

Калиушны, Д.Н.

STRASHUN, I.D., prof. (Moskva)

"Materials on the history of hygiene and sanitary affairs in the Ukrainian S.S.R." by P.D.Leshchenko, D.N.Kaliuzhnogo, A.A.Grando. Reviewed by I.D.Strashun. Vrach.delo no.10:138-140 0 '60.

(MIRA 13:11)

1. Deystvitel'nyy chlen AMN SSSR.
(UKRAINE--PUBLIC HEALTH)

KALYUZHNYI, D.N., prof. (Kiyev)

Problems of hygiene at the All-Union Congress on City Building.
Vrach. delo no. 12:117-121 D '60. (MIRA 14:1)
(CITY PLANNING—CONGRESSES) (PUBLIC HEALTH)

KALYUZHENYY, Denis Nikolayevich, prof.; Priminal uchastiye FRIDMAN,
Ye.L., inzh.; SUPONITSKIY, M.Ya., red.; GITSHTEYN, A.D.,
tekh. red.

[Protection of the air from contamination by discharges from
ferrous metallurgical plants] Sanitarnaia okhrana atmosfernogo
vozdukhа ot vybrosov predpriyatii chernoі metallurgii. Pri
uchastii E.L.Fridmana. Kiev, Gosmedizdat USSR, 1961. 180 p.
(MIRA 15:7)

(Air—Pollution) (Iron and steel plants)

KALIYUZHNYI, D.M. [Kaliuzhnyi, D.M.], doktor med.nauk, prof.

Pure air is the guarantee of health. Nauka i zhyttia 10
no.3:39-42 Mr '60. (MIRA 14:8)

1. Direktor Ukrainського nauchno-issledovatel'skogo instituta
kommunal'noy gigiyeny.
(Air--Pollution)

BRATUS', V.D., dots., red.; BARCHENKO, I.P., prof., zam. red.;
VERZHIKOVSKAYA, N.V., dots., red.; GROMASHEVSKIY, L.V.,
prof., red.; SHAKHBAZYAN, G.Kh., prof., red.; BARANNIK,
P.I., prof., red.; SHMAL', D.D., dots., red.; POZNAISKIY,
S.S., dots., red.; KALMUZHRYIY, D.N., red.; CHUCHUPAK, V.D.,
tekh. red.

[Hygienic norms and the sanitation of the external environ-
ment]Gigienicheskie normativy i ozdorovlenie vneshnei sredy;
sbornik nauchnykh rabot. Kiev, Gosmedizdat USSR, 1961. 268 p.
(MIRA 15:11)

1. Kiev, Medychnyi instytut. 2. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Gromshevskiy). 3. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Shakhbazyan).
 4. Direktor Kiyevskogo meditsinskogo instituta (for Bratus').
 5. Kafedra gigiyeny pitaniya Kiyevskogo meditsinskogo instituta im. A.A.Bogomol'tsa (for Barchenko). 6. Kafedra obshchey gigiyeny Kiyevskogo meditsinskogo instituta Kiyevskogo meditsinskogo instituta im. A.A.Bogomol'tsa (for Verzhikovskaya, Shmal').
- (PUBLIC HEALTH)

KALYUZHENYY, D., prof. (Kiyev)

Let's improve the hygienic conditions of dwellings. Zhil.
stroit. no.10:20 0 '61. (MIRA 14:10)
(Hygiene)
(Apartment houses)

KALYUZHNYI, D.N., prof.; KAGAN, S.S., prof.

"Criticism of contemporary bourgeois social hygiene and medical sociology" by B.IA. Smulevich. Reviewed by D.N. Kaliuzhnyi, S.S. Kagan. Sov. zdrav. 20 no.12:82-83 '61. (MIRA 15:6)
(PUBLIC HEALTH)
(SMULEVICH, B.IA.)

KALYUZHNYI, D.N., prof.

Present-day tasks of communal hygiene in the light of the
resolutions passed by the 22d Congress of the CPSU. Vrach.
delo no.2:5-8 F '62. (MIRA 15:3)

1. Chlen-korrespondent AMN SSSR.
(PUBLIC HEALTH)

KALYUZHNYI, D.N., prof.; KAGAN, S.S., prof.

Exhibition which has gone down in the history of hygiene and public health; on the 50th anniversary of the Dresden International Hygiene Exhibition. Vrach. delo no.5:125-128
My '62. (MIRA 15:6)

1. Chlen-korrespondent AMN SSSR (for Kalyuzhnyy).
(PUBLIC HEALTH--EXHIBITIONS)

KALYUZHNYI, D. N., prof.; KRYZHANOVSKAYA, M. V., kand. med. nauk (Kiyev)

Fourteenth All-Union Congress of Hygienists and Sanitary
Physicians. Vrach. delo no.7:138-141 J1 '62. (MIRA 15:7)

1. Chlen-korrespondent AMN SSSR (for Kalyushnyy).

(PUBLIC HEALTH--CONGRESSES)

KALYUZHNYI, D.N., prof.; IZDEBSKIY, A.M., kand.med.nauk; YANYSHEVA, N.Ya.,
kand.med.nauk; PAL'GOV, V.I., kand.med.nauk; LAKHOV, Ye.S., kand.
med.nauk

"Handbook on municipal hygiene, Vol.1." Reviewed by D.N.Kaliuzhnyi
and others. Gig. i san. 27 no.3:102-104 Mr '62. (MIRA 15:4)

1. Chlen-korrespondent AMN SSSR (for Kalyuzhnyi).
(PUBLIC HEALTH)

KALYUZHNYI, D. N.

"Environmental improvements as prophylaxis of various diseases"

report to be submitted for the United Nations Conference on the
Application of Science and Technology for the Benefit of the Less
Developed Areas - Geneva, Switzerland, 4-20 Feb 63.

KALYUZHNYI, D.N., prof., red.; POZNANSKIY, S.S., dots., red.;
PETROV, Yu.L., red.; ZAPOL'SKAYA, L.A., tekhn. red.

[Problems in protecting the health of children and adolescents] Voprosy okhrany zdorov'ia detei i podrostkov; materialy. Pod red. D.N.Kalyuzhnogo i S.S. Poznanskogo. Kiev, Gosmedizdat USSR, 1963. 219 p.
(MIRA 16:11)

1. Nauchnaya konferentsiya po respublikanskoy probleme "Okhrana zdorov'ya detey i podrostkov". 2. Chlen-korrespondent AMN SSSR (for Kalyuzhnyy).
(PUBLIC HEALTH)

BARANNIK, P.I., red.; BARCHENKO, I.P., red.; GABOVICH, R.D., red.;
KAGAN, S.S., red.; KALYUZHNYI, D.N., red.; KRIVOGLAZ, B.A.,
red.; POZNANSKIY, S.S., red.; SUPONITSKIY, M.Ya., red.;
TRAKHTENBERG, I.M., red.; SHAKHBAZIAN, G.Kh., red.; SHMAL',
D.D., red.; OSETROV, V.I., red.; CHUCHUPAK, V.D., tekhn.red.

[Problems of general and specialized hygiene] Voprosy obshchei
i chastnoi gigieny. Kiev, Gosmedizdat USSR, 1963. 308 p.

(MIRA 16:10)

1. Ukraine. Ministerstvo zdravookhraneniia.
(PUBLIC HEALTH)

KALYUZHNYI, D.N., prof., otv. red.; ALEKSEYENKO, I.P., red.;
LAKHNO, Ye.S., red.; MEDVED', L.I., red.; STOVBUN, A.T.,
red.; SUPONITSKIY, M.Ya., red.; NARINSKAYA, A.L., tekhn.
red.

[Problems of rural hygiene] Voprosy gigeny sela; sbornik
dokladov. Pod red. D.N.Kaliuzhnogo. Kiev, Gosmedizdat
USSR, 1962. 241 p. (MIRA 16:12)

1. Vsesoyuznaya konferentsiya po probleme "Gigiyena sela."
lst. 2. Chlen-korrespondent AMN SSSR i Ukrainskiy nauchno-
issledovatel'skiy institut kommunal'noy gigeny (for
Kalyuzhnyy). 3. 3. Ukrainskiy nauchno-issledovatel'skiy in-
stitut ortopedii i travmatologii (for Alekseyenko).
(PUBLIC HEALTH, RURAL)

KALYUZHNYI, Denis Nikolayevich; LAGUTINA, Ye.V., red.

[Hygiene and public services in rural settlements] Gi-
giena i blagoustroistvo sel'skikh naselennykh mest.
Moskva, Znanie, 1964. 31 p. (Narodnyi universitet: Fa-
kul'tet zdorov'ia, no.18) (MIRA 17:9)

1. Chlen-korrespondent AMN SSSR (for Kalyuzhnyy).

KALYUZHNYI, D.Ye., prof. (Kiyev)

Problems in hygiene in the light of the resolutions of the 22d
Congress of the CPSU. Sov. zdrav. 21 no.3:21-27 '62. (MIRA 15:3)

1. Chlen-korrespondent AMN SSSR.
(COMMUNISM)
(HYGIENE)

~~КАЛУЖСКИЙ, Р.~~

New features in management planning. Muk.-elev.prom. 23 no.1:6-7
Ja '57. (MLRA 10:5)

1. Plannovyy otdel Ministerstva khleboproduktov SSSR.
(Grain-Trade)

SARAYEV, S.V., inzh.; KALYUZHNYI, G. A., inzh.; VTORUSHIN, F.S., tekhnik

Manufacture of mesh-reinforced concrete arches (shells) with a
two-way curvature in Novosibirsk. Bet. i zhel. bet. no. 10:465-
467 O '61. (MIRA 14:12)

(Novosibirsk--Roofs, Shell)

KALIUZHNYI, G. D., BILEV, B. I.

KALIUZHNYI, G. D., BILEV, B. I.,

Tractors,

Hanging attachments for tractor KhT3-7. Part 2: Plow PN-30 and beet harvester SNK-2.
Sel'khoz mashina No. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, April 1952. UNCLASSIFIED.

KALYUZHNYI, G. D.; GIL'SHTEYN, P. M.

KALYUZHNYI, G. D.; GIL'SHTEYN, P. M.

Plows

New plows PKB-56P and PKB-2-54 for brush and swamp ground. Sel'khoz mashina No. 9, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. UNCLASSIFIED.

KALUZHNYY, G. D.; DUMAY, L. B.

KALYUZHNYI, G. D.; DUMAY, L. B.

Plows

Deep plow PP-40. Sel'khoz mashina No. 9, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. UNCLASSIFIED.

KALYUZHNYI, G.D., GIL'SHTYN, P.M.

POB-3-45 plow for reclaimed swamps. Sel'khozmaschina no.11:12-13
N 155. (Plows) (MLRA 9:1)

KALYUZHNYI, G. D.

GOGUNSKIY, Georgiy Grigor'yevich; KALYUZHNYI, Grigoriy Davidovich; PESTRYAKOV,
A.I., red.; SOKOLOVA, N.N., tekhn.red.; MAKHOVA, N.N., tekhn.red.

[Tractor plows] Traktornye plugi. Moskva, Gos. izd-vo sel'khoz.
lit-ry, 1957. 214 p. (MIRA 11:5)
(Plows)

GOGUNSKIY, Georgiy Grigor'yevich; KALYUZHINYY, Grigoriy Davidovich;
LIKHOYEDENKO, K.I., kand. tekhn. nauk, retsenzent; BUD'KO,
V.A., red. izd-va; VLADIMIROVA, L.A., tekhn. red.

[Mounted and semimounted tractor plows, scarifiers, and dig-
gers]Navesnye i polunavesnye traktornye plugi, rykhliteli,
i umokopateli. Moskva, Mashgiz, 1962. 159 p. (MIRA 15:9)
(Plows) (Excavating machinery)

KALYUZHNYI, G.D.; DANILEVICH, G.I.

The PRS-4-30 plow for rice fields. Trakt. i sel'khoz mash. 33 no.2:41-42
F '63. (MIRA 16:3)

1. Spetsial'noye konstruktorskoye byuro zavoda im. Oktyabr'skoy
revolyutsii.

(Rice)

(Plows)

KALYUZNYI, G.G.

Electric resistors instead of PE tubes. Elek. i tepl. tiaga 4
no.10:46 O '60. (MIRA 13:10)

1. Nachal'nik tyagovoy podstantsii Rybnoye.
(Electric railroads--Substations)
(Electric current rectifiers)

KALYUZHNYI G.G.

Two remarks. Elek. i tepl. tiaga 5 no.3:32 Mr '61. (MIRA 14:6)

1. Nachal'nik tyagovoy podstantsii Rybnoye Moskovskoy dorogi.
(Electric railroads--Current supply)
(Electric current rectifiers)

KAMALYAN, Gurgan Voskanovich, prof.; BARSEGYAN, G.V., otv. red.;
MATINYAN, A.A., tekhn. red.

[Colamine and its biological significance] Kolamin i ego biologicheskoe znachenie. Erevan, Izd-vo M-va sel'.khoz., 1960.
141 p. (MIRA 15:8)
(Ethanol)

KALYUZHNYI I., inzh.

Electrode for cast iron welding. Mast. ugl. 7 no.10:19 0 '58(MIRA 11:11)
(Cast iron--welding) (Electrodes)

107-57-3-52/64

AUTHOR: Kalyuzhnyy, I. (Moscow)

TITLE: Repair of the On-Off Power Switch in "T-2" TV Sets. Experience exchange
(Remont vyklyuchatelya seti v televizorakh "T-2." Obmen opytom)

PERIODICAL: Radio, 1957, Nr 3, p 50 (USSR)

ABSTRACT: Due to its poor construction, the on-off switch in the "T-2 Leningrad" TV set often gets out of order. It is impossible to replace the faulty switch because spare switches are not available. To correct the trouble, a simple remodelling of the switch by home means is suggested. There is one figure in the article.

Card 1/1

LEUTSKIY, K.M., prof., otv. red.; KALYUZHNYI, I.F., dots., red.;
LISHCHENKO, N.A., dots., red.; BYKOVA, O.Ye., kand. filol.
nauk, red.; GOROKHOVA, Z.N., dots., red.; TOKMAKOV, A.I.,
dots., red.; DOMBROVSKIY, A.V., dots., red.; BELYAYEV, N.G.,
dots., red.; LYUBOPYTNOVA, V.S., dots., red.; MUZYCHKO, G.I.,
tekhn. red.

[Science yearbooks for 1957] Nauchnyi ezhegodnik za 1957 god.
Chernovtsy, Chernovitskii gos. univ., 1958. 522 p.

(MIRA 16:10)

1. Czernowitz. Universytet. 2. Rektor Chernovitskogo gosudarstvennogo universiteta (for Leutskiy).

(Science--Yearbooks)

(Social sciences--Yearbooks)

KALYUZHENNY, I.S.

"The regional classification of soils for reclamation purposes in the eastern portion of central Fergana." Min Higher Education USSR. Tashkent Agricultural Inst. Tashkent, 1956
(Dissertation for the Degree of Candidate in Agricultural Science)

So: Knizhnaya Letopis', No. 18, 1956

KALYUZHNYI, I. S.

USSR/Soil Science - Soil Genesis and Geography.

J.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15242

Author : I.S. Kalyuzhnyy

Inst :

Title : The Meliorative Districting of Soils in Central Fergana.
(Meliorativnoye rayonirovaniye pochv Tsentral'noy Fergany).

Orig Pub : Sots. s. kh Uzbekistana, 1956, No 12, 43-48

Abstract : The author distinguishes three soil areas within the limits of Central Fergana: the automorphous, the Central Asian [?], saline soils and the salt marshes. In the first area the serozems and waste-land soils are not saline and drain off very well. In the area of the Central Asian [(?) sazovyy] soils the districts are distinguished as the calcium and magnesium carbonates, the calcium and magnesium carbonates and sulfates and the mixed saline soils.

Card 1/2

MOTYLEV, Yu.L., kand. tekhn. nauk; ZALESSKIY, Ye.P., prof.; ~~KALYUZHNYI,~~
~~I.S., kand. sel'khoz. nauk; AZIZOV, A.A., mlad. nauchnyy sotr.;~~
POLETAYEV, A.V., kand. khim. nauk; ABRUTSKAYA, Ye.G., mlad.
nauchnyy sotr. Primali uchastiye: BUTLITSKIY, Yu.V., mlad.
nauchnyy sotr.; FEPOSEYEVA, T.I., mlad. nauchnyy sotr.; BIRUL', A.K.,
prof., doktor tekhn. nauk, retsenzent; ZVERINSKIY, G.I., inzh.,
retsenzent; KOVALEV, T.G., inzh., retsenzent; BASIN, M.M., inzh., re-
tsenzent; DEBERDEYEV, B.S., red.; DONSKAYA, G.D., tekhn. red.

[Stability of earth roadbed and road mats in regions with arti-
ficial irrigation] Ustoichivost' zemlianogo polotna i dorozhnykh
odezhd v raionakh iskusstvennogo orosheniya. [By] I.U.L.Motylev i dr.
Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'nogo transp.i shos. dorog
RSPSR, 1961. 178 p. (MIRA 15:2)

(Uzbekistan--Road construction) (Uzbekistan--Irrigation)

KALYUZHNYI, I. T. Cand Med Sci -- (diss) "Disturbance of ~~the~~ capillary permeability and protein composition of blood plasma during Botkin's disease."
Frunze, 1957. 16 pp (Kirgiz State Med Inst), 200 copies (KL, 42-57, 94)

S

USSR/Human and Animal Morphology - Pathological Anatomy.

Abs Jour : Ref Zhur Biol., No 5, 1959, 21631

Author : Funt, I.M., Malyshev, B.F., Kalyuzhnyy, I.T.

Inst : -

Title : Changes in Certain Internal Organs Under the Influence of Large Therapeutic Doses of a Radioactive Isotope

Orig Pub : Sov. zdravookhr. Kirgizii, 1957, No 5, 27-30

Abstract : After the subcutaneous injection of I-131 in doses of 500-1500 millicuries into rabbits there is a disarrangement of the trabecular structure in the liver, there is a vacuolization of the cytoplasm of the liver cells, and a proliferation of the interlobular connective tissue; there are signs of marked irritation in the bone marrow; there is a disappearance of the lumen of the follicles, vacuolization of the cytoplasm of the cells of follicular epithelium in the

Card 1/2

KALYUZHNYI, I.T.

Functional condition of the thyroid gland in exudative pleurisy during PAS therapy. Probl.tub. 37 no.3:59-63 '59.

(MIRA 12:6)

1. Iz kafedry gosptal'noy terapii (zav. - dotsent B.I.Akhunbayeva) Kirgizskogo meditskinskogo instituta.

(THYROID GLAND, in var. dis.

tuberc. pleurisy, eff. of PAS ther. (Rus))

(TUBERCULOSIS, PULMONARY, compl.

exudative pleurisy, eff.of PAS ther. on thyroid funct. (Rus))

KALYUZHNYI, I. T.

Use of I^{131} for studying the functional state of the thyroid gland in diseases of the cardiovascular system and digestive organs. Med. rad. no.4:24-30 '62. (MIRA 15:6)

1. Iz kafedry gospital'noy terapii (zav. - prof. V. N. Zuyev) i Tsentral'noy radiobiologicheskoy laboratorii (zav. - prof. Ye. I. Bakin) Kirgizskogo meditsinskogo instituta.

(IODINE--ISOTOPES) (THYROID GLAND)
(CARDIOVASCULAR SYSTEM--DISEASES)
(DIGESTIVE ORGANS--DISEASES)

KALYUZHNYI, I.T., TEL'TAYEVA, G.K.

Etiology of liver cirrhosis. Sov. zdrav. Kir. no.3:18-22
My-Je '63. (MIRA 16:9)

1. Iz kafedry gospi-tal'noy terapii (zav. - prof. V.N.Zuyev
[deceased]) Kirgizskogo gosudarstvennogo meditsinskogo insti-
tuta.

(LIVER — CIRRHOSIS)

KALYUZHNYI, I.T.; SIDOROVA, L.N.; BURMIN, L.; AKTAYEV, S.; TEPLITS,
V.V.; ZUYKOV, V.N.; POKROVSKAYA, T.I.; KOZHOMKULOV, T.A.;
LAVROVA, N.N., prof., red.; ZUBOK, Ya.Z., tekhn. red.

[Read this, this is useful] Prochitai, eto polezno. Frunze,
1962. 10 nos. [Botkin's disease] Bolezn' Botkina. 19 p.
[Communicable (infectious) diseases in children] Detskie
zaraznye (infektsionnye) bolezni. 18 p. [Helminths and the
harm they cause to human health] Gel'minty i ikh vred dlia
zdorov'ia cheloveka. 26 p. [Work hygiene of the beet grower]
Gigiena truda sveklovoda. 12 p. [Hygienic regimen of the
schoolchild] Gigienicheskii rezhim shkol'nika. 24 p. [Fungus
diseases of the skin] Gribkovye zabolevaniia kozhi. 24 p.
[Prevention and treatment of cardiac and vascular diseases]
Preduprezhdenie i lechenie boleznei serdtsa i sosudov. 19 p.
[Prevention and treatment of rickets] Rakhit, ego predu-
prezhdenie i lechenie. 8 p. [Old age and longevity] Starost'
i dolgoletie. 14 p. [Vitamins and their significance for
human health] Vitaminy i ikh znachenie dlia zdorov'ia chelo-
veka. 22 p. (MIRA 17:3)

KALYUSHNYY, I.T., dotsen*

13. Treatment in grave coronary, cardiac and renal-vascular insuf-
ficiency. Med. rad. 10 no.7:46-52 JI '65. (MIRA 18:9)

1. Klinika propoveditel'skoy terapii (zav. - dotsen I.T.Kalyushnyy)
i tsentral'naya radionukleynaya laboratoriya (zav. - prof. Ye.I.
Bakin) Kirgizskogo meditsinskogo Instituta, Frunze.

E 31026-66

ACC NR: AP6022953

SOURCE CODE: UR/0219/66/061/003/0069/0073

AUTHOR: Kalyuzhnyy, L. V.; Kotlyar, B. I.

ORG: Department of Physiology of Higher Nervous Activity/directed by Professor L. G. Voronin/, Moscow University im. Lomonosov (Kafedra fiziologii vyshey nervnoy deyatel'nosti Moskovskogo universiteta)

39
36
B

TITLE: Effect of injection of small doses of scopolamine and aminazine on the electrical activity of the cortex, reticular formation, and certain levels of the hypothalamus in defensive (avoiding) conditioned reflexes of rabbits

SOURCE: Byulleten' eksperimental'noy biologii i meditsiny, v. 61, no. 3, 1966, 69-73

TOPIC TAGS: rabbit, conditioned reflex, bioelectric phenomenon, encephalology, EEG, drug effect, cerebral cortex, brain, reflex activity

ABSTRACT: Dynamics of changes in conditioned-reflex defensive activity and electrical activity of the cortex, reticular formation of the mid-brain and medial and lateral levels of the hypothalamus upon administration of small doses of scopolamine and aminazine were studied. The main emphasis was laid on changes in the EEG in the form of synchronized oscillations of biopotentials at a frequency of 8 - 10 oscillations/second, which originate in response to a signal stimulus and evince a direct relationship to the conditioned reflex at all stages of its manifestation; this synchronized rhythm, with reinforcement of the feeding reflex, is concentrated in the lateral level of the hypothalamus, and in the defensive reflex -- in its ventromedial structures.

Card 1/2

UDC: 615.784.4+615.786]-092.259:612.822.3:612.833.81

09K 10-26

L 31026-66

ACC NR: AP6022953

Experiments were performed on rabbits in a soundproof chamber. The record was made on a 16-channel electroencephalograph of the Biofizpribor Plant, with leads running from the visual-auditory cortex, the reticular formation of the mid-brain, the ventromedial and lateral nuclei of the hypothalamus. Scopolamine was given intramuscularly immediately prior to the experiment in a dose of 0.1 - 0.2 mg/kg of bodyweight, and aminazine, in a dose of 1-2 mg/kg. Administration of physiological saline solution served as the control. Following reinforcement of the conditioned defensive reflex in response to a signal, in all rabbits a burst of synchronized oscillations of biopotentials at a frequency of 8 - 9.5 oscillations/ second was observed in the medial leads of the hypothalamus, visual-auditory region of the brain, and reticular formation of the mid-brain. Immediately after administration of scopolamine, electrical activity and conditioned reflex activity did not noticeably change. In 10-15 minutes after administration of scopolamine, slow waves (2-3 oscillations/second) characteristic of the sleeping state originated in the intersignal intervals in all leads studied. It was found that aminazin in contrast to scopolamine initially induces disappearance of the conditioned defensive reflex; at the same time, absence of the rhythm of 8 - 10 oscillations/second was noted in the medial levels of the hypothalamus, and the inhibition of the reaction of excitation and unconditioned reflex. When scopolamine was administered to rabbits, the conditioned-reflex defensive reaction did not disappear, while aminazine blocked both the conditioned as well as the unconditioned component of this reflex. O. B. D'yachkova took part in the work. This paper was presented by Active Member AMN SSSR V. V. Parin. Orig. art. has: 2 figures. [JPRS]

SUB CODE: 06 / SUBM DATE: 03Jul64. / ORIG REF: 007 / OTH REF: 010
Card 2/2 2c

VORONIN, L.G.; KALTYEHNYY, I.V.; ZAKHAROVA, I.R.

Electroencephalographic data on the role of the lateral and ventromedian nuclei of the hypothalamus in the closing of alimentary temporary connections. Zhur. vys. nerv. deyat. 15 no.2:364-373 Mr-Apr '65. (MIRA 18:5)

1. Kafedra fiziologii vyshey nervnoy deyatel'nosti Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.

BR

ACCESSION NR: AP4035362

S/0221/64/057/002/0232/0244

AUTHOR: Kalyuzhnyy, L. V. (Moscow)

TITLE: Chemical mechanisms of certain forms of behavior

SOURCE: Uspelki sovremennoy biologii, v. 57, no. 2, 1964, 232-244

TOPIC TAGS: cholinergic system, adrenergic system, cerebral cortex, behavior reaction, food reflex, defense reflex, positive stimulus, negative stimulus, biochemical reaction

ABSTRACT: The present study of cholinergic and adrenergic systems and their effects on the behavior reactions of the higher nervous system is based on the literature. Both adrenergic and cholinergic substances introduced into the organism activate the cerebral cortex which is expressed by diffused desynchronization on an EEG. For adrenergic substances, there is a correlation between excited behavior reactions and EEG shifts, but for cholinergic substances there is no correlation. Adrenergic and cholinergic substances appear to activate the cerebral cortex differently and different behavior reactions are produced as demonstrated by various experiments with food and defense reflexes. Study data show that the cholinergic system affects

Card 1/2

ACCESSION NR: AP4035362

reactions to "biologically positive stimuli" and the adrenergic system affects reactions to "biologically negative stimuli". Each system has a more detailed division of chemical components and possibly each one of these corresponds to a certain behavior or emotional reaction. For example, clinical studies show that the urine catecholamine level of manic-depressive patients is higher, but during the manic period when anger and aggressiveness appear the noradrenaline level increases, and during the depressive period when fear and low spirits prevail the adrenaline level increases. Other studies have shown that levels of various chemical substances in the brain also undergo change. The behavior reactions of the central nervous system appear to be the result of numerous biochemical reactions and their combinations and each reaction apparently has a corresponding biochemical code. Orig. art. has: None.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: LS

NR REF SOV: 033

OTHER: 061

Card 2/2

KALYUZHNYI, L.V.

Changes in food and defensive conditioned reflexes in rabbits under the influence of the administration of noradrenaline and carbocholine into the posterior hypothalamus. Zhur. vya. nerv. deyat. 12 no.2:318-325 Mr-Apr '62. (MIRA 17:12)

1. laboratoriya sravnitel'noy fiziologii Instituta vysshey nervnoy deyatel'nosti i neyrofiziologii AN SSSR, Moskva.

KOTLYAR, B.I.; KALYUZHNYI, L.V.

Changes in the electrical activity of the cortex and some
subcortical structures during the defense (nonavoidance) reflex
in rabbits. Nauch. dokl. vys. shkoly; biol. nauki no.4:56-60 '64.
(MIRA 17:12)

1. Rekomendovana kafedroy fiziologii vysshey nervnoy deyatel'nosti
Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.

KALYUZHNYI, L.V.

Nature of the influence of noradrenaline on conditioned
reflex activity during direct introduction into the brain.
Zhur. vys. nerv. deiat. 13 no.2:309-315 Mr-Apr'63.

(MIRA 16:9)

1. Laboratory of Comparative Physiology, Institute of Higher
Nervous Activity and Neurophysiology, U.S.S.R. Academy of
Sciences, Moscow.

(NORADRENALINE) (CONDITIONED RESPONSE)
(HYPOTHALAMUS)

KALYUZHNYY, L.V.; KOTLYAR, B.I.

Electric activity of the cortex, lateral and ~~ventromedial~~ nuclei
of the hypothalamus and some other formations of the brain following
food and defense reflexes in rabbits. Nauch.dokl.vys.shkoly; biol.
nauki no.4:60-66 '65. (MIRA 18:10)

1. Rekomandovana kafedroy fiziologii vysshey nervnoy deyatel'nosti
Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.

ZAKHAROVA, I.N.; KALUZHKY, I.V.

Theta rhythm in the electroencephalogram of rabbits during the blocking of the components of the conditioned or unconditioned alimentary reflex. Zhur. vys. nerv. deyat. 15 no.5:808-816

S=O 165.

(MIRA 18:11)

1. Kafedra fiziologii vysshey nervnoy deyatel'nosti Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.

KALYUZHNYI, L.V.

Differentiation of conditioned stimuli sensed by one analyzer
in a heterogenic reinforcement. Trudy Inst.vys.nerv.deiat.
Ser.fiziol. 7:271-278 '62. (MIRA 16:2)
(CONDITIONED RESPONSE) (REINFORCEMENT (PSYCHOLOGY))

KALYUZHNYI, M. D.

Peat Industry

Making briquets from shredded peat and cut peat that have been naturally dried.
Torf. prom., 29, No. 7, 1952.

Monthly List of Russian Accessions, Library of Congress, October, 1952. UNCLASSIFIED.

KALYUZHNYI, M.D.; TURCHENKO, V.I.; MERKULOV, N.A.; KIRILLOV, N.P.;
BORISOVICH, V.G.

Exchange of practices by the enterprises of economic councils.
Torf.prom. 40 no.5:32-34 '63. (MIRA 16:8)

1. Pirochinskoye torfopredpriyatiye Sumskey oblasti (for Kalyuzhnyy).
2. Zavod Ivtorfsmash Verkhne-Volzhskogo soveta narodnogo khozyaystva (for Turchenko).
3. Torfopredpriyatiye "Vasil'yevskiy mokh" Kalininskoy oblasti (for Merkulov).
4. Lar'yanovskoye torfopredpriyatiye (for Kirillov).
5. Leningradskiy gosudarstvennyy trest torfyanoy promyshlennosti (for Borisovich).
(Peat industry)

KALYUSHNYY, M. Ya.

Kalyushnyy, M. Ya. "Rapid, uninterrupted fermentation of the wood mass", *Gidroliz. prom-sti' SSSR*, 1978, No. 6, p. 6-7.

Sc: U-3061, 10 April 83, (Latvian *Zhurnal' inzh. Staty*, No. 12, 1979) .

CA

16

How dewatering with brine influences yeast properties.
M. Ya. Kalyuzhnyi: *Mikrobiologiya* 19, 217-25 (1950).—
Solids content increases in yeasts dewatered with brine,
even though some sol. solids are lost by osmosis. Vi-
ability (in proliferation and fermentation capacity) is re-
tained. Dewatered yeasts keep better, having higher
resistance to other microorganisms. Treated with cryst.
NaCl instead of brine, they keep still better. Compared
by cell counts, proliferation and fermentation are slower

J than with untreated yeasts; on a wt. basis the dewatered
yeasts have higher fermentation activity. J. F. S.

CA

110

Water content and properties of yeasts cultured in
media with varying content of sodium salts. M. Ya.
Kalyuzhnyi (Leningrad State Inst. Sci. Research, Leningrad). *Mikrobiologiya* 19, 47-53 (1956).--Cells of
pressed yeast contained 2 parts free H₂O and 1 part bound
H₂O per part of dry matter. In yeast cells grown on mash
(8% halting) these ratios were 2.35:1 and 1.08:1 without
and 1.03:1 and 0.83:1 with addn. of 3% NaCl (or NaNO₃
or Na₂SO₄). Most of the loss was free H₂O, which must
therefore be a prime factor in the turgor of cells in hyper-
tonic solns. Fermentation activity is increased by Na
salts in the mash. An osmometric technique can be based
on changes in free water content of yeast cells.
Julian P. Smith

KALYUZHNYI, M. Ya.

USSR

7 Fractionation of wood hydrolyzates by thermophile yeast. M. Ya. Kalyuzhnyi, I. G. Lagunova, S. N. Ostannik, G. V. Bolozat, I. A. Selivanova, and Z. T. Ivanova. *Trudy Inst. Mikrobiol. Akad. Nauk S.S.S.R.* 3, 73-81 (1953). - Expts. with a thermophilic strain of *Saccharomyces cerevisiae* showed that at 55-60° the yield of F10H does not fall below that obtained at conventional 32°. In the development of this strain in wood hydrolyzate at an elevated temp. the actual growth of the organism is retarded in comparison with controls. The cultures must be made accustomed to the medium by residence in it for about 2 weeks prior to the test. G. M. Kozolapoff.

Cit. (5)

KALYUZHNYI, M. Ya.

Continuous fermentation of soluble liquor.

Kalyuzhnyy, M. Ya., K. P. Anareev, N. A. Ivanovskii, and N. V. Melchakov. *Gidroliz i Lesokhim. Prom.* 8, No. 4, 7-8 (1955).

— Compared were 3 systems of fermentation of soluble liquors which contained, on the av., around 2% of fermentable sugars. In one installation the liquor to be fermented and wort (I) was charged into a 200-cu. m. fermentation tank (II) and a light current of air was bubbled through this tank. I was pumped from the bottom of II over an inclined fine-mesh Cu-wire cloth. Fibers and yeast attached to them were returned to II, while the fermented mash III was transferred to a collector. Another installation consisted of II and 2 smaller sedimentation tanks where I was left to settle for 30 min., after which the substrate was decanted and the sediment returned to the main tank. In a third modification the settling tank was provided with an agitator, III was pumped off the top, and the sediment was returned to II. The highest yield and the greatest time saving was achieved in the first case. The problem of wire corrosion, however, has presented a serious problem.

T. Jurcic

Handwritten initials or mark.

Handwritten circled number 3.

KALYUZHNYI, M.Ya., kandidat biologicheskikh nauk.

Microbiological control of yeast in separation fermentation of
sulfite liquors. *Gidroliz. i lesokhim.prom.* 8 no.5:29 '55.
(Yeast) (Sulfite liquor) (MLRA 9:1)

KALYUZHNYI, M. YA.

USSR/Chemical Technology - Chemical Products and Their Application. Wood Chemistry Products. Cellulose and Its Manufacture. Paper, I-23

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63354

Author: Kalyuzhnyy, M. Ya., Andreyev, K. P.

Institution: None

Title: Fermentation of Sulfite Liquor with Separation of Fermented Liquor

Original

Periodical: Tr. In-ta lesokhoz. problem AN Latv. SSR, 1955, 8, 105-110

Abstract: It is recommended to utilize in fermenting sulfite liquor a continuous rapid method of fermentation with re-use of the yeast separated from the fermented liquor. Fermentation must be carried out in 2 component fermentation series with a 5:1 ratio of starting to finishing fermentation tanks. With optimal yeast concentration of 15-18 g/l fermentation proceeds better and is completed in 6 hours. One kg of separated yeast ferments on the average 4.5 kg sugar per day, and during fermentation the amount of yeast increases by 0.1-0.15 kg per one m³ of liquor, on the basis of absolutely dry yeast. Separation method of

Card 1/2

USSR/Chemical Technology - Chemical Products and Their Application. Wood Chemistry
Products. Cellulose and Its Manufacture. Paper, I-23

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63354

Abstract: fermentation reduces the volume of fermentation vessels and increases
alcohol yield from total and fermentable sugar by 5-6% in comparison
with method using stationary charge.

Card 2/2

KALYUZHNIY M. Ya.

✓
ME
Continuous fermentation of sulfite liquor by yeast sorbed on cellulose fiber. M. Ya. Kalyuzhnyi (All-Union Sci. Research Inst. Hydrolysis and Sulfite Alc. Ind., Leningrad). *Mikrobiologiya* 24, 402-7 (1955).—Cellulose fiber can adsorb its own wt., or more, of yeast from alc. fermentation mashes. The adsorbed yeast in this heterogeneous medium is activated, fermenting faster, and has higher alc. yield than in homogeneous media. A technique for utilizing this property is described; with sulfite liquor contg. 1.87-2.30% sugar yields of EtOH were 2.2-5.0% higher than in batch fermentations. Adsorbed yeast fermented 66.4% of the sugar content; yeast without cellulose fiber fermented only 63.5%.
Julian P. Smith

KALYUZHNYY, M. Ya.

Yeast sedimentation in continuous fermentation of hydrolyzates. M. Ya. Kalyuzhnyi, M. K. Raltseva, and V. A. Utenkova (All-Union Sci. Research Inst. Hydrolysis and Sulfite Alc. Ind., Leningrad). *Mikrobiologiya* 24, 348-52(1965).--Yeast sedimentation is slower in filtered than in unfiltered mashes. Factors influencing the rate include cell count, sugar concn., and motion in the mash. Up to 20 g./l. the yeast is easy to hold in suspension and there is not much sediment, whether the mash was filtered or not. Sedimented yeast ferments more slowly and yields less alc. than suspended yeast. Wood hydrolyzates should be fermented at a yeast content of 15-20 g./l., with systematic sepn. of settled yeast. Julian P. Smith

2

USSR / Microbiology. General Microbiology. Growth and Development of the Microbe Population. F

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 19429

Author : Kalyuzhnyy, M. Ya.

Inst : ~~Not given~~

Title : The Adsorption Effect on Reproduction and Fermentation Caused by Yeast

Orig Pub : Mikrobiologiya, 1957, 26, No 3, 346-352

Abstract : Yeasts which produce alcoholic fermentation, when adsorbed on optically transparent cellulose, multiply considerably more rapidly and last longer in the vegetative state than yeast cells in a homogeneous medium. As indicated by the microscopic observations on yeast development in a circulating chamber, constructed by the author, one generation of

Card 1/2

A-U Inst. Hydrolysis & Sulphite Spirit Industry.

KALUZHENNY, M. Ya., Leningrad.

"The Viability and Fermentative Activity of Yeast During the Continuous Fermentation of Wood Hydrolysates,"

report submitted for the Symposium on Continuous Cultivation of Microorganisms, Czech. Acad. of Sci., Prague CSR, 23-28 June 1958.

Sci Res Inst of Hydrolysis & Sulphite Alcohol Industry

KALYUZHENNY, M. Ya.; BOLONDZ', G.V.

Nature and properties of yeast sorbed by cellulose fibers. *Gidroliz. i lesokhim. prom.* 11 no.4:11-14 '58. (MIRA 11:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidroliznoy i sul'fitno-spirovoy promyshlennosti.
(Yeast) (Cellulose)

KALYZHNYI, M. YA.

AUTHOR: Alferov, V. V. 004/20-33-2-48/60

TITLE: Continuous Fermentation and Breeding of Microorganisms
(Nepreryvnoye brozheniye i vyrashchivaniye mikroorganizmov)

PERIODICAL: Vestnik Akademii nauk SSSR, 1959, Nr 2, pp 106-108 (USSR)

ABSTRACT: The Institut mikrobiologii Akademii nauk SSSR (Microbiological Institute of the Academy of Sciences, USSR) convened a conference from October 13 to 15, 1958 which dealt with the investigation of some working results in this field as well as with the discussion of a further intensification of the productions basing on the activity of microorganisms. The conference was attended by more than 200 representatives of academic and scientific branch research institutes, enterprises, sovmarkhoses, universities, as well as foreign scientists. The following lectures were heard:
 M. D. Iyerusalimskiy spoke of the theoretical foundation of the method of continuous microbe breeding and its prospects of application in the microbiological industry.
 Ye. A. Plevako, Vsesoyuznyy nauchno-issledovatel'skiy institut khlebopekarnoy promyshlennosti (All-Union Scientific Research Institute of Bread-Production Industry) dealt with the problem of the breeding of yeast in solutions containing molasses.
 P. M. Fisher, K. P. Andrayev, V. A. Utenkova, M. Ya. Kaluzhnyy and A. P. Kryuchkova, Vsesoyuznyy nauchno-issledovatel'skiy institut gidroliznyy i sul'fitno-spirovoy promyshlennosti (All-Union Scientific Research Institute for the Industry of Hydrolysis and Sulfite Spirits) evaluated the theoretical and practical work in the field of continuous fermentation of wood hydrolysates and sulfite liquor as well as their utilisation for obtaining fodder yeast.
 I. L. Marasova, Krasnoyarskiy gidroliznyy zavod (Krasnoyarsk Hydrolysis Plant) said that the introduction and completion of the continuous process of yeast breeding made it possible to increase the output of yeast factories by ten times.
 V. L. Yarmuska, A. L. Malchenko, Vsesoyuznyy nauchno-issledovatel'skiy institut spirtovoy i likero-vodochnoy promyshlennosti (All-Union Scientific Research Institute of the Spirit, Liqueur and Brandy Industry), V. M. Nakhmanovich, Dzheshunskaya nauchno-issledovatel'skaya laboratoriya (Dzheshunskaya Scientific Research Laboratory) reported on the experiment of applying the method of continuous fermentation

Card 1/4

Card 2/4

Continuous Fermentation and Breeding of Microorganisms *BOV/50-59-2-AP/60*

of the starch raw material and syrup in the alcohol and acetone-butanol industry.

S. A. Komralov, All-Union Scientific Research Institute of the Alcohol, Liqueur and Brandy Industry reported on the problem of antiseptics in fighting infection due to ferments.

L. Ya. Matvinskaya, Institut mikrobiologii Akademii nauk USSR (Microbiological Institute of the AS USSR) reported on the investigation of the morphological and physiological properties of yeast.

A. D. Kozalanka, Andrushevskiy spirtovoy zavod (Andrushevka Distillery), N. Ya. Raychanko, Malo-Viskovskiy spirtovoy zavod (Malo-Viskovskiy Alcohol-Distillery), M. Makarova, Saolenskiy Sovnarkhoz (Saolensk Distillery) reported on some working results obtained by distilleries in the syrup fermentation by using the method of continuous flow.

M. S. Loytjanskaya, Leningradskiy universitet (Leningrad University) characterized the correlation of reproduction processes and biochemical activity of acetic acid bacteria in the high-speed production of vinegar.

K. M. Seronova, Microbiological Institute of the AS USSR spoke of the possibility of obtaining vitamin B₂ by continuous breeding of propionic acid bacteria (propionovokislitye bakterii). S. L. Brinberg, O. Z. Grabovskaya, Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov (All-Union Scientific Research Institute of Antibiotics) reported on the application of this method in the production of penicillin.

V. V. Vyatkins, All-Union Scientific Research Institute of the Spirit, Liqueur, and Brandy Industry showed that the method of semi-continuous breeding of the fungus *Aspergillus niger* accelerates fermentation. B. V. Perfil'ev, Leningrad University reported on the results of investigations of the natural microflora by the method of capillary microscopy which he had developed.

V. A. Kordun, Kiev University demonstrated his new hatcher for continuous breeding of microorganisms in laboratory practice.

J. Vintik and J. Kijica (Czechoslovakia) expressed their opinions on the methods of continuous breeding of microorganisms.

On this Conference it was pointed to the necessity of organizing the industrial production of cultures for continuous fermentation.

Card 4/4

KALYUZHNYI, M. Ya.; RAYTSEVA, M.K.; BOLONDZ', G.V.

Continuous fermentation of wood hydrolyzates prepared with ammonium and calcium bases. *Gidroliz. i lesokhim.prom.* 13 no.7:10-12 '60.

(MIRA 13:10)

1. Nauchno-issledovatel'kiy institut gidroliznoy i sul'fitno-spiritovoy promyshlennosti.

(Hydrolysis) (Fermentation)

KALYUZHNYI, M. Ya.

Scorption of yeasts by cellulose fibers and its importance in the
fermentation of sulfite liquors. Trudy Inst. mikrobiol. no. 6:172-
182 '59. (MIRA 13:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidroliznoy
i sul'fitno-spirtovoy promyshlennosti.
(YEAST) (CELLULOSE) (SULFITE LIQUOR)

UTENKOVA, V.A.; ZELENCHIKOVA, A.V.; KALYUZHNYI, M.Ya.

Producing vitamin B₁₂ by cultivating propionic acid bacteria on sulfate liquor. Vit. res. i ikh isp. no.5:73-81 '61. (MIRA 15:1)

1. Nauchno-issledovatel'skiy institut gidroliznoy i sul'fitno-spirovoy promyshlennosti, Leningrad.
(CYANOCOBALAMINE) (PROPIONIBACTERIUM)
(SULFITE LIQUOR)

KALYUZHNYI, M.Ya.; PETRUSHKO, G.M.

Processing of sulfite liquors obtained in the cooking of wood-
pulp with acid on a mixed base. *Gidroliz.i lesokhim.prom.* 15
no.8:4-5 '62. (MIRA 15:12)

1. Nauchno-issledovatel'skiy institut gidroliznoy i sul'fit-
nospirtovoy promyshlennosti.
(Sulfite liquor)

KALYUZHNYI, M.Ya., kand.biologicheskikh nauk

Yeast sorption by cellulose fibers and its effect on the
fermenting of sulfite liquors. [Trudy] NTO bum.i der.prom.
no.8:214-220 '59. (MIRA 16:2)

(Yeast) (Sulfite liquor) (Cellulose)

KALYUZHNYI, M. Ya.

Flocculation and sorption of yeast on nonnutrient media.
Mikrobiologiya 31 no.4:720-725 J1-Ag '62.

(MIRA 18:3)

1. Leningradskiy nauchno-issledovatel'skiy institut gidroliznoy
i sub'fitno-spirovoy promyshlennosti.

BOBOREKO, E.A.; KALYUZHNYI, M.Ya.; CHAYKA, N.D.; ABRAMOVICH, M.M.; SHILOV, Yu.P.;
DRUZHININA, A.T.; ZYBIN, S.Ye. [deceased]; BATIKOV, L.S.

Improving the process of yeast growing on wood hydrolyzates.
Gidroliz. i lesokhim.prom. 17 no.8:22-25 '64.

(MIRA 18:1)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut gidroliznoy
i sul'fitno-spirovoy promyshlennosti, Leningrad (for Boboreko,
Kalyuznyy, Chayka, Abramovich). 2. Ivdel'skiy gidroliznyy zavod
(for Shilov, Druzhinina, Zybin, Batikov).

KALYUZHNYI, M.Ya.; PETRUSHKO, G.M.

State of water and cell juice concentration in yeasts grown on the
stillage of boiled-down liquor. Sbor.trud.NIIGS 12:124-128 '64.

(MIRA 18:3)

KALYUZHNYY, M. Ya.

Fermentation of concentrated sulfite liquors to ethyl alcohol.
Sbor.trud.NIIGS 12:208-215 '64. (MIRA 18:3)

KALYUZHNYY, M.Ya.; BOBORENKO, E.A.

Batcher for feeding nutrient medium in a continuous cultivation of fodder yeast. Prikl. biokhim. i mikrobiol. 1 no.5:590-594 S-O '65. (MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sul'fatno-spirtovoy i gidrolisnoy promyshlennosti.

KALYUZHNYY, M.Ya.; PETRUSHKO, G.M.; NOVIKOVA, G.P.

Flocculation of *Candida utilis* and *Candida tropicalis* yeasts
and its relation to flotation. *Mikrobiologiya* 34 no.5:918-
924 S-0 '65. (MIRA 18:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidroliznoy
i sul'fitnospirovoy promyshlennosti, Leningrad.

KALYUZHNYI, M.Ya.; BOLONDZ', G.V.

Viability and productivity of yeasts in continuous fermentation of
wood hydrolysates. Mikrobiologiya 28 no.3:427-432 My-Je '59.
(MIRA 13:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidroliznoy i
sul'fitno-spirtovoy promyshlennosti, Leningrad.

(YEASTS

survival & productivity during continuous fermentation
of wood hydrolysates (Rus))

KALYUZHNYI, N.; DUYUNOV, A., inzh. po tekhnike bezopasnosti

Dust control. Sov.shakht. 10 no.9:20-21 S '61.

(MIRA 14:8)

1. Zamestitel' glavnogo inzhenera kombinata Luganskugol'
(for Kalyuzhnyy).

(Mine dusts)

BUGAYEV, I.N., insh.; KALYUZHNIY, N.A., master (g.Krasnyy Liman, Donetskoy dorogi)

Centralized inspection points for automatic brakes. Zhel.dor.
transp. 42 no.2:79-80 F '60. (MIRA 13:5)
(Railroads--Brakes)

NIKOLAYEV, S.I., red.; SALUKVADZE, V.S., red.; ANDRIANOV, K.I., red.; VASIL'YEV, A.Ye., red.; ZHIKHAREVA, G.P., red.; KRYLOV, P.I., red.; KSHONDZER, G.L., red.; KHRAMIKHIN, F.G., red. [deceased]; CHEREMISINOV, M.M., red. Prinsipali uchastiye: ANUCHKIN, M.P., red.; GRIGOR'YEVA, M.B., red.; ZHUKOV, V.I., red.; KALYUZHNIY, N.G., red.; KAMERSHTEYN, A.G., red.; KOZLOVSKAYA, A.A., red.; LAVROVA, N.P., red.; NUSOV, G.I., red.; FAL'KEVICH, A.S., red.; YERSHOV, P.R., vedushchiy red.; FEDOTOVA, I.G., tekhn.red.

[Safety regulations for constructing steel pipelines] Pravila tekhniki bezopasnosti pri stroitel'stve magistral'nykh stal'nykh truboprovodov. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 235 p. (MIRA 13:9)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gazovoy promyshlennosti.
2. Vsesoyuznyy nauchno-issledovatel'skiy institut tverdykh splavov (for Anuchkin, Grigor'yeva, Zhukov, Kalyuzhnyy, Kamershteyn, Kozlovskaya, Lavrova, Nusov, Fal'kevich), (Pipelines) (Industrial safety)

KALYUZHNYI, N.G., inzh.

Method and equipment for pressure measurements during pneumatic testing of main gas pipelines. Stroi.truboprov. 7 no.9:7-9
S '62. (MIRA 15:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po stroitel'stvu magistral'nykh truboprovodov, Moskva.
(Gas, Natural--Pipelines)

KALYUZHNYI, N.T., inzh.

Location of shafts in opening synclines. Izv.vys.ucheb.zav.; gor.
zhur. no.9:38-42 '58. (MIRA 12:6)

1. Novocherkasskiy politekhnicheskiy institut.
(Mining engineering)

KALYUZHENYY, N. T.

Investigating the physical properties of coals and cover rocks
in synclines. Trudy NPI 103:61-75 '59. (MIRA 13:9)
(Coal geology)

KALYUZHNYI, N. T., CAND TECH SCI, "INVESTIGATION OF
MOST ADVANTAGEOUS DISPOSITION OF SHAFTS AND FIELD ~~EXCA-~~
workings
~~VATIONS~~ IN SYNCLINAL FOLDS." DNEPROPETROVSK, 1960. (MIN
OF HIGHER ED USSR, DNEPROPETROVSK ORDER OF LABOR RED
BANNER MINING INST IM ARTEM). (KL, 3-61, 216).

KALYUZHNYI, Nikolay Tikhonovich; VIDULIN, Anatoliy Yevdokimovich; VOSTROV,
I.D., otv. red.; ZHUKOV, V.V., red. izd-va; MINSKER, L.I., tekhn.
red.

[Distribution of hard headings in developing coal deposits] Raspo-
lozhenie polevykh vyrabotok pri razrabatke ugol'nykh mestorozhdenii.
Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 106 p.
(MIRA 14:6)

(Coal mines and mining)

KALYUZHNYX, N.T., inzh.

Investigating the physical properties of rocks in coal deposit
synclines. Izv.vys. ucheb. zav.; gor. zhur. no.6:37-45 '60.
(MIRA 14:5)

1. Novocherkasskiy politekhnicheskiy institut. Rekomendovana kafedroy
razrabotki plastovykh mestorozhdeniy.
(Coal geology) (Rocks)

KALYUZHNYI, N.T., gornyy inzh.; LYASHENKO, I.V., gornyy inzh.; Pilyurhanov,
L.S., gornyy inzh.

Growth of the rate of mining of the basic development workings and
its effect of the technical and economic indices of drifting. Ugol'
Ukr. 5 no.7:12-14 J1 '61. (MIRA 15:1)
(Donets Basin--Coal mines and mining)

KALYUZHNY, N.T.

Work practice in synclinal fold curves. Trudy NPI 101:97-149
'60. (MIRA 15:5)

(Coal mines and mining)

KALYUZHNYI, N.T.

Accuracy in the calculation of bottom pillars in sinking shafts
in synclinal folds. Trudy NPI 101:151-183 '60. (MIRA 15:5)
(Coal mines and mining)

ACC NR: AP6015710 (A) SOURCE CODE: UR/0413/66/000/009/0125/0125

INVENTOR: Maydis, N. M.; Avramenko, A. K.; Yakuts, B. L.; Ryzhov, L. S.; Korchin, Yu. M.; Kalyuzhnyy, O. K.; Kuchinskiy, V. A.

ORG: None

TITLE: Fuel delivery controller for internal combustion engines. Class 46, No. 181445

SOURCE: Izobreteniya, promyshlennyye obratzys, tovarnyye znaki, no. 9, 1966, 125

TOPIC TAGS: engine fuel system, air temperature, fuel control

ABSTRACT: This Author's Certificate introduces: 1. A fuel delivery controller for internal combustion engines. The unit consists of a device for transmitting signals to a servomechanism, a stack of aneroid capsules and two correctors with pickups. These pickups are made in the form of bimetallic plates equipped with manual adjustment screws. Each of these bimetals varies fuel delivery as a function of air temperature. The second corrector is connected to the fuel delivery channel supplying fuel to the engine to allow for the variation in the specific weight of the fuel with temperature. 2. A modification of this controller in which transition from one type of fuel to another is simplified by a scale on the device for correcting temperature (specific weight). The indicating needle of the corrector scale can be set by a manual adjustment screw.

SUB CODE: 21/ SUBM DATE: 28Jun63

UDC: 621.43.031-441.2

Cord 1/1

KAYNARSKIY, I.S., prof., doktor; TSIGLER, V.D., inzh.; STOVBUR, A.V., inzh.
SIDORENKO, Yu.P.; KALYUZHNYI, P.P.

Organizing the production of lightweight dinas bricks. Ognepery 18
no.7:291-300 J1 '53. (MIRA 11:10)

1. Khar'kovskiy institut ogneperov (for Kaynarskiy, Tsigler, Stovbur).
2. Dinasovyy zavod im. F. Dzerzhinskogo (for Sidorenko, Kalyushnyy).
(Firebrick)

KAYNARSKIY, I.S., prof., doktor; TSIGLER, V.D., inzh.; SIDORENKO, Yu.P.;
KALYUZHNYK, P.J.

Service of lightweight dinas bricks in a dinas-burning periodic
kiln. Ogneupory 18 no.4:163-172 Ap '53. (MIRA 11:10)
(Firebrick) (Kilns)

TSIGLER, V.D.; BOVKUN, S.S.; SIDORENKO, Yu.P.; KALYUZHNYI, P.T.; PAZUKHA, P.I.

Efficient firing of coke dinas in gas-heated compartment kilns.
Ogneupory 19 no.5:195-201 '54. (MIRA 11:7)
(Firebrick) (Kilns)