

NEUMAN, V.; KULHANEK, V.; MADEROVA, V.; SINDELAROVA, K.

Ornithine carbamyl transferase activity in blood serum and liver of guinea pigs after CCI_4 intoxication. Acta veter Hung 13 no.3: 239-244 '63.

1. Department of Medical Chemistry, Physics and Toxicology, Veterinary Faculty and Research Institute of Traumatology, Brno, Czechoslovakia.

MAJSKY, A.; KULHANEK, V.

A new modification of the trypsin test: a 2-phase serum-trypsin test. Cas. lek. Cesk. 104 no.39:1080-1081 1 0 '65.

1. Ustav hematologie a krevni transfuze v Praze (reditel prof. dr. J. Horejsi, DrSc.) a Vyzkumny ustav traumatologicky v Brne (reditel prof. dr. V. Novak, DrSc. [deceased]).

BARTA, Karel, inz.; KULHANEK, Vaclav; VYLETA, Miloslav, inz.

Methods of development and type tests of air-blast circuit breakers in V.I.Lenin works. El tech obzor 48 no.5:240-247
My '59.

1. Zavody V.I.Lenina Plzen, n.p., Elektrotechnicka tovarna
Doudlevice.

KULHANEK, Vaclav, MUDr.

Subcutaneous ruptures of liver treated with absorbable hemostatics.
Rozhl. chir. 35 no.4:230-234 Apr 56.

1. Chir. odd. KUNZ Usti nad Labem, prim. MUDr. Jiri Rodling.
(LIVER, rupt.
surg. with spongostan plug, indic. & technic (Cz))

HU... ..

JABUBICKOVAZ; SANTAVY, F.; MATUROVA, M.; KULHANEK, V.

Metabolism of glutathione and of related substances. II. Oxidation of cysteine in protein environment in vitro. Cesk. fysiол. 6 no.1: 67-73 '57.

1. Chemicky ustva lekarske fakulty Palackeho university a Krajska transfusni stanice Olomouc.

(CYSTEINE,

oxidation in vitro (Cz))

CZECHOSLOVAKIA/Human and Animal Physiology (Normal and
Pathological). Metabolism. Nitrogen Metabolism.

T-2

Abs Jour : Ref Zhur - Bioh., No 16, 1958, 74569

Author : Jakubickova, Z., Santavy, F., Maturova, M., Kulhanek, V.

Inst : -

Title : Metabolism of Glutathione and Natural Substance. II.
Acidity of Cysteine in Protein Mediums. in vitro.

Orig Pub : Physiol. bohemosl., 1957, 6, No 1, 93-101

Abstract : No abstract.

Card 1/1

EXCERPTA MEDICA Sec 2 Vol 12/11 Physiology Nov 59

5547. METABOLIC RESPONSE TO INJURY - Kulhánek V. and Kulendík V.
Res. Inst. of Traumatol., Brno - CLII CHIM. KCTA 1959, 4/4 (562-570)

An investigation of patients admitted to hospital for injuries showed that after injury the amount of pentabromoacetone-positive bodies in peripheral blood is increased. This increase was also found in experiments with animals. (II, 8*)

KROUPA, J.; SPONAR, J.; KULHANEK, V.

Changes in the internal environment in injured subjects after heparin administration. Rozhl. chir. 39 no.1:14-24 Ja '60

1. Vyzkumny ustav traumatologicky v Brne, reditel prof. MUDr. Vl. Novak.

(ENZYMES, blood)

(WOUNDS AND INJURIES, blood)

(HEPARIN, pharmacol.)

KULHANEK, V.; CHYTILOVA, M.; KRACMER, M.; KUSAK, I.

Immune responses of the organism to fresh, frozen and lyophilized homografts. Rozhl.chir. 39 no.6:388-392 Je '60.

1. Vyzkumny ustav traumatologicky v Brne, reditel prof. MUDr. Vladimir Novak.

(SKIN TRANSPLANTATION exper.)

DHYTILOVA, Marie; KULHANEK, Vaclav; HORN, Vitezslav

Keloids as a form of auto-aggression in the scar. Rozhl.chir. 39
no.6:393-399 Je '60.

1. Vyskumny ustav traumatologicky v Brne, reditel prof. MUDr.
Vladimir Novak Patologicko-anatomicky ustav lecarske fakulty
university v Brne, prednosta prof. MUDr. J.Svejda.

(FIBROMA etiol.)

(CICATRIX neopl)

KULHANEK, Vaclav; CHYTILOVA, Marie

A modified method for the demonstration of anti-tissue antigens
by antigenic consumption of human anti-globulin sera. Cesk.epidem.
mikrob.imun.10 no.1:57-59 Ja '61.

1. Vyzkumny ustav traumatologicky v Brne.
(IMMUNE SERUMS)
(ANTIGENS)
(SERUM GLOBULIN)

KULHANEK, Vaclav

Cerebrospinal fluid. I. A simple and rapid method for determination of cholesterol in the cerebrospinal fluid. *Cesk. neur.* 24 no.6:408-411 N 61.

1. Vyzkumny ustav traumatologicky, Brno, reditel prof. MUDr. Vladimir Novak, Dr. Sc.

(CHOLESTEROL cerebrospinal fluid)

CHYTILOVA, M.; PESA, K.; KULENDIK, V.; KULHANEK, V.; UHER, J.

Effect of different methods of preservation of homografts on healing of fractures. Comparison of immune indices with roentgenographic manifestations. Acta chir.orthop.traum.cech. 28 no.5:393-396 0 '61.

1. Vyzkumny ustav traumatologicky v Brne, reditel prof. MUDr. Vladimir Novak, Dr.Sc.

(FRACTURES exper) (BONE AND BONES transpl)

KULHÁNEK, Václav; DONATHOVÁ, Markéta X /

Czechoslovakia

Research Institute of Traumatology -- Brno (Výzkumný ústav traumatologický -- Brno); Director:
V. NOVÁK, MD - (for all)

Prague, Vnitřní lékařství, No IX-2, 1963, pp 186-188

"An Improved Method for Serial Staining of Blood Smears."

2

CZECHOSLOVAKIA

KULHAVSKA, V; BOHATKOVA, H.

Research Institute of Traumatology (Výzkumný ústav
traumatologický), Brno (for both)

Brno, Vnitřní lékařství, No 5, 1963, pp 500-502

"A New Method for Storage of Non-Journlated Blood for
Haematologic and Biochemical Investigations."

CHYTILOVA, M.; UHER, J.; KULHANEK, V.

The effect of experimental immunization with autologous callus on the healing of fractures. Rozhl. chir. 44 no.4:260-263 Ap'65.

1. Vyzkumny ustav tramatologicky v Brne (reditel: prof. dr. V. Novak, DrSc.).

KULHANEK, Vaclav; VOJTISKOVA, Vera

Extraordinarily sensitive and simple determination of urea in blood serum, in cerebrospinal fluid and in the urine. Vnitřní lek. 11 no.7:692-696 J1 '65.

1. Vyzkumny ustav traumatologicky v Brne (reditel prof. MUDr. Vladimír Novak, Dr.Sc.).

MAJSKY, Alexej; KULHANEK, Vaclav

A new method of serum bromelin test. Diphasic bromelin test.
Vnitřní lek. 11 no.8:776-782 Ag '65.

1. Ústav hematologie a krevní transfuze v Praze (ředitel prof.
Dr. J. Horejsi, Dr.Sc.) a Vědecký ústav traumatologický v
Brně (ředitel prof. Dr. V. Novak, Dr.Sc. [deceased]).

KULHANKOVA
2195

Neurolog. klin. Karlovy univ. v Praze Sclerosis tuberosa Tuberos sclerosis Neurol.
psychiat. c sl. 1950, 13/5 (284-288) Illus.

Three cases are described. Two of them are quite typical. One is of greater interest because of the unusual course. Besides the symptoms of sclerosis tuberosa there were signs of intracranial hypertension with papilloedema up to $\frac{1}{4}$ D. Ventriculography showed hydrocephalic dilatation of the lateral ventricles, very probably as the result of the obturation of the interventricular foramen. The patient refused surgery and the signs of cranial hypertension disappeared spontaneously. The patient is still alive and now only shows the symptoms of Bourneville's disease.

Print - Prague

So: EXCERPTA MEDICA, Section VIII, Vol.5, No. 6, June 1952

KULHANKOVA, J.

Rehabilitation of mental patients and their employment. Neur.
psychiat. cesk. 14 no. 5-6:237-242 Dec 1951. (GLML 22:3)

L 29477-66

ACC NR: AP6019955

SOURCE CODE: CZ/0079/65/007/003/0211/0212

AUTHOR: Vinar, O. (Prague); Kulhankova, O.; Jirackova, H.; Svestka, J.; Hubert, J.;Hlavackova, M.; Tomanova, M.; Rikovsky, S.; Strnad, M.; Kloubek, A.; Nahunek, K.;Bartova, D.; Svestkova, E.; Zachova, J.; Cerny, M.; Klik, J.; Ledererova, E.;Topiar, A.; Tesarova, O.; Molcan, J.; Horak, J.; Baudis, P.; Sobotkovicova, J.;Chloupkova, K.; Bojanovsky, J.; Kubicek, V.; Hankovasky, M.; Vinarova, M.; Bastecky,J.; Grof, P.; Dvorakova, M.ORG: Psychiatric Research Institute, PragueTITLE: Controlled clinical comparison of 6 neuroleptic drugs ²² This paper was presented
at the 7th Annual Psychopharmacological Meeting, Jesenik, 20-23 January 1965SOURCE: Activitas nervosa superior, v. 7, no. 3, 1965, 241-242TOPIC TAGS: chlorpromazine, pharmacology, psychoneurotic disorder, nervous system
drugABSTRACT: Chlorpromazine, prochlorperazine, perphenazine, thio-
ridazine, levomepromazine, and chlorprothixene were investigated.222 patients in groups of 35-39 were used. The effect of the
drug was classified according to disappearance, decrease orno change in the symptoms. No difference in the effect of the
drug upon schizophrenia symptoms was found. Orig. art. has: 1 figure. [JPRS]

SUB CODE: 06/ SUBM DATE: none ORIG REF: 002/ OTH REF: 003

Card 1/1 *fv*

KULHAVY, O.

Opportunities for handicapped employees to work. p. 73. (Zeleznice, Praha, Vol. 4, no. 3, Mar. 1954)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, No. 6, June 1955, Uncl

KULHAVY, V.

Copepoda-Harpacticoida of the mosses in Southern Bohemia. p. 35. (CASOPIS;
OEDIL PŘIRODOVĚDNÝ, Vol. 126, No. 1, 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec 1957. Uncl.

RINGELHANN, B.; KULHAY, A.

The effect of ACTH and tonogen on the peripheral blood picture. Orv.
hetil. 93 no. 41:1161-1165 12 Oct 1952. (CML 23:5)

1. Doctors. 2 Laboratory (Head Physician -- Dr. Bela Ringelhann),
Egri County Hospital (Director -- Dr. Janos Jaranyi).

ZVYAGINTSEVA, K.M.; ZENKOV, S.N.; KOZHEVIN, V.G.; POPOV, V.E.; SENDERZON, E.M..
Prinimali uchastiye: KOKORIN, P.I., prof.; KULIBABA, A.N., dotsent;
LINDENAU, H.I.; ZHURAVLEV, A.M.; STOLBOV, M.V.; CHETYRKIN, M.I.,
otv.red.; KOROVENKOVA, Z.A., tekhn.red.

[Kuznetsk Coal Basin; a statistical handbook] Kuznetskii ugol'nyi
bassein; statisticheskii spravochnik. Moskva, Ugletekhizdat, 1959.
390 p. (MIRA 12:8)

1. Kemerovo. Gornyy institut. 2. Sotrudniki kafedry ekonomiki
Kemerovskogo gornogo instituta (for Zvyagintseva, Popov, Kokorin,
Kulibaba). 3. Kombinat Kuzbassugol' (for Zenkov, Lindenau,
Zhuravlev, Stolbov). 4. Kemerovskiy sovnarkhoz (for Kozhevin).
5. Sibirskoye otdeleniye AN SSSR (for Senderzon).
(Kuznetsk Basin--Coal mines and mining--Statistics)

BEREZNYAK, M.M., dotsent; KULIBABA, A.N., dotsent.

Technology of and prospects for the expansion of open-pit mining in
the Kuznetsk Basin. Ugol' 35 no.9:27-29 S '60. (MIRA 13:10)

1. Kemerovskiy gornyy institut.
(Kuznetsk Basin--Strip mining)

К. В. М. 11.2
KULIBABA, F.V.

Use of exploratory wells for observation purposes during experimental pumping for determining water retention capacity of fields. Razved. i okh. nedr 23 no.6:38-42 Je '57. (MIRA 11:2)

1. L'govskaya zhelezorudnaya ekspeditsiya.
(Oil well brines)

KULIBABA, F.B.

Some data on the northern Kursk Magnetic Anomaly as revealed by hydrogeology and engineering geology. Mat. po geol. i pol. iskop. tsentr. raion. evrop. chasti SSSR no.2:161-167 '59. (MIRA 13:9)

1. L'govskaya zhelezorudnaya ekspeditsiya.
(Kursk Magnetic Anomaly—Iron ores) (Water, Underground)

PAVLOV, I.N. [deceased]; PROKHOROV, S.P.; SKVORTSOV, G.G.; LOSEV, P.I.;
Prinimali uchastiye: ROMANOVSKAYA, L.I.; KISSIN, I.G.; KULIBABA,
F.V., FILIPPOVA, B.S., red.; IVANOVA, A.G., tekhn.red.

[Iron ore deposits in the Kursk Magnetic Anomaly from the point
of view of hydrogeology and engineering geology] Gidrogeologi-
cheskie i inzhenerno-geologicheskie uslovia zhelezorudnykh
mestorozhdenii Kurskoi magnitnoi anomalii. Moskva, Gos.nauchno-
tekhn.izd-vo lit-ry po geol. i okhrane neдр, 1959. 271 p.

(MIRA 13:3)

(Kursk Magnetic Anomaly--Iron ores)

KISSIN, I.G.; KULIBABA, F.V.; PAFENGOL'TS, N.K.; POPOV, I.V., doktor geol.-
mineral.nauk; SLAVYANOV, V.N.; SOKOVICH, L.M.; FANDEYEVA, V.I.;
BOGOMOLOV, G.V., retsenzent; KOTLOV, F.V., retsenzent; PANYUKOV,
P.N., retsenzent; PRIKLONSKIY, V.A., retsenzent; SOKOLOV, N.I.,
retsenzent

[Conditions in the area of the Kursk Magnetic Anomaly from the
point of view of engineering geology and hydrogeology; data
on the development of deposits using the open-pit mining method]
Inzhenerno-geologicheskie i gidrogeologicheskiy usloviia raiona
kurskoi magnitnoi anomalii. Moskva, Izd-vo akad. nauk SSSR,
1960, 165 p. (Akademiia nauk SSSR. Laboratoriia gidrogeologicheskikh
problem. Trudy, no.28)
(Kursk Magnetic Anomaly--Mining geology)

KULIBABA, N.

New developments in galvanic production. Ochr. trade i ust. str. L.
5 no.8:37-38 Ag '62. (MIRA 19:7)

1. Tekhnicheskii inspektor Leningradskogo oblastnogo soveta
professional'nykh soyuzov.
(Galvanizing--Hygienic aspects)

KULIBABA, Yu.F.

A substitute for Bordeaux mixture. Zashch.rast.ot vred.i bol.
4 no.6:41-42 N-D '59. (MIRA 15:11)
(Apple scab) (Copper sulfate)

KULIBABA, Yu.F., aspirant

Shot-hole disease of plum. Zashch. rast. ot vred. i bol. 7
no.9:43-45 S '62. (MIRA 16:8)

1. Vsesoyuznyy institut zashchity rasteniy.
(Krasnodar Territory--Plum--Diseases and pests)
(Krasnodar Territory--Fungi, Phytopathogenic)

KOZITSKIY, Yu.N., mladshiy nauchnyy sotrudnik; KULIBABA, Yu.F., aspirant

Peach diseases. Zashch. rast. ot vred. i bol. 8 no.6:23-
25 Je '63. (MIRA 16:8)

1. Sochinskaya opytnaya stantsiya subtropicheskikh i yuzhnykh
plodovykh kul'tur.

(Black Sea region--Peach--Diseases and pests)

(Black Sea region--Fruit, Phytopathogenic)

KULIBABA, Yu.F.

Role of ecological factors in the development of *Clastero-
sporium carpophilum* infecting stone fruits. *Agrobiologia*
no.6:898-902 N-D '63. (MIRA 17:2)

1. Vsesoyuznyy institut zashchity rasteniy, Leningrad.

KULIBABII, A.G., inzh. (Odessa)

Use of type AP and APV submerged artesian electric pumps as pumps
with a class 2 lift. Vod. i san. tekhn. no.7:19-21 J1 '62.
(MIRA 15:9)

(Pumping machinery, Electric)

KULIBAKINA, I.B.; BODUNOV, Ye.I.; MAZUR, V.B.

Some characteristics of the composition of petroleum, gases,
and condensates in the Markovo field. Neftegaz. geol. i geof.
no.5:6-9 '65. (MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut prirodnogo
gaza i trest "Vostsibirftegeologiya".

ACC NR: AP7004241

SOURCE CODE: UR/0103/67/000/001/0034/0045

AUTHOR: Buyakas, V. I. (Moscow); Kulibanov, V. N. (Moscow)

ORG: none

TITLE: Problem of optimization of final state in controlled plants

SOURCE: Avtomatika i telemekhanika, no. 1, 1967, 34-45

TOPIC TAGS: automatic control system, automatic control R and D, automatic control theory

ABSTRACT: A plant describable by: $dx/dt = Ax + bu$ is considered; here x is the n -dimensional vector function of phase coordinates, u is the scalar control, A is a constant $n \times n_1$ matrix, and b is a constant n -dimensional vector. The following problem is solved: Among all permissible controls, find an optimal control (as a function of phase coordinates and time) which moves an arbitrary initial point $x(0)$, in a fixed time T , to a final state $x(T)$ such that the function $\varphi[x(T)]$ is minimized. Here, $\varphi(x)$ is a single-valued positive definite function satisfying these conditions: $\varphi(x) = 0$ only if $x = 0$; $\varphi(x) = c_1$ is a closed single surface located inside $\varphi(x) = c_2$ if $c_2 > c_1$. Even in simplest cases, the optimal control of the form $u(x)$ does not exist. The article shows how to find an optimal control of the form $u(x, t)$ for some cases, which permits synthesizing closed-loop control systems.

Card 1/2

UDC: 62 - 50

ACC NR: AP7004241

Connection of the above problem with the minimum-operating-time problem is explored.
Orig. art. has: 6 figures and 63 formulas.

SUB CODE: 09, 12 / SUBM DATE: 08Apr66 / ORIG REF: 005

Card 2/2

L 37927-56

ACC NR: AP6024906

SCURCE CODE: UR/0317/66/000/007/0082/0082

AUTHOR: Kulibanov, Yu. M.; Neuymin, Ya. G.; Petrov, Yu. P.; Popov, S. A.;
Ryabukhin, O. V. 28
B

ORG: none

TITLE: Speed regulator for marine diesel

SOURCE: Tekhnika i vooruzheniye, no. 7, 1966, 82

TOPIC TAGS: marine equipment, speed regulator

ABSTRACT: This Author Certificate introduces a speed regulator which uses a tachometer generator instead of a sounding device as a primary transducer, making the regulator

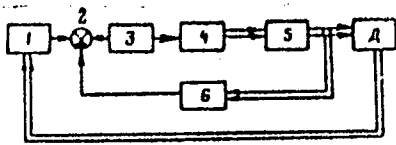


Fig. 1. Block diagram of speed regulator

1 - Tachometer generator; 2 - comparison unit;
3 - amplifier; 4 - electric motor; 5 - sliding
fuel-pump-rack support; 6 - feed-back selsyn.

Card 1/2

L 37927-66

ACC NR: AP6024906

more reliable and sensitive (see Fig. 1). In the regulator, increased propeller-shaft torque activates an electric motor which in turn moves the sliding support of the fuel-pump rack, in this way decreasing the diesel's rpm. The optimum rpm decrease is predetermined. Orig. art. has: 1 figure. [GE]

SUB CODE: 13/ SUBM DATE: none/ ATD PRESS: 5048

Card 212MLP

ACC NR: AP7003003

(N)

SOURCE CODE: UR/0413/66/000/024/0111/0111

INVENTORS: Kulibanov, Yu. M.; Popov, S. A.; Ryabukhin, O. V.; Sakharov, V. V.

ORG: none

TITLE: A device for regulating the working regime of a marine diesel. Class 60, No. 189689 [announced by Leningrad Institute of Waterway Transport (Leningradskiy institut vodnogo transporta)]

SOURCE: Izobroteniya, promyshlennyye obrazttsy, tovarnyye znaki, no. 24, 1966, 111.

TOPIC TAGS: diesel engine, marine engine

ABSTRACT: This Author Certificate presents a device for regulating the working regime of a marine diesel when the ship is traveling in narrow channels. The device contains a gauge for measuring the rpm in relation to the channel depth. This gauge acts on the directing mechanism of the movable support for the shaft of the fuel pump (see Fig. 1). To simplify the construction and to lower the operation cost, centrifugal weights serve as the rpm gauge. These weights operate on a movable spring-loaded clutch connected by a mechanical tie rod to the distributing valves which motivate the directing mechanism. The directing mechanism may constitute a hydraulic servometer.

Card 1/2

UDC: 621.436-545.74-552

ACC NR: AP7003003

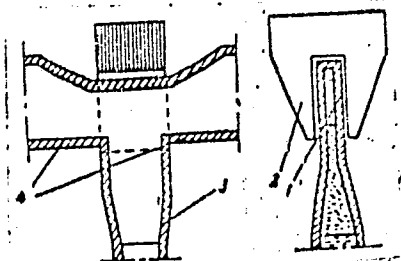


Fig. 1. 1 - duct;
2 - magnetic circuit;
3 - outflow nipple;
4 - outflow nipples

with a lever feedback to the valves. Orig. art. has: 1 figure.

SUB CODE: 21/

SUBM DATE: 21Oct65

Card 2/2

(N) L 8346-66

ACC NR: AP5025760

SOURCE CODE: U#0286/65/000/018/0126/0126

AUTHORS: Kulibanov, Yu. M.; Neuymin, Ya. G.; Petrov, Yu. P.; Popov, S. A.; Ryabukhin, O. V.

ORG: none

TITLE: Speed regulator for marine diesel engine. Class 60, No. 174949

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 18, 126

TOPIC TAGS: diesel engine, speed regulator, marine diesel engine, *MARINE ENGINEERING*

ABSTRACT: This Author Certificate presents a marine diesel engine speed regulator (for keeping optimum fuel flow during operation in shallow waters) containing a transducer which interacts with the actuating mechanism. To increase reliability and accuracy, the drive shaft tachometer-generator serves as the transducer. A second feature is provided by using an electric drive as the actuating mechanism. This drive is connected through an amplifier to the tachometer-generator and synchro circuit (see Fig. 1). The synchro provides feedback from the moving actuator rod.

Card 1/2

UDC: 621.436-545.74

L 8346-66

ACC NR: AP5025760

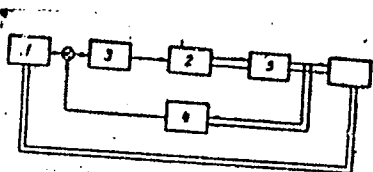


Fig. 1. 1 - Tachometer-generator;
2 - electric motor;
3 - amplifier;
4 - synchro;
5 - movable rod of the fuel pump.

Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 14Mar64

jw

Card 2/2

KULIYEV, S.M.; MDIVANI, A.G.; MAMEDOV, N.N.; KULIBEKOV, A.A.

Relative efficiency of drilling methods in Karadag. Izv. v/s.
ucheb. zav.; neft' i gaz 4 no.12:43-48 '61. (MIRA 16:12)

1. Azerbaydzhanskiy institut nefti i khimii imeni Azizbekova i
Institut razrabotki neftyanykh i gazovykh mestorozhdeniy AN
Azerbaydzhanskoy SSR.

KULIYEV, S.M.; MDIVANI, A.G.; MAMEDOV, N.N.; KULITEKOV, A.A.

Studying drilling efficiency when using crowned bits. Izv.
vys. ucheb. zav.; neft' i gaz 5 no.7:31-36 '62.

(MIRA 16:7)

1. Azerbaydzhanskiy institut nefti i khimii imeni Azizbekova
IRN i GM Akademii nauk Azerbaydzhanskey SSR.
(Oil well drilling)

KULIYEV, S.M.; MDIVANI, A.G.; KULIBEKOV, A.A.

Determination of the cost of a linear meter of well sinking at
different intervals of depths. Azerb.neft.khoz. 41 no.5:47-48
My '62. (MIRA 16:2)

(Oil well drilling)

GASAN BALA, M.; ISMAILOV, M.A.; GRIGORYAN, N.A.; KULIBEKOV, A.A.

Double-rimmed three roller bits. Mash. i neft. obor. no.5:
3-5 '64. (MIRA 17:6)

1. Zavod im. S.M. Kirova i Institut razrabotki nefnyanykh i
gazovykh mostorozhdeniy AN AzerSSR.

USSR/Cultivated Plants. Grains.

Abs Jour: Ref Zhur-Biol., No 5, 1958, 20276.

M

Author : M. Kulibekov

Inst : Not given.

Title : The Effect of Seed Selection from within the Cob on the
Corn Yield. (Bliyniye otborn semyan v pradelakh pochatka
na urozhay kukuruzy).

Orig Pub: Sots. s. kh. Azerbaydzhann, 1957, No 4, 21-23.

Abstract: Plants grown from seeds which were obtained from different portions of the cob varied in size and development, in their degree of proneness to fungus diseases, in productivity and grain quality. The best plants were those derived from seeds coming from the middle of the cobs.

Card : 1/1

- ростом. Шлакофоска исследована на прочность, несущую способность и условия эксплуатации. 1957. Заг. 1957, 206, 194, 195.
850. Берушва Сатенат Абрамович. Применение органических соединений для разложения сталей. 1940. 76 с., илл. Заг. 1940, 266.
851. Гамсахурдиа Клепа Александрович. Потенциометрическое определение цинка в литейном. 1944. 112 с. [4] Вл. А. Амирг. (Тр. ТГУ, т. 30, 1947)
852. Гогришвили Платон В. Исследования на области литейного. 1938, 64 с. (Инт. звание ГИАН СССР. Заг. 1938, 23, 9)
853. Головатый Р. Н. К вопросу о релятивной способности термического анализа и методах ее определения. 1938, 76 с., с илл. (Сталинский институт)
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858. Казанян А. А. Получение металлов вольфрамовых бронз в азотной среде. 1938, 51 с., илл. (Инт. звание ГИАН СССР. Заг. 1938, 104)
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860. Кулибедов Михаил Рагимович. Спектр и исследование. 1940, 113. Заг. 1940, 113.
861. Кулибедов Хасан Нарман Отам. Алгоритмические алгоритмы при помощи автоматизированного генератора логических функций. 1940, 113. Заг. 1940, 113.
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706
Dissertation for degree of
Candidate Chemical Sciences

Def. of
Tbilisi State U.

KULIBEKOV M. R.

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CIA-RDP86-00513R000927410017-0"

AUTHORS: Shostakovskiy, M. F., Kulibekov, K. R. 79-28 3-3/61

TITLE: Investigation of the Substitution Reaction of Oxyradicals by the Radicals of Organic Magnesium Compounds (Issledovaniye reaktsii obmena oksti-radikalov na radikaly magniyorganicheskikh soyedineniy). I. Investigation of the Reaction of Mixed Acetals (I. Issledovaniye reaktsionnosposobnosti smeshannykh atsetaley)

PERIODICAL: Zhurnal Obshchey Khimii. 1958, Vol. 28, Nr 3, pp. 578-584 (USSR)

ABSTRACT: In the present investigation Grignard's reagent is used in order to determine the mobility of oxyradicals in mixed acetals, which problem has not been investigated in publications until now. The characteristic feature of acetals is their high reactivity with simple vinyl ethers: (scheme 1). As regards the structure of the mixed acetals it was found by thermal decomposition (scheme 2) as well as by spectroscopic investigation according to the combination method of diffuse light that, e. g. mixed

Card 1/3

Investigation of the Substitution Reaction of
Oxyradicals by the Radicals of Organic Magnesium Compounds. 79-28-3-3/61

I. Investigation of the Reaction of Mixed Acetals

alkylarylacetals can be present in two forms (scheme 3). As mixed acetals are constantly demanding greater theoretical and practical interest the authors set to the task of exactly investigating the mobility of their oxygroups with the Grignard reagent. Three groups of mixed acetals were subjected to this investigation, that is to say: 1. dialkyl-, 2. alkylaryl-, and 3. alkylaromatic acetals. With the action of magnesium bromobutyl on the same acetal no substitution of the ethoxy- and butoxygroup takes place. In the reaction of magnesium bromobutyl with ethylbenzylacetal and ethylphenylacetal always only the ethylether of hexanol-2 (scheme 5) is formed. The action of magnesium bromophenyl on ethylbutyl-, ethylbenzyl-, and ethylphenylacetal in all cases leads to one and the same ether as main product (scheme 6). By their findings the authors come to the conclusion that the mobility or reactivity of oxyradicals of mixed acetals is dependent on their electron structure, which makes easier the splitting of the O Ar group as anion (ref. 5) under the formation of a carbonium ion. (Scheme 7).

There are 8 references, 6 of which are Soviet.

Card 2/3

Investigation of the Substitution Reaction of
Oxyradicals by the Radicals of Organic Magnesium Compounds

79-28 -3-3/61

ASSOCIATION: Institut organicheskoy khimii Akademii nauk SSSR i
Azerbaydzhanskiy sel'skokhozyaystvennyy institut
(Institute for Organic Chemistry AS USSR and Azerbaydzhan
Agricultural Institute)

SUBMITTED: February 10, 1957.

Card 3/3

79..28-4-23/60

AUTHORS: Shostakovskiy, M. F. , Kulibekov, M. R.

TITLE: Investigation of the Exchange Reaction of Oxide Radicals With Radicals of Organomagnesium Compounds (Issledovaniye re-aktsii obmena oksiradikalov na radikaly magniyorganicheskikh soyedineniy) II. Interaction of the Grignard Reagent With Symmetric Acetals (II Vzaimodeystviye reaktiva Grin'yara s simmetrichnymi atsetalyami)

PERIODICAL: Zhurnal Obshchey Khimii, 1958, Vol.28, Nr 4, pp.951-954 (USSR)

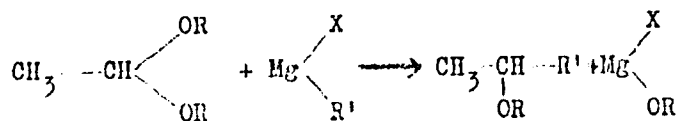
ABSTRACT: In the present paper the authors investigated the effect of the Grignard reagent on symmetric acetals of the aliphatic, aliphatic-aromatic and aromatic series. They worked out synthesis conditions for the respective monoethers, also comprising those difficultly accessible. Moreover, they established the specific effect of single radicals of the Grignard reagent, which take part in the exchange reaction with symmetric acetals. On the basis of experimental data it can be stated with respect to the reactivity of symmetric acetals that, contrary to mixed acetals, they show a number of peculiarities, which are connected with the presence of

Card 1/3

79-28-4-23/60

Investigation of the Exchange Reaction of Oxide Radicals With Radicals of Organomagnesium Compounds. II. Interaction of the Grignard Reagent With Symmetric Acetals

identical oxyradicals. This produces a certain equilibrium of their molecules, at a disturbance of which the exchange reaction proceeds entirely smoothly according to the scheme



R denoting alc, ar or an aliphatic-aromatic radical. Three groups of symmetric acetals were employed in the investigation: dialkyl-, diaryl-, and symmetric, aliphatic-aromatic acetals. It was found that the phenoxy group reacts most easily, whereas the aliphatic-aromatic oxyradicals react considerably more difficultly, the alkoxy groups taking an intermediate position. For the first time were synthesized: The butyl-ether of 2-methylhexanol-5, of the secondary phenylpropyl- and phenylethyl alcohols; the benzilether of the secondary phenylpropyl- and phenylethyl alcohols; the phenylether of the hexanol-2 and dibenzilacetal. There are 1 table and 3 references, 3 of which are Soviet.

Card 2/3

79-28-4-23/60

Investigation of the Exchange Reaction of Oxide Radicals With Radicals of Organomagnesium Compounds. II. Interaction of the Grignard Reagent With Symmetric Acetals

ASSOCIATION: Institut organicheskoy khimii Akademii nauk SSSR i Azerbaydzhanskiy sel'skokhozyaystvennyy institut)
(Institute for Organic Chemistry, AS USSR, and Azerbaydzhan Institute for Agriculture)

SUBMITTED: March 21, 1957

Card 3/3

AUTHORS: Shostakovskiy, M. F., Kulibekov, M. R., ^{SOV:79-28-6-22/63} Shikhiyev, I. A.

TITLE: Investigation of the Substitution Reaction of Oxy Radicals by Radicals of Organomagnesium Compounds (Issledovaniye re-aktsii obmena oksiradikalov na radikaly magniyorganicheskikh soyedineniy) III. Conversion of Organomagnesium Compounds With Mixed Organosilicon Acetals (III. Vzaimodeystviye magniyorganicheskikh soyedineniy so smeshannymi kremniyor-ganicheskim atsetalyami)

PERIODICAL: Zhurnal obshchey khimii, 1958, Vol. 28, Nr 6, pp. 1539-1542 (USSR)

ABSTRACT: In earlier papers (Ref 1) the authors investigated the effect of the Grignard reagents with respect to the mixed and asymmetric organic acetals, and they found that in the mixed acetals the oxy radicals are in the first place substituted by the Grignard radical under the formation of ethers. With respect to the substitution of the oxy radicals in the symmetric acetals the following sequence shows up: $OAr > OAlk > OCH_2C_6H_5$. This rule was explained by the presence of a

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SOV/ 79-28-6-22/63

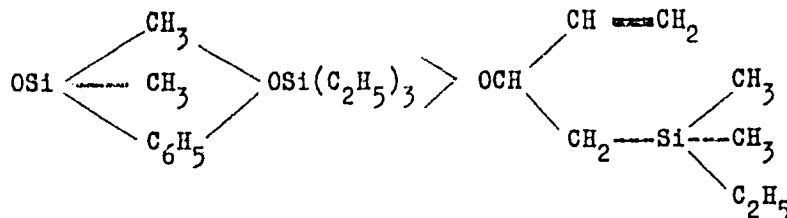
Investigation of the Substitution Reaction of Oxy Radicals by Radicals of Organomagnesium Compounds. III. Conversion of Organomagnesium Compounds With Mixed Organosilicon Acetals

certain bond position, by which one of the oxy radicals becomes more mobile. It was of interest to investigate an analogous reaction for mixed organosilicon acetals (Ref 2) and to explain the influence of silicon on the mobility of the oxy radical in the acetals. Different from the aliphatic-aromatic acetals the aliphatic ones easily are subjected to a symmetrization. The mixed organosilicon compounds are accompanied by a number of reactions in the symmetrization, decomposing on thermal treatment. On using the Grignard reagent with mixed organosilicon acetals the authors arrived at the conclusion that the oxy radical containing a silicon atom, is suited for substitution, independent of the fact whether it is directly connected with the oxygen or whether it is in a remote position. In either case the corresponding ethers are obtained (see scheme). Thus it was found that on the action of the Grignard reagent on the organosilicon acetals the following sequence of conversion is found:

Card 2/4

30479-28-6-22/63

Investigation of the Substitution Reaction of Oxy Radicals by Radicals of Organomagnesium Compounds. III. Conversion of Organomagnesium Compounds With Mixed Organosilicon Acetals



There are 11 references, 11 of which are Soviet.

ASSOCIATION: Institut organicheskoy khimii Akademii nauk SSSR i Azerbaydzhanskiy sel'skokhozyaystvennyy institut (Institute of Organic Chemistry, AS USSR and Azerbaydzhan Institute of Agriculture)

SUBMITTED: May 20, 1957

Card 3/4

Investigation of the Substitution Reaction of
Oxy Radicals by Radicals of Organomagnesium Compounds.
III. Conversion of Organomagnesium Compounds With
Mixed Organosilicon Acetals

307/79-28-e-22/63

1. Grignard reagents--Chemical reactions
2. Organic acids--Chemical reactions
3. Silicon compounds (organic)--Chemical reactions

Card 4/4

SHOSTAKOVSKIY, M.F.; KULIBEKOV, M.R.

Exchange reaction of oxy and hydrocarbon radicals in magnesium organic compounds. Part 4: Interactions of the Grignard reagent with organic acylals. Zhur.ob.khim. 28 no.9:2339-2341 S '58, (MIRA 11:11)

1. Institut organicheskoy khimii AN SSSR i Azerbaydzhanskiy sel'skokhozyaystvennyy institut. (Grignard reagents) (Acetic acid)

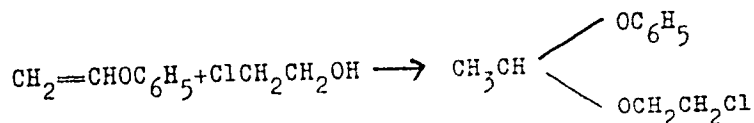
AUTHORS: Shostakovskiy, M. F., Kulibekov, M. R., SOV/79-28-16-43/60
Gorban', A. K.

TITLE: Synthesis of β -Chlorethyl-Phenyl Acetal (Sintez β -khlor-etilfenilatsetalya)

PERIODICAL: Zhurnal obshchey khimii, 1958, Vol 28, Nr 10,
pp 2838 - 2838 (USSR)

ABSTRACT: In previous papers (Ref 1), M.F.Shostakovskiy and his collaborators investigated the reaction of vinyl alkyl ether with ethylene chlorohydrin, as well as some chemical properties of the β -chloro-ethyl-alkyl acetals synthesized in this process. In the paper under discussion, the attachment reaction of ethylene chlorohydrin with vinylaryl ethers, starting with vinyl phenyl ether, is carried out:

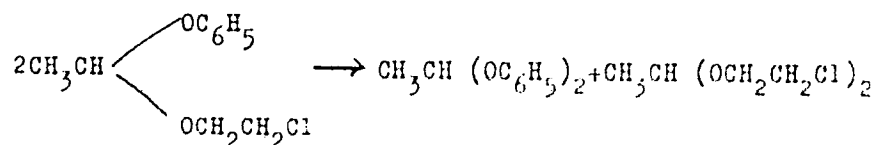
Card 1/2



Synthesis of β -Chlorethyl-Phenyl Acetal

SOV/79-28-10-43/60

On a closer study of this reaction it turned out that besides the formation of β -chloro-ethyl-phenyl acetal, its disproportionation into diphenyl acetal and β,β -dichloro-diethyl acetal occurs according to the pattern:



An analogous phenomenon could be observed on an earlier occasion in the investigation of the β -chloro-ethyl-alkyl acetals (Ref 1). This is the first time that a description of the β -chloro-ethyl-phenyl acetal is given. There are 2 references, 2 of which are Soviet.

ASSOCIATION: Institut organicheskoy khimii Akademii nauk SSSR (Institute of Organic Chemistry at the AS USSR)

SUBMITTED: July 29, 1957
Card 2/2

AUTHORS: Shostakovskiy, M. F., Kulibekov, M. R., SOV/79-28-10-44/60
Gorban', A. K.

TITLE: Synthesis of γ,γ' -Diphenyl-Dipropyl Acetal (Sintez γ,γ' -
~~difenildipropilatsstalya~~)

PERIODICAL: Zhurnal obshchey khimii, 1958, Vol 28, Nr 10,
pp 2839 - 2839 (USSR)

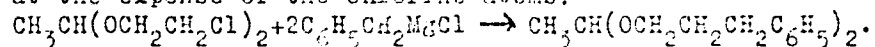
ABSTRACT: In previous papers, Shostakovskiy (Ref 1) suggested
a method for the synthesis of acetals of a great
variety of structures, and investigated some chemical
properties of these compounds. The paper under
discussion served the purpose of a closer investigation
of the reactions of β,β' -dichloro-diethyl acetal with
Grignard's reagent. Starting from the fact that this
acetal constitutes at the same time an acetal and a
halogen derivative, the authors could expect that it
would react either as a halogen alkyl, or, according to the
Chichibabin-Yelgazin reaction pattern, at the C-O bond
(Ref 2). As a result of the investigation of this reaction,

Card 1/2

Synthesis of γ,γ' -Diphenyl-Dipropyl Acetal

SOV/79-23-10-44/60

starting with the reaction of magnesium chlorobenzyl with β,β' -dichloro diethyl acetal, it was shown that the reaction occurs, according to the following pattern, at the expense of the chlorine atoms:



This experience runs counter to the previous investigations by the same authors (Ref 3), according to which the reaction of Grignard's reagent with symmetric and mixed acetals not containing a halogen in the alcohol radicals occurs at the C-O bond. There are 4 references, 4 of which are Soviet.

ASSOCIATION: Institut organicheskoy khimii Akademii nauk SSSR (Institute of Organic Chemistry at the AS USSR)

SUBMITTED: July 29, 1957
Card 2/2

KULIBEKOV, M.R.

Exchange reaction between alkoxy groups and the hydrocarbon radicals
of organomagnesium compounds substituting for the former. Azerb.-
khim.zhur. no.5:91-97 '62. (MIRA 16:5)
(Alkoxy groups) (Grignard reagents)

GORBAN', A.K.; KULIBEKOV, M.R.; SHOSTAKOVSKIY, S.M.

Method of synthesizing vinyl alkyl acetals by dehydrochlorination
of α -chloroethyl alkyl acetals. Izv. AN SSSR. Otd.khim. nauk no.4:754-755
Ap 63. (MIRA 16:3)

1. Irkutskiy institut organicheskoy khimii Sibirskogo otdeleniya
AN SSSR.

(Acetals)

KULIBEKOV, M.R.

Interaction of phenyl magnesium bromide with vinylalkyl and divinyl-
alkyl and divinyl acetals. Azerb.khim zhar. no.4:91-94 '63.
(MIRA 17:2)

KULIBEKOV, M.R.; GORBAN, A.K.

Synthesis of β , β' -diphenylacetal. Izv. AN SSSR. Otd.khim. nauk
no.4:763-764 sp 63. (MIRA 16:3)

1. Irkutskiy institut organicheskoy khimii Sibirskogo otdeleniya AN
SSSR.

(Acetals)

1968, U.S.

Exchange reaction of β -chloroethylalkyl acetate with
organomagnesium compounds. (Zerh. Chem. Natur. 1968)
63-68 '64. (MIR, 17:5)

KULIBEKOV, M.R.

Exchange reaction of acetals and their halo derivatives with
Iotsich complex. Dokl. AN Azerb. SSR 20 no.5:15-21 '64.

(MIRA 17:8)

1. Azerbaydzhanskiy sel'skokhozyaystvennyy institut. Predstavleno
akademikom AN AzSSR A.M.Kuliyevym.

SHOSTAKOVSKIY, M.F.; KULIBEKOV, M.R.; GORBAN', A.K.; SHOSTAKOVSKIY,
S.M.

Synthesis of organomagnesium compounds in a medium of formals.
Zhur. ob. khim. 34 no. 3:760-762 Mr '64. (MIRA 17:6)

1. Irkutskiy institut organicheskoy khimii Sibirskogo otdeleniya
AN SSSR i Azerbaydzhanskiy sel'skokhozyaystvennyy institut.

KULIBEKOV, M.R.

Reaction of metallic magnesium with β -chloroethylbutyl acetal.
Uch. zap. AGU. Ser. khim. nauk no.4:41-44 '63.

(MIRA 17:11)

SHOSTAKOVSKIY, M.F.; KULIBEKOV, M.R.; GORBAN', A.K.

New method of synthesizing sulfides based on exchange reactions
between mercaptals and organomagnesium compounds. Zhur. ob. khim.
34 no.9:2837-2839 S '64. (MIRA 17:11)

1. Institut organicheskoy khimii AN SSSR i Irkutskiy institut
organicheskoy khimii Sibirskogo otdeleniya AN SSSR.

W.H. Hensley, A. T.

"Data on the Tolerability of Vitamin C in Typhus and Dysentery." J. Ind
Med Sci, American State Medical Inst, 4, 1, 2, 3. Diss. Station (Philadelphia
University, Pa., 24 Feb 54)

30: OMI 186, 15 Aug 1954

Кулибин, И. П.

USSR/Engineering - Bibliography

FD-503

Card 1/1 : Pub. 41 - 15/17

Author : Radovskiy, M. I.

Title : Review of Transactions of the Archives of the Academy of Sciences of the USSR, Issue 11, "Manuscripts of I. P. Kulibin"

Periodical : Izv. AN SSSR, Otd. tekhn. nauk, 2, 104-105, Feb 1954

Abstract : Reviews "Manuscripts of I. P. Kulibin" (1953. 734 pp, 187 illustrations) compiled by N. M. Raskin and B. A. Mal'kevich. Editorial staff: I. I. Artobolevskiy, N. K. Dormidontov, G. A. Knyazev, P. N. Koryavov, and N. M. Raskin.

Institution : --

Submitted : --

PROCESSES AND PROPERTIES

Kusin titano-magnetites from the viewpoint of concentration. V. A. Kuzin. *Soviet Metal.* 6, 121-32 (1944). These are deposits in the south Urals contain approx. Fe 44, TiO₂ 14, and V₂O₅ 0.6%. The high TiO₂ content makes treatment in a blast furnace extremely difficult. At present they are being magnetically concd., with recovery of 87% of the Fe in a magnetic concentrate contg. 64% Fe and 7% TiO₂, which can be easily treated in a blast furnace. The TiO₂ concentrate contains 42% TiO₂ and 37% Fe. H. W. Rathmann

ASB-55A 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
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PROCEDURES AND PROPERTIES OF

Treatment of Pervouralsk titanomagnetite ores as a base for the ferro-vanadium industry. V. A. Kulikov. *Gorn. Obogatitel. Zhur.* No. 1, 41 (1960). The ore is divided into 3 main types: rock inclusions 10% (I), poor inclusions 55% (II) and hornblende 35% (III). The comp. is: I Fe 33.2, V₂O₅ 0.40, TiO₂ 2.95%; II Fe 17.0, V₂O₅ 0.18, TiO₂ 0.14%; III Fe 14.1, V₂O₅ 0.14, TiO₂ 1.8%. The chief minerals are FeO, FeTi₂O₇ and smaller amts. of FeTiO₃, Fe₂O₃ and pyrite. Microscopic exam. revealed no special mineral. The ore is mostly hornblende. The ore was treated by 4 different methods. The flow sheets are given. Total extn. for each method were: (1) Fe 41.0, V₂O₅ 45.2, TiO₂ 31.0%; (2) Fe 48.0, V₂O₅ 50.0, TiO₂ 29.0%; (3) Fe 38.0, V₂O₅ 61.0, TiO₂ 35.0%; (4) Fe 34.2, V₂O₅ 38.1, TiO₂ 14.0%. Economic and technological aspects are discussed. H. Z. K.

ASSOCIATED METALLURGICAL LITERATURE CLASSIFICATION

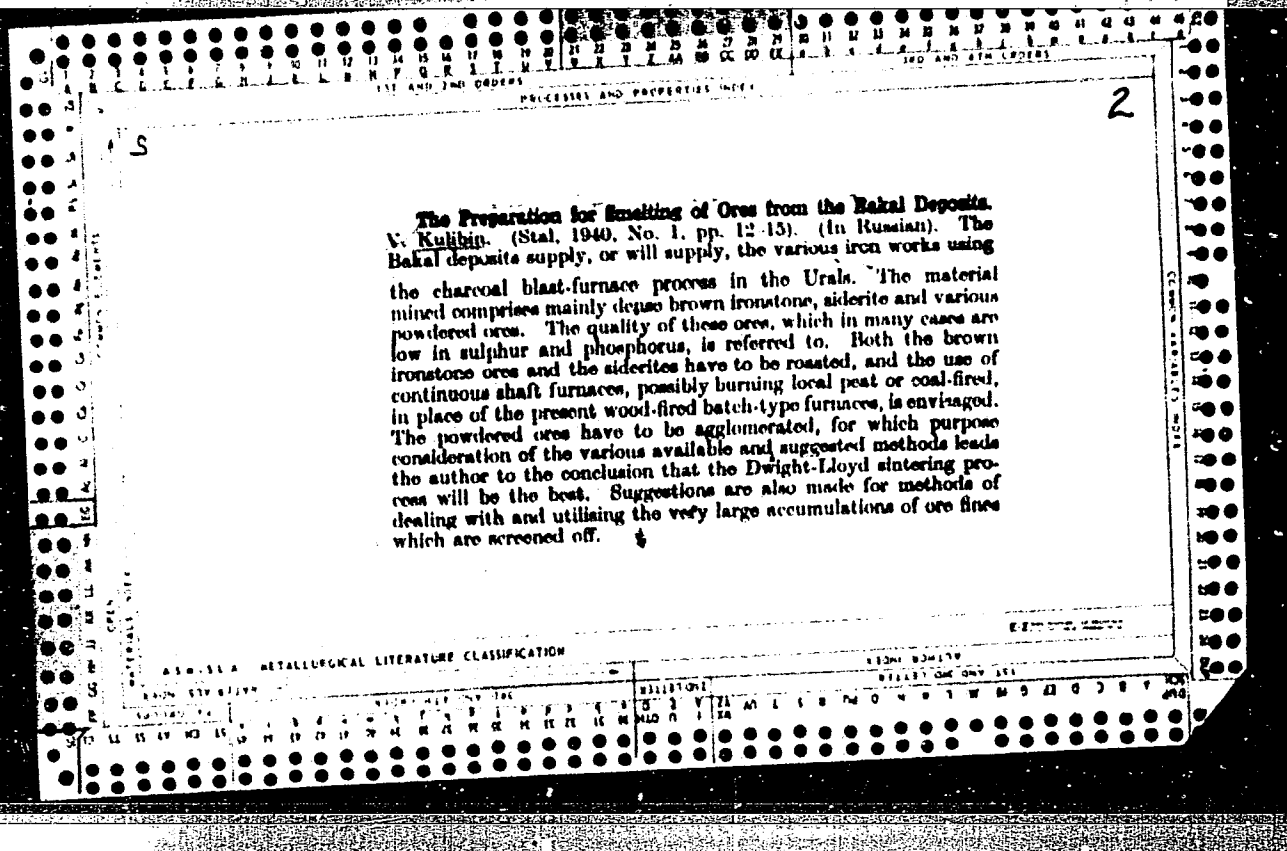
PROCESSES AND PROPERTIES INDEX

13

Asbestos preparation plant No. 3. V. M. Kulbin and V. A. Kulbin. *Gorno-Obolegitel. Zhur.* No. 3, 19(1947).
 The Bazhenovo asbestos deposits in the Urals are among the largest in the world. The plant concentrates small fibers by the Canadian method of inclined planes. The plant started operations in 1935 with a capacity of 200 and 150 tons of raw ore per hr. by the coarse and fine grinding sections resp. Estn. of asbestos was about 70%. Total amt. of asbestos lost in tailings was 1.07% against a planned loss of 1%; free asbestos in tailings was 0.08% against 0.4-0.5% as planned. It is expected to reduce this loss by improving the suction. B. Z. Kamich

METALLURGICAL LITERATURE CLASSIFICATION

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z



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

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DD DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GG GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JV JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LL LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OO OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UQ UR US UT UU UV UW UX UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VU VV VW VX VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT WU WV WW WX WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV YW YX YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ

LIST AND INDEX

PROCESSES AND PROPERTIES INDEX

Ca 9

Ore base of ferrous metallurgy for thirty years of Soviet regime. N. A. Yartsev and V. A. Kulbin. *Stal* 7, 973-7 (1947).—Survey of iron-ore utilization 1917-1947. M. Hosh

ASB-31 A METALLURGICAL LITERATURE CLASSIFICATION

Oct 1947

USSR/Metals
Mines and Mining
Iron Ores

"Projects in the Field of Mining Ferrous Metal
Ores," V. A. Kullibin, 4 pp

"Gornyy Zhurnal" No 10

Discusses briefly the plans which have been made
for the present Five-Year Plan, from 1946 to 1950.
Describes very generally the operations of some
plants, like the experimental work of the Moscow
Mining Institute, but emphasizes the mining
operations in the Kazakh SSR. The author states
13 points for the improvement of operations as
IC 26T43

Oct 1947

USSR/Metals (Contd)

a means of meeting and surpassing the norms
established for this new Five-Year Plan.

IC

26T43

26T43

KULLIBIN, V. A.

KULIBIN, V. A.

PA-24T68

USSR/Metals

Ore Dressing
Metallurgical Plants

Nov 1947

"Thirty Years of Dressing Ferrous Metals," V. A. Kulibin, Candidate in Technical Sciences, 4 pp

"Gornyy Zhurnal" No 11

Before the revolution the two large dressing plants in Russia were located at Krivorozh (72.5%) and Ural (about 19%). In 1913 there were six dressing plants, but by 1947 this number was increased to 44. General historical development; no technical data.

24T68

1ST AND 2ND COLUMNS PROCESSES AND PROPERTIES INDEX 1ST AND 2ND COLUMNS

ca 9

Concentration characteristics of Manchurian and Korean iron ores. V. A. Kulibin... *Gornyi Zhur.* 121, No. 3, 30-7 (1947).—Most of the Manchurian and Korean deposits are of the magnetite-hematite type. The main feature of concg. the ores is the fine grinding which they require because of the finely dispersed Fe. After grinding, the ore is concd. by magnetic sepn. The cost of grinding the ore is not excessive, no large losses are entailed by the process, and the sintering of the fine concentrate presents no great difficulties. The extn. of metal in one of the plants is 70-80% and in another 78-84%. M. Hosh

COMMON ELEMENTS
COMMON PARAMETERS INDEX

ASB-11A METALLURGICAL LITERATURE CLASSIFICATION

COMMON ELEMENTS
COMMON PARAMETERS INDEX

1ST AND 2ND COLUMNS PROCESSES AND PROPERTIES INDEX 1ST AND 2ND COLUMNS

KULIBIN, V. A.

Preparation for smelting ores and fluxes Sverdlovsk, Gos. nauch.-tekhn. izd-vo
lit-ry po chernoj i tsvetnoj metallurgii, 1948. 192 p. (49-51244).

TN500.K94

1. Ore-dressing.

PHASE I

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 520 - I

BOOK

Call No.: TN500.K95

Author: KULIBIN, V. A., Kand. of Tech. Sci.

Full Title: ORE DRESSING FOR SMELTING

Transliterated Title: Podgotovka rad k plavke

PUBLISHING DATA

Originating Agency: None

Publishing House: State Scientific and Technical Publishing House of Literature on Ferrous and Nonferrous Metallurgy (Metallurgizdat)

Date: 1952

No. pp.: 543

No. of copies: 4,500

Editorial Staff

Editor: Kulagina, Z. A., Eng.

The author expresses thanks to Batanov, A. I., Belyatskiy, I. A., Zhukovskiy, G. V., Zhukovskiy, N. P., Zubarev, S. N., Ivanov, A. P., Karmazin, V. I., Patkovskiy, A. B., Pisarev, V. S., Sysolyatin, S. A. and Eliasberg, S. I.

PURPOSE: The book is intended for engineers and technicians specialized in ore dressing, as well as for geologists, mining engineers, metallurgists, and economists working in ferrous metallurgy. The book can be used by students studying the ore dressing of ferrous metals.

TEXT DATA

Coverage: This book deals with the basic methods of dressing the ferrous manganese and chrome ores and fluxes. Raw materials and their proper-

1/2

Podgotovka rud k plavke

AID 520 - I

ties are examined. Various types of concentration mills, equipment and processing of ores (crushing, screening, grinding, filtration, sorting, washing, jigging, gravity concentration, magnetic separation, roasting, flotation, sintering and briquetting) are described in detail. The book deals also with auxiliary operations of ore dressing. It discusses conveying, feeding, dehydration, removal of tailings, storage, as well as control operations. The book is provided with illustrations, tables, charts and diagrams.

No. of References: 83 Russian, 1908-1952.

Facilities: Names of places of ore deposits in the USSR, of Soviet concentration mills and machine-building plants are scattered through the book.

2/2

YELIKIN, Y. A.

Greater Attention Paid to the Study of the Technological Properties
of Minerals During Prospecting," *Vzvod' i Otkrytiya Nedr, No. 1*, pp 20-22,
1958

SO: W-31477, 1 Sep 55

18(5)

PHASE I BOOK EXPLOITATION

SOV/2198

Kulibin, Vladimir Aleksandrovich, Candidate of Technical Sciences

Podgotovka rud k plavke (Ore Dressing) 2d ed., rev. and enl.
Moscow, Metallugrizdat, 1959. 518 p. Errata slip inserted.
3,300 copies printed.

Ed.: A. P. Yakobson; Ed. of Publishing House: D. L. Mayzel's;
Tech. Ed.: P. G. Islent'yeva.

PURPOSE: The book is intended for engineers and technicians working in ore beneficiation, geologists, mining engineers, metallurgists, and economists in the field of nonferrous metallurgy. The book may also be useful to students of courses in nonferrous metallurgy.

COVERAGE: The author describes the basic methods and requirements for dressing iron ores and fluxes for smelting. He discusses processing methods used in ore concentration plants and gives special emphasis to the concentration of low-grade ores, in view of the steadily increasing demand for iron ores. The author also presents methods for calculating dressing processes and methods of

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Ore Dressing

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preparing operational flowsheets which present different illustrations, schemes and technical and economic data. No personalities are mentioned. There are 93 references, all Soviet.

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~~Card 2/12~~

NESKOVIC, Milutin V.; BOJANOVIC, Jelena J.; MLADENOVIC-STOIMIROVIC,
Zagorka T.; STEFANOVIC, Ljubica S.; KULIC-JAPUHDZIC, Ivanka M.;
CORBIC, Milanka O.; KOSTIC, Dusan M.

Metabolic relation of lipides, glycidos and proteins. I.
Changes of glycemia, nonesterified fatty acids and total
proteins of blood plasma in the alimentary hyperlipemia of
dogs, provoked after fasting. Glas Hem dr 25/26 no.5/7:345-352
'60/'61.

1. Medicinski fakultet, Biohemijski institut, Hemijski
institut, Beograd.

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