (MIRA 18:5)

1. Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova.

ALKHAZOV, T.G.; BELEN'KIY, M.S.; KISELEVA, N.A.

Effect of isobutylene on the oxidative dehydrogenation of butylenes. Izv. vys. ucheb. zav.; neft' i gaz 8 no.2:82,88 '65. (MIRA 18:3)

1. Azerbaydzhanskiy institut nefti i khimii im. M. Azizbekova.

VARTANOV, A.A.; BELEN'KSY, M.S.; ALKHAZOV, T.G.

Investigating the effect of the volumatric speed and temperature on the oxidative dehydrogenation of ispamilenes. Izv. vys. ucheb. zav.; neft' i gaz 8 no.4440,52 '65. (MIRA 18:5)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova.

BELEN'KIY, M.S.

Belen'kiy, M.S. "On the reaction of the physiclogical system of the connective tissues to mud treatment. On the problem of the mechanism of the action of mud therapy", Vracheb. delo, 1949, No. 1, paragraphs 55-60.

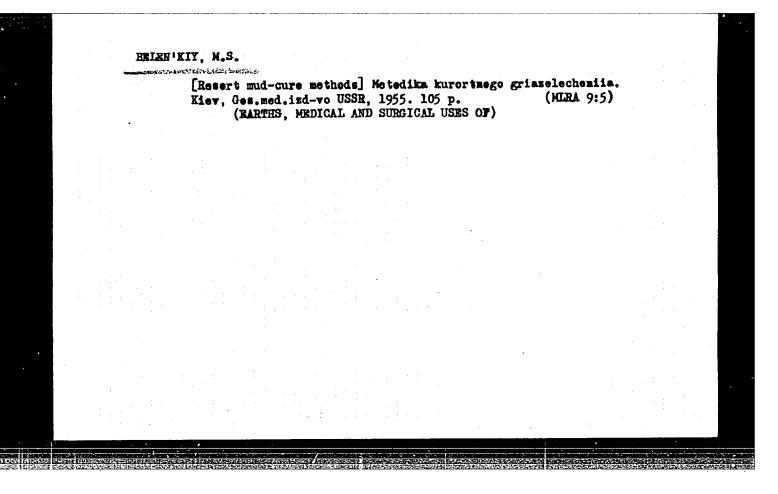
SO: U-3042, 11 March 53, (Letopis 'nykh Statey, No. 9, 1949)

	Difference 3:38 M	ential diagn ar 1952.	osis of br	ucellous sa	croiliit	is. Sove (CIML 2)	et. med. 2:1)	16 no.	
	1. Ode	8 5 8.							
			•						
					÷				
	•								

BELEN'KIY, M.S.

Localization of damages of the muscles and ligaments in brucellosis. Klin. med., Moskoa 30 no.2:43-44 Feb 1952. (CIML 22:1)

1. Of the Rheumatological Clinic, Ukrainian Institute of Health Resort Therapy (Director -- A. I. Sokolov), Odessa.



BELEN'KIY, M.S.

USSR/Chemical Technology - Chemical Products and Their Application. Electrochemical

Manufacturing. Electrodeposition. Chemical Sources of

Electrical Current, I-8

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62180

Author: Belen'kiy, M. S., Rostomyan, P. M.

Institution: None

Title: Development of a Method for Rapid Evaluation of the Quality of

Activated Pyrolusite

Original

Periodical: Tr. Azerb. industr. in-te, 1956, No 12, 118-122; Azerbaijani resumé

Abstract: There is proposed a rapid method for evaluating the quality of acti-

vated pyrolusite (GAP) based on the dependence of the thermal effect (TE) of the reaction taking place in a galvanic cell upon the quality of GAP. To determine TE the cell is immersed up to the neck of the jar into a calorimeter filled with water and after the thermal equilibrium has been reached the circuit is closed over an 0.5 ohm resistance located outside of the calorimeter. Evaluation of

quality of GAP is provided by the amount of heat generated within

Card 1/1 10-16 minutes.

BELEN'KIY, MORSEY SAMOYLOVICH.

RELINI'KIY. Molsey Samoylovich. TURKO, Boris Pavlovich; SHPIL'BERG, Grigoriy

Iosmovich; Kirickinskiy, A.P., redaktor; LOKHMATIY, Ye.G., tekhnicheskiy redaktor

[Health resorts of the Odessa sanatorium district] Zdravnitsy
odesskogo kurortnogo raiona. Kiev, Gos.med.ixd-vo USSR, 1957.

94 b.

(ODESSA PROVINCE—HEALTH RESORTS, WATERING PLACES, ETC.)

BELEN'KIY, M.S.: RYBCHINSKAYA, Ye.M.

Health resort therapy, therapeutic baths and adrenocorticotrophic hormone in the compound treatment of infectious nonspecific polyarthritis. Terap.arkh. 29 no.6:62-68 Je 157. (HIRA 10:10)

1. Iz revmatologicheskoy kliniki (zav. M.S.Belen'kiy) Ukrainskogo instituta kurortologii.

(ARTHRITIS, RHEUMATOID, therapy,
ACTH with balneother. (Rus))
(BALNEOLOGY, in ver. dis.
rheum. arthritis, with ACTH (Rus))
(ACTH, therapeutic use,
rheum. arthritis, with ablneother. (Rus))

B

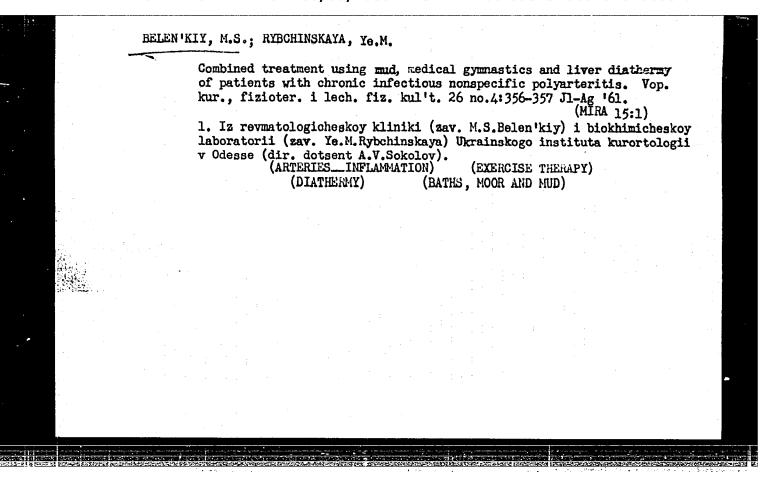
BELEN'KIY, M.S.; RYBCHINSKAYA, Ye.M. (Odessa)

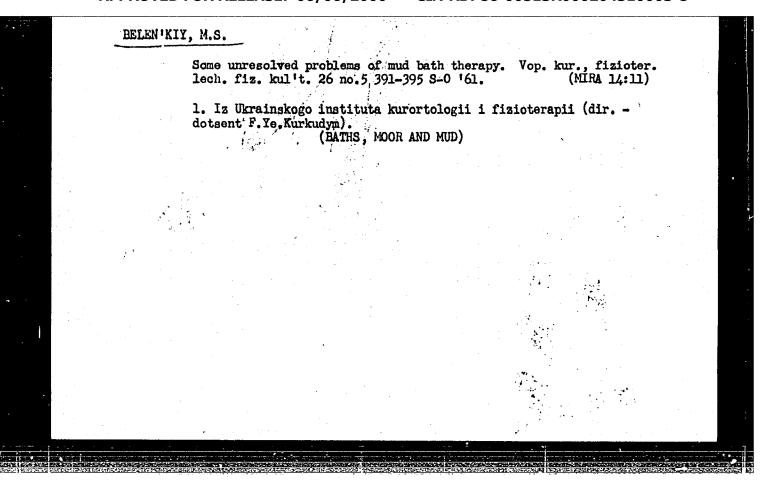
Combined mud and butadione therapy in nonspecific infectious polyarthritis. Vrach.delo no.1:7-9 '59. (MIRA 12:4)

1. Revmatologicheskaya klinika i biokhimicheskaya laboratoriya Ukrainskogo instituta kurortologii. (PYRAZOLIDINEDIONE) (BATHS, MOOR AND MUD)

(ARTHRITIS, RHEUMATOID)

			Cas	of "is	olat	end end	obronchiti	. Vrach	. del	o no.8	:122 MTRA	Ag 1	61.	
		÷	1.	Chetver	tyy]	protivo	tuberkulezi (BRONCI	nyy dispa HTIS)	nser,	Krivo	y Rog	Tyty. Se	,	
	÷	4			-									
			:					· ·						
										*				
		: :		:				• ,						* *
· *														
									:					





BELEN'KIY, M.S.; ZYBINA, M.A. (Krivoy Rog)

Tuberculosis of the stomach. Vrach. delo no.1:145-146 Ja '62.
(MIRA 15:2)

1. Onkologicheskiy dispanser, Krivoy Rog.
(STOMACH__TUBERCULOSIS)

BELEN'KIY, M.S.; RYBCHINSKAYA, Ye.M.; RUKHEL'MAN, R.O.

Dynamics of the restorative process in infectious nonspecific (rheumatoid) polyarthritis during compound health resort treatment according to data on the clinical aspects of the disease and some laboratory data (protein fractions in the blood serum and detailed erythrocyte sedimentation reaction). Zdravookhranenie 5 no.1:30-35 Ja-F 162. (MIRA 15:4)

1. Iz revmatologicheskoy kliniki i biokhimicheskoy laboratorii Ukrainskogo instituta kurortologii i fizioterapii (direktor dotsent F.Ye. Kurkudym).

(ARTHRITIS, RHEUMATOID) (BLOOD PROTEINS)
(ERYTHROCYTES)

SULTANOV, M.Yu.; BELEN'KIY, M.S.

Influence of composition on the properties of copper-chromium-oxide catalyts in the reaction of total oxidation of n-heptane. Izv.vys. ucheb.zav.; neft' i gaz 5 no.12:59-64 '62. (MIRA 17:4)

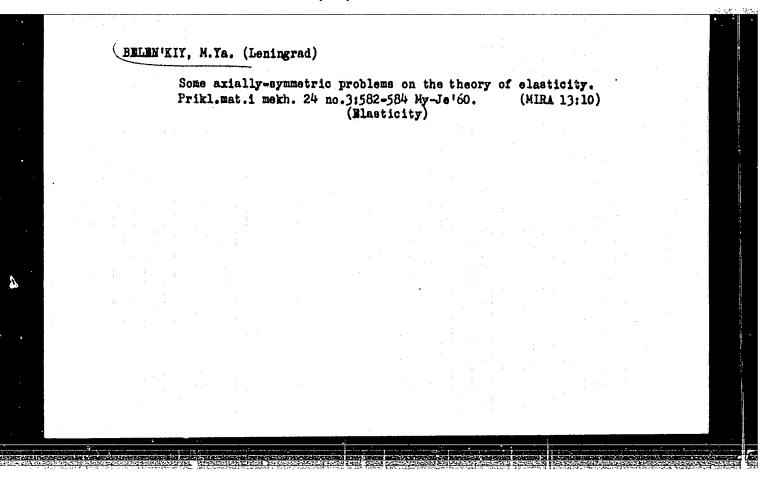
l. Azerbaydzhanskiy institut nefti i khimii imeni M. Azizbekova.

USGN/Physics - Elasticity Theory May/Jun 52

"Mixed Problem of the Theory of Elasticity for an Infinitely Long Strip," M. Ya. Belen'kly, Leningrad State U

"Priklad Matemat i Mekh" Vol XVI, No 3, pp 283-292

Solves the mixed problem of elasticity theory for an infinitely long strip. Incidentally solves the auxiliary problem, namely, the problem with stresses given on the boundary of the strip. Submitted 29 Jun 51.



BELEN'KIY, M. Th., kand.fisiko-matematicheskikh nauk

Approximate solution of lock filling and emptying equations.

Trudy LIVI na.813-8 '60.

(Locks(Hydraulic engineering))

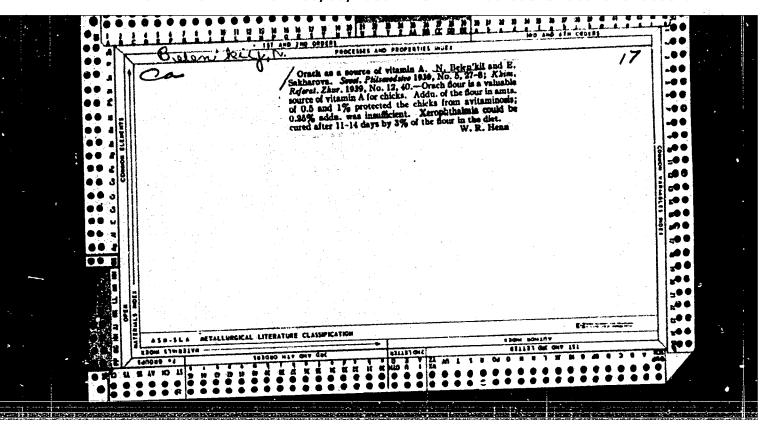
BELFN'KIY, M.Ya., kand. tekhn. nauk; FEVZMER, S.M., inzh.

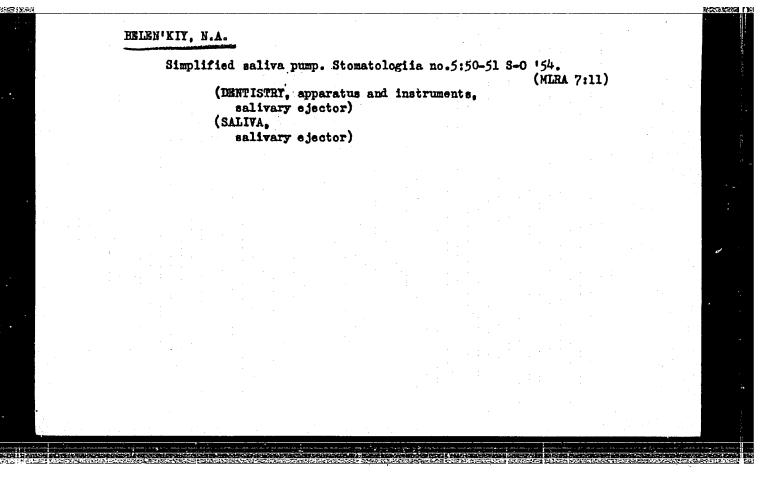
Solving differential equations for the curve of a scoinson arch type structure of general form. Trudy LIVT no.47: 21-26 '63. (MIRA 17:9)

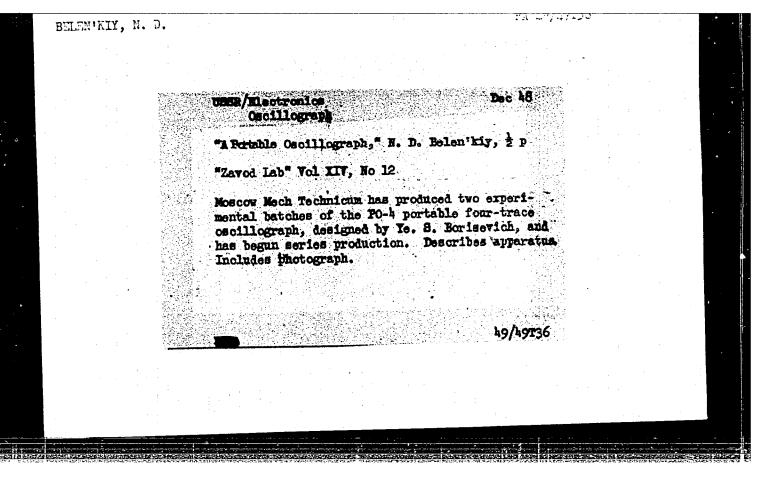
BELEN'KIY, M. Z. Dr. Chem. Sci.

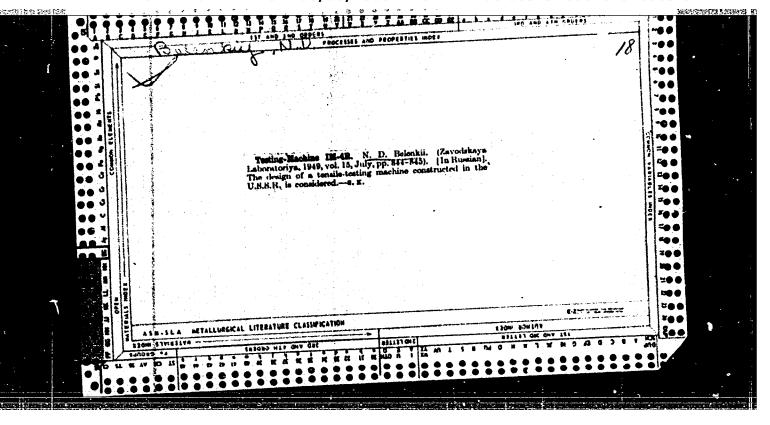
Dissertation: "Experimental Research in the Field of Oxides of the Transition Elements." Inst of Physical Chemistry, Acad Sci USSR, 7 Jun 47.

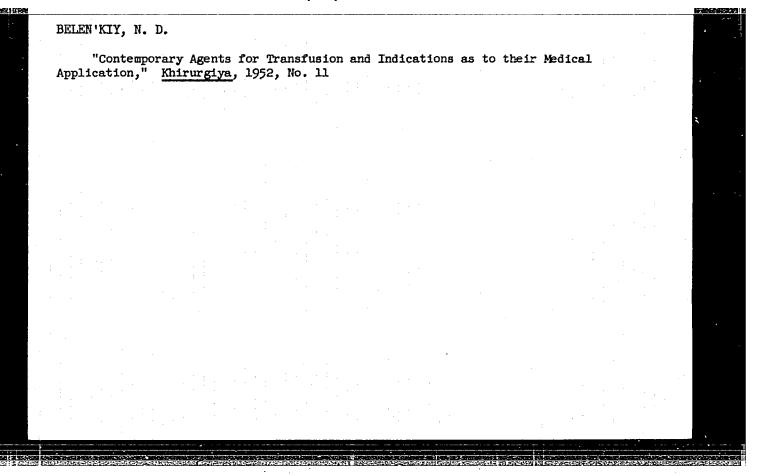
So: Vechernysya Moskva, Jun, 1947 (Project #17836)











"Effect of the Time of Bleeding large horned cattle on the quality and quantity of meat," Doklady Vsesoyoz Akad. S-Kh Nauk in Lenina No. 1, 1947. (p. 7-19).

BELEN'KIY	(, N. G	33/29/74		Submitted 3 May 48.	od Transfusi	ttle blood is a sat . Produced good re animals had lost u ge intravenous dose	"Possible Use of Blood Obtained From Live "Possible Use of Blood Obtained From Live Animals (Blood Serum of Large-Horned Cattle as a Animals (Blood Serum of Large-Horned Cattle as a Substitute for Blood)," N. G. Belen'kiy, Dr Biol Substitute for Blood)," N. G. Belen'kiy, Dr Biol Sci, L. Ye. Kaplan, Cand Biol Sci, T. A. Cubarev, Sci, L. Ye. Kaplan, Cand Biol Sci, T. A. Cubarev, Cand Biol Sci, 11 pp	ussk/Medicine - Blood Transfusion Wedicine - Serotherapy and Hemotherapy
			Alter Southern Tables Was San					na an Maria na sana na an

Belen'kiy, N.G., Kuznetsov, I. M., and Yevstigneyev, S. N.

Belen'kiy, N. G., Kuznetsov, I. M., and Yevstigneyev, S. N.

"Academician Mikhail Iudovish D'yakov (Zootechnologist) on

"Academician Mikhail Iudovish Diyakov (Zootechnologist) on

"Acad

HELEN'KIY, N. G.

"Tetanus in Horses and Its Control," Veterinariya, No. 8, 1948.

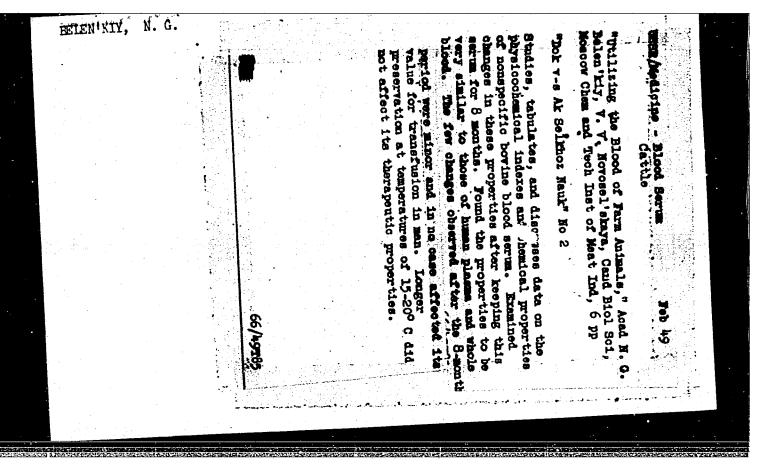
BELEN'KIY, N. G.

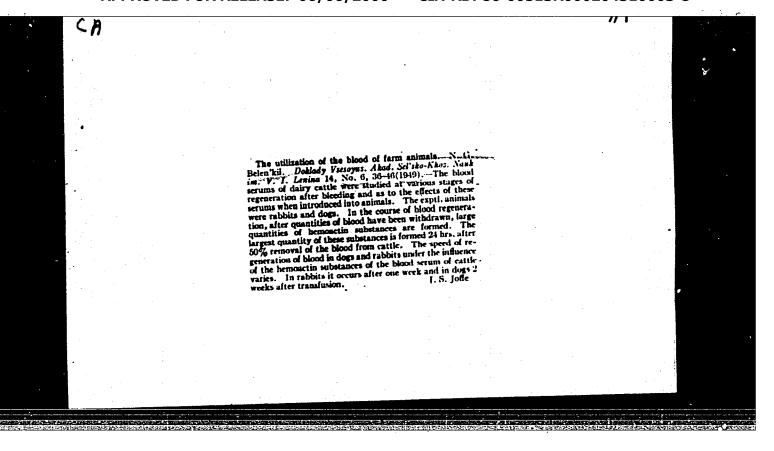
"Tetanus in Horses and Its Countermeasures," Veterinariya, No. 9, 1948.
N. F. Gamaleya, Hon. Mem., Acad. Sci. USSR.

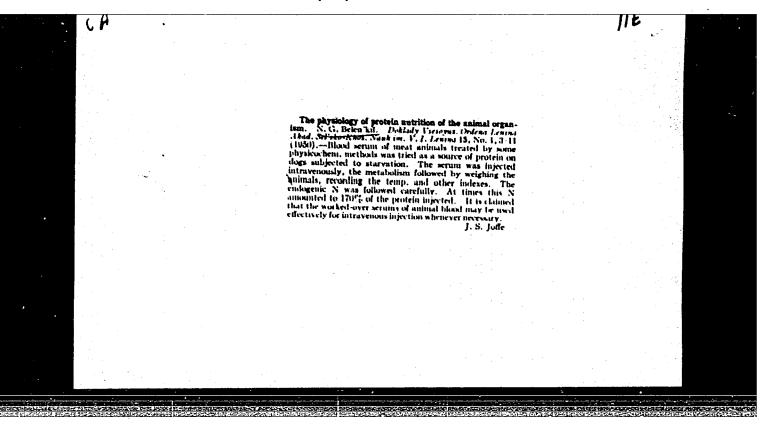
BELEN'KIY, N.G.

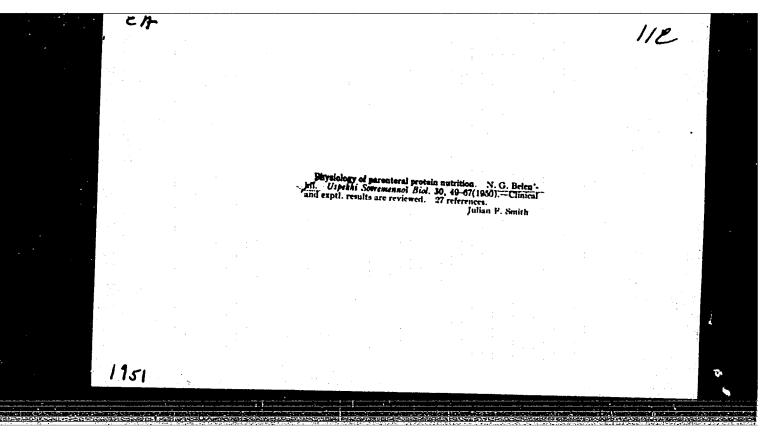
Belen'kiy, N.J. "The influence of the degree of sheltering of cattle on the quality and quantity of its meat", Doklady Vsesoyuz. akad. s.-kh. nauk im. Lenina, 1949, Issue 1, p. 7-19.

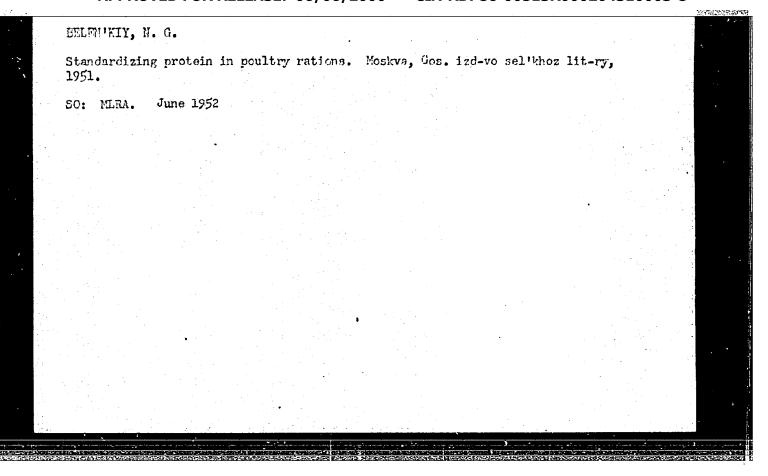
SO: U-3042, 11 March 53, (Letopis 'nykh Statey, No. 9, 1949)











BELENKY, N. G.
"N. G. Belenky, Serum Made Free of Specific Characters." (p. 70) by Porov, N. F.
SO: Journal of General Biology XII (Zhurnal Obshchei Biologii) Vol. 12, No.1, 1951.

RELEN'KII, N. G.

"Farenteral Protein Nutrition of Man and Animals, by N. G. Belen'kii." (p. 156)
by Simonyan, K. S.

SO: Progress of Contemporary Riology, 1951, Vol. XXXI, No. 1, January-February

EELEN'KIY, N. G.

"Non-specific serum; biological properties and application." Reviewed by V. V. Vlodavets. Khirurgiia no. 3, 1952.

SO: MLRA. August 1952

BELEN'KIY, N.G., akademik.

Infusoria in calves. Veterinariia 30 no.12:25-35 D '53.(MLRA 6:11)

BELEN'KIY, N.G.

"Blood serum transfusion in animals (species nonspecific serum)."

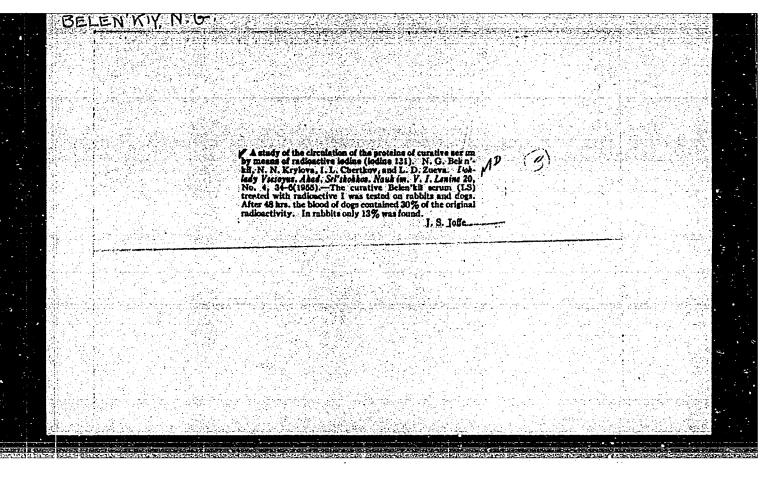
N.G.Belen'kii, Reviewed by B.N.Sofronov. Zhur.mikrobiol.epid.i

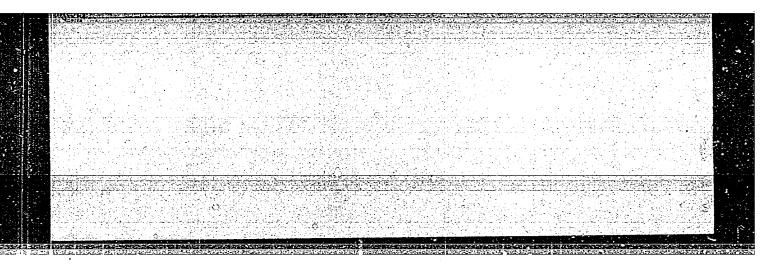
immun. no.5:114-116 My '55.

(ALLERGY)

(BLOOD-TRANSFUSION)

(BHLEN'KII, N.G.)





USSR/Farm Animals. General Froblems

Q-1

Abs Jour : Rof Zhur - Biol., No 8, 1958, No 35593

Author Bolonikiy N.G.

Inst : Not Given

Cord

Title : On the Increase of the Vitality of the Animal Organism (O

povyshonii zhiznennosti zhivotnogo organizma)

Orig Fub : Dokl. VASKhNIL, 1956, vyp. 2, 28-30

Abstract: The experiments cerried out in the Kazekh SSR demonstrated APPROVED FOR RELEASE OG QG 12,000 or tGIARD RSG 09513R 9001204310003-8"

serum, the activity of semen was increased, on the average, by 37%, the volume of ejeculum augmented by 42%, and the concentration of spermatozoa increased by 44.2%. 716 ewes were inseminated by one ram, as against 226 ewes inseminated by a control ram. In experiments with rabbits, the mating attained 100%, and fertilization after first coupling was 86%, as against 72 and 60% in the controls. In the southor "Faustove", near Moscow, in cows long infertile and without sexual desire, after injection of the non-specific serum the heat 1/1 could be observed in 100% of cases.

USSR/Human and Animal Physiology - (Normal and Pathological).

T-4

Blood. Blood Transfusion and Blood Substitutes.

Abs Jour

: Ref Zhur - Biol., No 11, 1958, 50710

Author

: Belen'kiy, N.G.

Inst

: All-Union Academy of Agricultural Sciences.

Title

: The Problem of Preparing Blood Substitutes from the Blood

of Farm Animals.

Orig Pub

: Dokl. VASKNIL, 1956, No 7, 11-16.

Abstract : A review of studies is presented on the problem of preparing blood substitutes, namely, the serum of Belen'kiy, as well as parenterin. The advantages of using blood substitutes as against the blood of donors are mentioned, and a description is given of the characteristics of such blood substitutes, of their compositions, and of the trans-

fusion reactions of animals and of man to them.

Card 1/2

- 31 -

USSR/Human and Animal Physiology -(Normal and Pathological).
Blood. Blood Transfusion and Blood Substitutes.

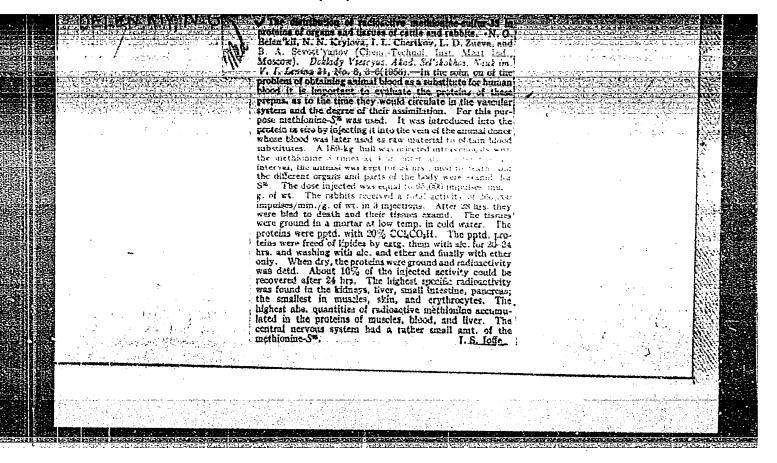
T-4

Abs Jour

: Ref Zhur - Biol., No 11, 1958, 50710

Described is also a protein hydrolysate, prepared from blood forming elements, and used for parenteral protein nutrition. -- M.B. Gol'dberg.

Card 2/2



BELEN'KIY, N.G., akademik; MESHCHERYAKOVA, N.F., kandidat biologicheskikh nauk.

Protein metabolism in animal organisms at different functional stages of the central nervous system. Dokl.Akad.sel'khoz.21 no.11: 22-28 56. (MIRA 9:12)

1. Moskovskiy khimiko-tekhnologicheskiy institut myasnoy promyshlennosti.

(Nervous system) (Metabolism)

ERIEN'KIY, N., akademik; KRYLOVA, N., kandidat biologicheskikh nauk; POZNARISKAYA, L., kandidat biologicheskikh nauk; CHERTKOV, I., kandidat meditsinskikh nauk.

A substitute for donor blood. Miss.ind.SSSR 27 no.2:8-10 '56.

(MLRA 9:8)

(BLOOD PLASMA SUBSTITUTES)

BRIEN'KIY N., akademik; KUZENKO, Ye.; POZHARSKAYA, L., kandidat biologicheskikh nauk; RYHDINA, V.

Separating blood plasma in medium and small meat combines. Mias. ind.SSSR. 27 no.2:10-11 '56. (MLRA 9:8) (BLOOD PIASMA) (SEPARATORS (MACHINERY))

USSR/Human and Animal Physiology. Metabolism. Nutrition.

T→®

Abs Jour: Ref Zhur-Biol., No 12, 1958, 55322.

Author : Belen'kiy, N.G., Krylova, N.N., Chertkov, I.L., Bazarova, K.I., Zuyeva, L.D., Sevost'yanov, B.A.,

Kel'man, L.F.

Inst

: All-Union Academy of Agricultural Sciences.

Title

: The Influence of Thermal Treatment on the Assimilation

of Meat Protein.

Orig Pub: Dokl. VASKhNIL, 1957, No 4, 23-29.

Abstract: During a period of 6 days, 26 rats of 180-200 gr body weight each, received daily 10 gr of beef

meat with methionine-S35 proteins. Seven control rats were given raw ground meat. Nine rats were fed ground neat which has been heated in an ultrathermostate at 80° / \overline{C} for one hour, and 10 rats

: 1/2 Card

21.

USSR/Human and Animal Physiology. Metabolism. Nutrition.

T-2

Abs Jour: Ref Zhur-Biol., No 12, 1958, 55322.

received ground neat heated in an autoclave at 120° [C]. Two days after the last (6th) feeding, all rats were killed. The proteins were extracted from their plasmas and livers, and their radioactivity was determined. The assimilation of proteins in their natural state as compared to those denaturized by heat did not show any differences. Thereafter, this investigation was continued on dogs (numbering 8), whereby the nitrogen balance was studied as well. Here, it was established that natural proteins are assimilated somewhat better than denaturized proteins. Also, it was established that the degree of denaturalization does not exert any specific influence upon protein assimilation.

Card : 2/2

: USSR Country : Farm Animals. Q Category General Problems. Abs. Jour : Ref Zhur-Biol., No 21, 1958, 96815 : Belen'kiy, N. G. Author Institut. : Using the Blood of Blaughtered Animals as Title Fodder. : Vestn. s.-kh. nauki, 1957, No 12, 112-116 Orig Pub. : The technique of preserving blood with quick-Abstract lime, formic acid, sulphuric acid, and common salt is described. The average daily weight gains are given of swine which received preserved blood during a 109 day period. The daily weight gain in swine which received blood preserved in quick-lime (150-250 g instead of the corresponding amount of vegetable protein) was 18 percent higher than in controls. Those animals which received blood preserved in formic acid, increased their gains by 13 percent, and 1/2 Card:

: USSR Country Q : Farm Animals. Category General Problems. Abs. Jour : Ref Zhur-Biol., No 21, 1958, 96815 Author Institut. Title Orig Pub. those which received blood preserved in sulphuric acid and salt, by 8 percent. Abstract 2/2 Card: 12

BELEN'KIY, M.G., akademik; KRYLOVA, N.N., kandidat biologicheskikh nauk;

CHERTKOV, I.L., kandidat meditainskikh nauk; BAZAROVA, K.I.; ZUTEVA,

L.D.; ENVOST YAROV, B.A.; KEL'MAN, L.F.

Influence of heat on the protein content of meat. Dokl. Akad. sel'khos.

22 ngx4:23-22'57. (NIRA 10:6)

1. Yeesoyusnyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti.

(Meat) (Proteins)

BELMN'KIY, N.G., akademik; PAYLOY, V.A., kandidat biologicheskikh nauk.

New method for controlling sterility in cows. Dokl.Akad.sel'khoz. (HIRA 10:9) 22 no.8:3 157.

1. Hoskovskiy tekhnologicheskiy institut myssnoy i molochnoy promyshlennosti.

(Sterility in animals) (Cows)