

ANTONOV, Aleksandr Petrovich; MALKOV, Il'ya Izrailevich; BORISOVA, G.A.,  
red.; MEDRISH, D.M., tekhn. red.

[Household refrigerators] Domashnie kholodil'niki. Moskva, Gos-  
torgizdat, 1962. 70 p. (MIRA 16:2)  
(Refrigerators)

KALMYKOV, Nikolay Nikolayevich; MAL'KOV, Ivan Aleksandrovich;  
LESETSKIY, V.A., red.; ISAYEVA, V.V., ved. red.;  
VOROB'YEVA, L.V., tekhn. red.

[Drilling equipment used in the U.S.A.] Burovoe oborudovanie,  
primeniamoe v SSHA. Moskva, Gos. nauchno-tekhn. izd-vo neft.  
i gorno-toplivnoi lit-ry, 1962. 244 p. (MIRA 15:3)  
(United States--Oil well drilling rigs)

SIDORENKO, M.V., red.; VOLONIKHIN, Yu.V., red.; GORECHENKOV, G.I., red.;  
IVANTSOV, O.M., red.; MAL'KOV, I.A., red.; TESNER, P.A., red.;  
YENISHERLOVA, O.M., vedushchiy red.; RASOVA, G.V., vedushchiy  
red.; SOLGANIK, G.Ya., vedushchiy red.; MUKHINA, E.A., tekhn.red.

[Techniques of the gas industry abroad; papers and reports  
presented at the 7th International Gas Congress] Tekhnika zaru-  
beznoi gazovoi promyshlennosti; doklady i referaty. Moskva,  
Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1960.  
367 p. (MIRA 13:11)

1. International Gas Congress. 7th, Roma.  
(Gas industry)

MAL'KOV, Ivan Aleksandrovich; SHATSOV, N.I., red.; GUREVICH, YA.D.,  
vedushchiy red.; MUKHINA, E.A., tekhn.red.

[Theory and practice of the use of bits for hydraulic mining  
in the U.S.A.; based on materials published abroad] Teoriia i  
praktika primeneniia gidromonitornykh dolot v SShA; po materia-  
lam zarubezhnoi pečati. Moskva, Gos. nauchno-tekhn.izd-vo neft.  
i gorno-tonlivnoi lit-ry, 1958. 135 p. (MIRA 12:1)  
(Hydraulic mining--Equipment and supplies)

MAL'KOV, A.I., inzh.

Construction of pipelines in the United States and Canada (conclusion).  
Stroi. pred. neft. prom. 3 no.2:28-30 F '58. (MIRA 11:4)  
(United States--Pipelines)  
(Canada--Pipelines)

MAL'KOV, I.A., inzh.

Construction of pipelines in the United States and Canada (to be  
concluded). Stroi. pred. neft. prom. 3 no.1:28-31 Ja '58.  
(MIRA 11:3)

(United States--Pipelines)  
(Canada--Pipelines)

BRANTLY, John Edward; MAL'KOV, I.A. [translator]; FILATOV, B.S., red.

[Rotary drilling handbook] Spravochnik po vrashchatel'nomu  
bureniu. Izd.5. Pod red. B.S.Filatova. Moskva, Gos.  
nauchno-tekhn.izd-vo nefi.i gorno-toplivnoi lit-ry. 1957. (MIRA 13:5)  
405 p. Translated from the English.  
(Oil well drilling)

MAL'KOV, I.A.

Automatic welding of aluminum pipelines (from "Welding and Metal  
Fabrication," No.4, 1955). Gaz. prom. no.3:36 Mr '57.  
(MIRA 12:3)

(Pipelines--Welding)



MAL'KOV, I. A.

Cement

Asbestos-cement panels instead of slate and marble. Rab. energ. 2 no. 5 (1952)

Monthly List of Russian Accessions, Library of Congress, August 1952. Unclassified.

MALKOV, I.

Washing machines. Sov.trog. 35 no.1:48-49 Ja '62. (MIRA 15:1)  
(Washing machines)

MALKOV, G.P.; GITNIK, S.M.

Large industrial building made of precast reinforced concrete.  
Prom stroi. 39 no.6:31-36 '61. (MIRA 14:7)  
(Factories—Design and construction)  
(Stavropol—Reinforced concrete construction)

MALKOV, G.P., deputat Moskovskogo Soveta

Rebuilding the center of the capital. Gor. khoz. Mosk. 35  
no.10:38-39 0 '61. (MIRA 16:7)

(Moscow—City planning)

MALKOV, G.P.; RUSAK, P.M., inzh.

Improve the quality of planning standard construction industry enterprises. Prom.stroi. 38 no.3:16-19 '60. (MIRA 13:6)

1. Direktor Proyektного instituta No.2 Ministerstva stroitel'stva RSFSR (for Malkov).  
(Factories--Design and construction)

MALKOV, G.P.; KOYENMAN, G.G.

Planning the expansion of the construction industry in individual economic regions. Prom. stroi. 37 no.1:11-13 Ja '59. (MIRA 12:1)

1. Direktor proyektного instituta No.2 (for Malkov). 2. Glavnyy inzhener proyekta (for Koyenman).  
(Construction industry)

MAL'KOV, G.F.

Mal'kov, G.F. "On the production of dry brain preparations", Trudy Voen.-mor. med. akad.  
Vol. XI, 1948, p. 322-26, - Bibliog: 15 items.

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

MAL'KOV, G.F.

Mal'kov, G.F. "On the innervation of the jugular veins", Trudy Voen.-mor. med. akad.,  
Vol. XI, 1948, p. 86-90, - Bibliog: 12 items.

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



MAL'KOV, G.F.

Mal'kov, G.F. "On the problem of the rami communicantes profundi", Trudy Voen.-mcr. red. akad., Vol. XI, 1948, p. 73-85, - Bibliog: 20 items.

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

MAL'KOV, G.F.

Mal'kov, G.F. "The anatomy of the spinal nerve in man", Trudy Voen.-mor. med. akad., Vol. XI, 1948, p. 49-72,- Bibliog: 43 items.

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

MAL'KOV, G. B. and SHILOVA, S. A.

"Use of Systemic Poisons Against Rodents and Their Ectoparasites in  
Nidi of Tick-Borne Encephalitis."

Tenth Conference on Parasitological Problems and Diseases with Natural  
Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of  
Sciences, USSR, Moscow-Leningrad, 1959.

Perm Oblast Health and Epidemiology Station and Central Disinfection Re-  
search Institute, (Moscow)

SHILOVA, S.A.; TROITSKIY, V.B.; MAL'KOV, G.B.; BEL'KOVICH, V.M. (Moscow)

Significance of the mobility of murine forest rodents for the distribution of the tick *Ixodes persulcatus* P.Sch. in spring and summer foci of encephalitis [with summary in English].  
Zool. zhur. 37 no. 6:931-938 Je '58. (MIRA 11:7)

1. Tsentral'nyy nauchno-issledovatel'skiy dezinfektsionnyy institut, Moskva.

(Mice as carriers of disease)  
(Ticks)

*MAL'KOV, G. B.*

SHILOVA, S.A.; TROITSKIY, V.B.; MAL'KOV, G.B.; BEL'KOVICH, V.M.

Significance of the mobility of murine forest rodents for the  
distribution of ticks in spring and summer foci of encephalitis.  
Biul. MOIP. Otd. biol. 62 no.5:117-118 S-O '57. (MIRA 10:11)  
(TICKS AS CARRIERS OF DISEASE) (PARASITES--MICE)

SHILOVA, S.A.; MAL'KOV, G.B.; CHABOVSKIY, V.I.; MESHCHERYAKOVA, Ye.V.

Influence of a reduction in the murine rodent population on the feeding of larvae and nymphs of the tick. *Ixodes persulcatus* P.Sch. in centers of tick-borne encephalitis [with summary in English] *Biul. MOIP. Otd.biol.* 61 no.3:27-34 My-Je '56. (MLBA 9:10)

(MOLOTOV PROVINCE--TICKS) (RODENTIA)

MALKOV, G.: SAFONOV, A., inzh.

Plan for a single construction supply center in the Omsk Economic District. Na stroi. Ros. no.7:24-25 J1 '61. (MIRA 14:8)

1. Direktor proyektnogo instituta No.2 Ministerstva stoitel'stva RSFSR (for Malkov).  
(Omsk Province--Building materials)

ALTUNIN, S.; DMITRIYEV, N.; MAL'KOV, F.

Maintenance of apartment houses is a matter of national importance. Zhil.-kom.khoz. 9 no.11:6-7 '59. (MIRA 13:2)

1. Nachal'nik zhilishchnogo upravleniya g.Leningrada (for Altunin).
  2. Nachal'nik Moskovskogo oblastnogo zhilishchnogo upravleniya (for Dmitriyev).
  3. Nachal'nik Kuybyshevskogo gorodskogo zhilishchnogo upravleniya (for Mal'kov).
- (Apartment houses--Maintenance and repair)



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ACERION NO: APS011132

ENCLOSURE: 01

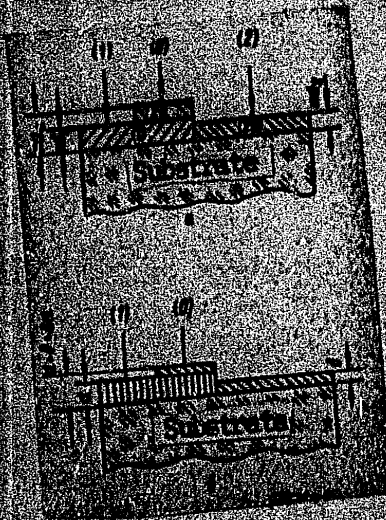


Fig. 1. Measurement of nucleation time of thin films and of their thickness.

a - section through the stepped film used to determine the nucleation time, b - film used to determine the thickness.

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vacuum evaporation into a transparent substrate. The method is essentially based on simultaneously depositing a layer on the exposed substrate, on the substrate covered with a mask, and on a previously deposited layer on the same substrate. A spectrophotometer is used to observe the three interference patterns corresponding to the three different parts of the film in transmitted or reflected light. The measurement of the wavelengths and orders of the corresponding interference fringe maxima. The results of the measurements of the nucleation time of amorphous dielectric  $Sb_2S_3$  films on a substrate with  $n = 1.5105$  are presented as an example. The accuracy with which the nucleation time and the thickness can be determined is about 10 per cent. Original article has: 1 figure, 3 formulas, and 1 table

ASSOCIATION: None

SUBMITTED: 06Jul64

NR REF SOV: 004

ENCL: 01

SUB CODE: OP, EC

OTHER: 002

Card 2/3

CLASSIFICATION: EWT(L)/SPA(S)-2/EWT(M)/ENP(L)/EEC(F)/T/ENP(L)/EEC(D)-2/ENP(D)/ENA(D)  
ACQUISITION NR: AP501132 UR/0051/65/018/004/0717/0719  
535.417

AUTHORS: Mal'kov, E. N.; Rakov, A. V.

TITLE: Interference method for the determination of the nucleation time of thin dielectric and semiconductor films and for the measurements of their thicknesses

SOURCE: Optika i spektroskopiya, v. 18, no. 4, 1965, 717-719

TOPIC TAGS: semiconductor film, thin film, dielectric film, nucleation time, film thickness, interference method

ABSTRACT: The authors have developed a method for the measurement of the nucleation time of a thin film, which is an important parameter describing the kinetics of the film formation. They have also developed a method for the measurement of film thickness considerably smaller than  $\lambda/4n$  ( $\lambda$  -- wavelength,  $n$  -- refractive index). The methods are illustrated by Fig. 1 of the enclosure and are based on the interference of light in thin films. It can be applied to dielectric and semiconducting layers obtained by

MALKOV, David Emmanuilovich; SATIN, M.S. kand. tekhn. nauk, nauchnyy  
red.; PETRENKO, N.F. red. izd. voim. PUL'KINA, Ye. I. tekhn.  
red.

[Techniques of the manufacture of thin-walled prestressed  
concrete slabs] Tekhnologiya izgotovleniya tonkostennykh pred-  
varitel'no napriazhennykh zhelezobetonnykh panelei. Lenin-  
grad, Gosstroizdat, 1962. 138 p. (MIRA 15:9)  
(Prestressed concrete)

STABNIKOV, Vasiliy Nikolayevich; MALKOV, D.E., inzh., nauchnyy red.; GRI-  
GOR'YEVA, I.B., red. izd-va; VORONETSKAYA, L.V., tekhn. red.

[Carpentry] Dereviannye raboty; posobie dlia povysheniia masterstva  
rabochikh i brigadirov. Leningrad, Gos. izd-vo lit-ry po stroit.,  
arkhit. i stroit. materialam, 1961. 223 p. (MIRA 14:10)  
(Carpentry)

*SHAGAL, G.M.*  
SHMYKOV, P.A., inzhener; SHAGAL, G.M., inzhener; GOGIN, Ya.I., inzhener;  
MALKOV, D.E., inzhener.

Precast prestressed reinforced shell arches. Nov.tekh.i pered.op.  
v stroi. 18 no.12:9-12 D '56. (MLRA 10:1)  
(Roofs, Shell) (Prestressed concrete construction)

MAL'KOV, B. (Chelyabinsk)

Fiftieth anniversary of a beloved work. Otkr. truda i sots.  
strakh. 6 no. 1214 Ja '63. (MIRA 1621)  
(Chelyabinsk. Railroads. Safety measures)

MAL'KOV, A.S., kand.med.nauk

Technic for removal of the epididymis. Trudy Semipal. med. inst.  
2:349-352 '59. (MIRA 15:4)

1. Kurs urologii (A.S.Mal'kov) pri kafedre fakul'tetskoy khirurgii  
(zaveduyushchiy prof. A.Ya.Yasnogorodskiy) Semipalatinskogo gosudar-  
stvennogo meditsinskogo instituta.  
(EPIDIDYMIS--SURGERY)



GLADYSHEV, V. N., MAL'KOV, A. I.

Governors (Machinery)

USE of speed regulator D-50. Energ. biul. no. 5, 1952.

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LETOKHOV, V.S.; VATSURA, V.V.; PUKHLIK, Yu.A.; FEDOTOV, D.I.; KOSOZHICHIN,  
A.S.; ZHABOTINSKIY, M.Ye.; DASHYYSKIYA, Ye.I.; KOZLOV, A.N.;  
KUVINSKIY, L.G.; VASIN, V.A.; YURGENEV, L.S.; KOVOMIROVA, I.Z.;  
PETROVA, G.N.; SHCHEBROVITSKIY, S.S.; BELYAYEVA, A.A.; BRYKINA,  
L.I.; GLUBOV, V.M.; DRONOV, M.I.; KONOVALOV, M.D.; TARAPIN, V.N.;  
MIKHAYLOVSKIY, S.S.; ZHEGALIN, V.G.; ZHABIN, A.I.; GRIBOV, V.S.;  
MAL'KOV, A.P.; CHERNOV, V.N.; RATNOVSKIY, V.Ya.; VOROB'YEVA, L.M.;  
MILOVANOVA, M.M.; ZARIPOV, M.F.; KULIKOVSKIY, L.F.; GONCHAPSKIY,  
L.A.; TYAN KHAK SU

Inventions. Avtom. i prib. no.1:78-80 Ja-Mr '65. (MIRA 18:8)

*MAL'KOY A.P.*

VIZEL'MAN, L.M., inzhener; MAL'KOY, A.P., inzhener.

Automatic vending machines for vegetable oils. Izobr. v SSSR 2 no.6:  
14 Je '57. (MLRA 10:8)  
(Vending machines) (Oil and fats, Edible)

KORMUSHKINA, A.M.; MALKOV, A.M.

Studying the conditions increasing the activity of beer yeasts.  
Izv.vys.ucheb.zav.; pishch. tekh. no.3:101-103 '63. (MIRA 16:8)

1. Voronezhskiy tekhnologicheskii institut, kafedra tekhnologii  
brodil'nykh proizvodstv.

(Yeast)

MAIKOV, A.M.; DEYEVA, V.Ye.; TKACHEVA, G.A.

Effect of potassium phosphate and sodium fluoride on the synthesis  
of the biomass and the amylolytic activity of *Bac. subtilis*.  
Mikrobiologiya 31 no.6:990-994 N-D '62. (MIRA 16:3)

1. Leningradskiy institut sovetskoy torgovli imeni F. Engel'sa.  
(POTASSIUM PHOSPHATES) (SODIUM FLUORIDES)  
(BACTERIA, AEROBIC)

MALKOV, A.M.; ROZMANOVA, N.V.

Antibiotic properties of some strains of Gibberella. Mikro-  
biologiya 31 no.1:153-157 Ja-F '62. (MIRA 15:3)

1. Leningradskiy tekhnologicheskii institut pishchevoy  
promyshlennosti.  
(FUNGI) (ANTIBIOTICS)

MALKOV, Abo Markovich, prof., doktor tekhn. nauk; FISHER, P.N.,  
spets. red.; KOVALEVSKAYA, A.I., red.; SATAROVA, A.M.,  
tekhn. red.

[Technology of baker's and feed yeasts] Tekhnologiya khle-  
bopekarnykh i kormovykh drozhzhei. Moskva, Pishchepromizdat,  
1962. 236 p. (MIRA 15:11)

(Yeast)

MALKOV, A.M.; DEYEVA, V.Ye.

Influence of a partial inhibition of respiration in *Aspergillus oryzae* on the synthesis of a biomass, the amount of  $P_7$  and on the aminolytic activity. *Mikrobiologiya* 30 no.2:229-235 Mr-Apr '61.  
(MIRA 14:6)

1. Leningradskiy tekhnologicheskij institut pishchevoy promyshlennosti.

(*ASPERGILLUS ORYZAE*)



MALKOV, A.M.; LEONINOK, V.A.

Effect of malonate on respiration and respiratory phosphorylation  
in yeasts. Mikrobiologiya 29 no.6:834-838 N-D '60. (MIRA 14:1)

1. Leningradskiy tekhnologicheskii institut pishchevoy promyshlennosti.  
(MALONIC ACID) (YEASTS) (RESPIRATION)  
(PHOSPHORYLATION)

MALKOV, A.M.

Inhibition of respiration in potato sprouts as a measure for controlled intensification of the synthesis of biomass during sprouting. Izv. AN SSSR. Ser. biol. no.5:717-726 S-0 '60. (MIRA 13:9)

1. The Technological Institute of Food Industry, Leningrad.  
(POTATOES) (PLANTS---RESPIRATION)  
(PLANTS, EFFECT OF PHOSPHORUS ON)

MALKOV, A.M.; DEYEVA, V.Ye.

Effect of orthophosphate on the amylolytic activity of the fungus  
*Aspergillus oryzae*. *Izv.vys.ucheb.zav.;pishch.tekh.no.5:68-71*  
'60. (MIRA 13:12)

1. Leningradskiy tekhnologicheskiy institut pishchevoy promy-  
shlennosti. Kafedra tekhnologii brodil'nykh proizvodstv.  
(*Aspergillus oryzae*) (Potassium phosphate)

MALKOV, A.M.; DEYEVA, V.Ye.

Effect of sodium fluoride on the breathing, synthesis of biomass,  
and amylolytic activity of *Aspergillus oryzae*. Izv. vys. ucheb.  
zav.; pishch. tekhn. no.2:57-60 '60. (MIRA 14:7)

1. Leningradskiy tekhnologicheskii institut pishchevoy  
promyshlennosti, kafedra tekhnologii brodil'nykh proizvodstv.  
(*Aspergillus oryzae*)  
(Sodium fluoride)

MALKOV, A.M.; LEONINOK, V.A.

Effect of methylene blue and sodium azide on fermentation and the pyrophosphate content of yeast. Mikrobiologiya 28 no.5:710-716 S-O '59. (MIRA 13:2)

1. Leningradskiy tekhnologicheskii institut pishchevoy promyshlennosti.

(PYROPHOSPHATES chem.)

(YEASTS chem.)

(AZIDES pharmacol.)

(METHYLENE BLUE pharmacol.)

MALKOV, A.M.; POPOVSKAYA, N.A.

Bactericidal action of quinhydrone in the cultivation of yeasts. *Izv.vys.ucheb.zav.; pishch.tekh.* no.3:65-69 '59.  
(MIRA 12:12)

1. Leningradskiy tekhnologicheskii institut pishchevoy promyshlennosti. Kafedra brodil'nykh proizvodstv.  
(Yeast) (Quinhydrone)

MALKOV, A.M.; LEONINOK, V.A.

Effect of barbiturates on aerobic fermentation and formation of pyrophosphoric compounds by yeast. Nauch.dokl.vys.shkoly; biol. nauki no.2:146-148 '59. (MIRA 12:6)

1. Rekomendovana kafedroy tekhnologii brodil'nogo proizvodstva Leningradskogo tekhnologicheskogo instituta pishchevoy promyshlennosti.

(Barbiturates--Physiological effect)  
(Yeast) (Phosphorus metabolism)

MALKOV, A.M.

Pigments in molasses as oxidation-reduction systems. Izv.  
vys.ucheb.zav.; pishch.tekh. no.2:45-50 '59. (MIRA 12:8)

1. Leningradskiy tekhnologicheskii institut pishchevoy  
promyshlennosti.

(Molasses)



MALKOV, A.M.

Increasing the utilization of nonedible raw materials in the yeast industry. Izv.vys.ucheb.zav.; pishch.tekh. no.1:3-5 '59.  
(MIRA 12:6)

1. Leningradskiy tekhnologicheskii institut pishchevoy promyshlennosti, kafedra tekhnologii brodil'nykh proizvodstv.  
(Yeast)

phenol in a concentration of 0.0002-0.0004  
activates the fermentation and increases the

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: Ref Zhur - Biologiya, No 6, 1959, No. 24007

synthesis of phosphates rich in energy; higher concentrations act inhibitingly. Respiration is activated under a concentration of 0.00002 M; 2,4-dinitrophenol separates the processes of fermentation and respiration from yeast multiplication, 0.0002 M delays, and higher concentrations suppress completely the process of yeast multiplication. It is assumed that the increase of synthesis of phosphates rich in energy under increased concentrations of 2,4-dinitrophenol takes place by reversible action of pyrophosphatase enzymes. -- M. V. Fateyeva

Card 2/2

MAREK, Ya.I.; MALKOV, A.M.

Effect of phosphorus and iron on xylose during thermal  
decomposition. *Gidroliz. i lesokhim.prom.* 11 no.7:11-12 '58.  
(MIRA 11:11)

1. Leningradskiy tekhnologicheskii institut pishchevoy pro-  
myshlennosti.  
(Xylose) (Phosphorus) (Iron)

MALKOV, A.M.

Formation and transformation of esters and aldehydes in the process  
of alcoholic fermentation. Izv.vys.ucheb.zav.; pishch.tekh. no.4:  
34-39 '58. (MIRA 11:11)

1. Leningradskiy tekhnologicheskii institut pishchevoy promyshlennosti,  
Kafedra tekhnologii brodil'nykh proizvodstv.  
(Esters) (Fermentation) (Aldehydes)

*MALKOV, A.M.*

**MALKOV, A.M.**, professor.

More about the oxidation decomposition of sugars during the  
hydrolysis of polysaccharides from sawdust. *Gidroliz. i leso-*  
*khim. prom.* 10 no.4:16-17 '57. (MLRA 10:7)

(Sugars) (Oxidation) (Hydrolysis)

*Malkov, A. M.*  
USSR/Microbiology - General Microbiology

F-1

Abs Jour : Ref Zhur - Biol., No 4, 1958, 14702

Author : Malkov, A.M., Bogdanova, L.A.

Inst : -

Title : Effect of Sodium Fluoride on Formation of Pyrophosphate Compounds by Yeasts During Fermentation.

Orig Pub : Mikrobiologiya, 1956, 24, No 4, 405-414

Abstract : Sodium fluoride added to a medium of glucose and mineral salts in concentrations 0.1-0.005 molar inhibits the process of alcoholic fermentation caused by bakers' yeast. In concentrations of 0.0001 molar, sodium fluoride does not delay the processes of fermentation and yeast multiplication. The toxic effect of NaF is diminished when added to fermenting yeasts. The synthesis of pyrophosphate compounds by yeasts which fermented on media containing different concentrations of NaF is not excluded. Exposure of yeasts before fermentation to concentrated

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of III together with 10.76 mg.  $Fe^{2+}$ , 15 ml. 30%  $H_2O_2$ , and 2.5 ml. 0.5N  $H_2SO_4$  or 2.5 ml. of 0.5N KOH (the total vol. was 250 ml.). The amt. of III oxidized was: with no phosphate and no  $H_2SO_4$ , 16.78, 53.03, and 74.43% in 24, 72, and 120 hrs.; with phosphate and  $H_2SO_4$ , 6.01, 33.83, and 73.83% in 24, 72, and 120 hrs.; with no phosphate and KOH it was 8.27, 40.80, and 89.92%; with phosphate and KOH it dropped to 6.01, 27.81, and 66.91% in 24, 72, and 120 hrs. A 2% I soln. in 1%  $H_2SO_4$  with 0.8 mg.  $Fe^{2+}$  was kept at 185° 90 min. and 11.89% I was oxidized; without  $Fe^{2+}$  only 1.51% I oxidized. The retarding affect of phosphates at high temp. was established by adding solns. of primary phosphates to the reaction medium. Without phosphates 11.5% I and 50% xylose (IV), with the phosphates 10.5% I and 16% IV was oxidized. High concn. of phosphates inhibited the reaction completely. In addn., the formation of reducing substances (V) in pine sawdust was studied. This material had been subjected to the action of  $H_2SO_4$  at high temp., and the influence of  $Fe^{2+}$ ,  $Fe^{3+}$ , and phosphates on V was established. When no Fe and no P was added there was 2% V, with 1.60 mg.  $Fe^{2+}$ , 1.78%, with 1.60 mg.  $Fe^{3+}$ , 1.82%, and with 0.98 mg. P, 2.23%. That phosphates inhibited the formation of V was shown by adding 0.0, 0.98, and 3.90 mg.-% (on the basis of  $H_2SO_4$  soln. of sawdust) to the soln. The corresponding amt. of V was 100.00, 105.29, and 104.60% of I, and 100.00, 100.61, and 123.56% of IV. In these reactions Fe has been considered as the reaction promoter, and phosphates appeared as inhibitors of the Fe catalysis owing to the formation of only slightly sol. Fe phosphates. During the oxidation process substances were formed which appeared to be stronger in complexing Fe than phosphates. All the quantities of Fe and P are expressed in mg.-% with regard to the specific soln. referred to.

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2/2

T. Jurcik

MALKOV, A.M.

Decomposition of sugars by oxidation. A. M. Malkov, *Gidroliz. i Lesokhim. Prom.* 8, No. 1, 4-6 (1953).—The influence of  $Fe^{2+}$  (as  $FeSO_4$ ) and phosphates on the oxidation of glucose (I) and inverted sucrose (II) was studied. A 25-g. sample of I was dissolved in 600 ml. of water, and 80-ml. aliquots were filled into flasks to which 120 ml. 3%  $H_2O_2$  and  $Fe^{2+}$  in amts. from 0.0 to 180 mg. were added. The solns. were left standing at 37° from 24 to 240 hrs., and the amt. of the oxidized glucose (III) was detd. in intervals. The percentage of III after 24, 96, 144, and 240 hrs. was with 0.0 mg.  $Fe^{2+}$  0.0, 3.37, 4.49, and 6.74%; with 60 mg.  $Fe^{2+}$  it was 8.98, 32.85 (after 96 hrs.), and 60.87 (after 240 hrs.); with 120 mg.  $Fe^{2+}$  it was 28.08, 29.21, 31.46, and 34.26%; and with 180 mg.  $Fe^{2+}$  30.33, 34.83, and 65.39% in 96, 144, and 240 hrs. Expts. with II, 0.0, 0.47, 0.90, 1.30, and 1.68 mg.  $Fe^{2+}$  being used, gave 9.61, 14.69, 19.19, 22.71, and 26.39% III in 144 hrs. To establish the role of the soln. medium, 16 g. III was dissolved in 900 ml. water, portions of 150 ml. were filled into flasks, 13.45 mg.  $Fe^{2+}$  was added, and the vol. made up to 250 ml. The amt. of III oxidized, no  $H_2O_2$  being added, was 4.51, 12.03, 18.79, and 23.30% in 24, 72, 120, and 144 hrs.; with 25 ml. 30%  $H_2O_2$ , the yield increased to 8.01, 33.33, 72.93, and 76.69%. The effect of the pH and the form of  $Fe^{2+}$  was studied by preps. solns. as above. Na K tartrate,  $KH_2PO_4$ , and  $Na_2HPO_4$  were then added. In this soln. I oxidized to the extent of 15.00, 29.28, 37.14, and 57.35% in 24, 48, 72, and 120 hrs. (pH before the addn. of  $H_2O_2$  was 8.04, after 6.03). In another series the degree of oxidation was 8.57, 14.38, 22.14, and 30.00% (pH before the addn. of  $H_2O_2$  7.17, after 4.10), and a third run gave 7.14, 11.43, 14.57, and 21.43% (pH before the addn. of  $H_2O_2$  5.91, after 2.54). The influence of phosphates was detd. by adding 1.8155 g.  $KH_2PO_4$  to a soln.

①  
1/2



144 Rev. B.M.

~~Pyrophosphate function in anaerobic respiration: Reaction of  
intermediate from Fe fermentation and pyrophosphate of pyrophosphate  
which appears in respiratory fermentations. The intensified  
respiration slows fermentation (stronger Pasteur effect).  
Such yeast becomes poorer in pyrophosphate; yeast rich  
in Fe-contg. respiratory enzymes form less pyrophosphate  
during proliferation than yeasts with low active Fe content.~~  
Julian P. Smith

Submitted 1953.

Translation M-534, 9 June 55

*Malikov A. M.*

*Chem* Effect of pH and the oxidation-reduction potential on alcohol fermentation. A. M. Malikov, V. B. Deeva, and O. I. Kryachkova. *Trofi. Leningrad. Tekhnol. Inst. Pishchev. Prom.* 3: 103-18 (1953); *Russk. Zhur., Khim.* 1953, No. 3087. -- A high oxidation-reduction potential (I) of the medium contributes to a lowering of the yield of alc.

Thus, all the factors which contribute to a high I are undesirable; among these are lowering of pH of the mash and its aeration. An interrelation was found between the pH and the I of the mash and the yeast as well as an almost direct relation between the I of the fermenting medium and the intensity of yeast breathing. In the production of alc. the preferred pH was found to be 5.0-5.5. M. Hoseli.

*3*

MALKOV, A.M., professor, doktor tekhnicheskikh nauk; FISHER, P.N., redaktor;  
VOLKHOVER, R.S., tekhnicheskii redaktor.

[Production of yeast from nonfood substances] Proizvodstvo drozhdnei iz  
nepishchevogo syr'ia. Moskva, Goslesbumizdat, 1953. 175 p. (MLRA 7:5)  
(Yeast)

CA

116

Directability of action of the pyrophosphatase enzymes of yeast. A. M. Maikov. *Doklady Akad. Nauk SSSR* 77: 87-9 (1951).—Yeast pyrophosphatase acts only hydrolytically in the eluted state and shows max. at pH 3.5 and 7.5. The synthetic activity is shown only when the enzyme is adsorbed on cell structures and its max. is at pH 7.0. Specimens of yeast in pH 4.2 acetate buffer were incubated 4 hrs. at 40° and were either placed in pH 7 acetate soln. and aerated 3 hrs. at 25°, or were aerated at 25° in acetate soln. in presence of small amt. of  $Fe_2(SO_4)_3$  or in presence of quinhydrone. The quinhydrone system showed some-  
 what reduced enzymic hydrolytic activity, while  $Fe^{+++}$  almost completely stopped the enzymic action of the phosphatases. Aeration itself does not reduce the rate of autolytic hydrolysis of the pyrophosphate linkages. The physiologically active phosphatase system of the yeast behaves differently. The yeast that grew with access of air formed a lesser amount of pyrophosphate linkages than did the yeast with the Fe-containing enzyme system that had been inactivated by CN or  $PO_4$  ions. Thus, the vegetation of yeast at high intracellular reduction-oxidation potential, caused by hemin-Fe system, aids the hindering of synthetic action of the phosphatases, while low reduction-oxidation potential (CN<sup>-</sup> induced) enhances the synthetic action of at least some pyrophosphatases. G. M. Kosolapoff

CA

11C

Control of autolytic spoilage process in yeast. A. M. Malkov (Moscow Yeast Plant). *Doklady Akad. Nauk S.S.S.R.* 72, 85-8 (1930).--The end products of anaerobic glycogen decompn., EtOH and traces of aldehydes, may participate in conversion of S-S link to SH, thus acting as a basic factor in yeast autolysis. This is confirmed by much more rapid autolysis in presence of 0.02%  $\text{CH}_3\text{I}$ . Yeast enriched with Fe is more stable to autolysis than unenriched yeast; enrichment is accomplished by addn. to culture of  $\text{FeSO}_4$  giving 4 mg. % concn. This apparently results from inactivation of the proteinase present in the cells. The enrichment resulting in 100 mg. % Fe content of yeast (control 120) also increases respiration by 80%. The enrichment may be used successfully in manuf. of stable yeast.  
G. M. Kosolapoff





PA4OT44

MALKOV, A. M.

USSR/Medicine - Yeast - Action  
Medicine - Xylose

Nov 1946

"Mechanism of the Splitting of Glucose and Xylose by the Yeast *Monilia Murmanica*," A. M. Malkov, S. N. Ostanin, All-Union Scientific Research Institute of Hydrolysis Industry, Moscow, 8 pp

"Mikrobiologiya" Vol XV, No 5

Equations are given for the splitting of hexose (glucose) and xylose by the yeast *Monilia murmanica* under near anaerobic conditions. Splitting of xylose by the yeast, which has been acclimatized to xylose-containing medium, under near anaerobic conditions is also described. Six tables are included.

4OT44

LC



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3RD AND 4TH CODES

BC

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7TH AND 8TH LETTERS

9TH AND 10TH LETTERS

11TH AND 12TH LETTERS

13TH AND 14TH LETTERS

15TH AND 16TH LETTERS

17TH AND 18TH LETTERS

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87TH AND 88TH LETTERS

89TH AND 90TH LETTERS

91ST AND 92ND LETTERS

93RD AND 94TH LETTERS

95TH AND 96TH LETTERS

97TH AND 98TH LETTERS

99TH AND 100TH LETTERS

REVERSIBLE ACTION OF PYROPHOSPHATASE. A. M. MALKOV and V. V. KAL (Ukrain. Biochem. J., 1939, 13, 633-645).—The optimum  $p_{\text{H}}$  for hydrolysis of  $\text{P}_2\text{O}_7^{4-}$  by live yeast is 3.5, and for synthesis from  $\text{PO}_4^{3-}$  7. Yeast autolyate or dried yeast does not synthesise  $\text{P}_2\text{O}_7^{4-}$ ; the optimum for its hydrolysis by these preps. is  $p_{\text{H}}$  7. Mg activates the reactions with dried or autolyzed yeast, but not with live yeast. R. T.

*CR*

PROCESSES AND PROPERTIES INDEX

10, 33-7(1933); *Chem. Zentr.* 1934, I, 1573.---The autolysis is carried out at 100° instead of at 35°. Twenty g. of yeast is compressed in a crucible, in the middle of which a thermometer is suspended. When the temp. begins to drop as a result of liquefaction of the yeast, the sol. N is detd. Fresh baker's yeast contains 0.07-0.14% sol. N. The sol. N increases until liquefaction of the yeast occurs, and then decreases. This process takes place in the same manner at 100° as at 35°. Autolysis of the yeast with the use of  $CHCl_3$  yields the same results. The keeping qualities of the yeast are measured by the increase in sol. N during autolysis (at the instant of liquefaction).

W. A. Moore

16

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

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91ST AND 92ND LETTERS

93RD AND 94TH LETTERS

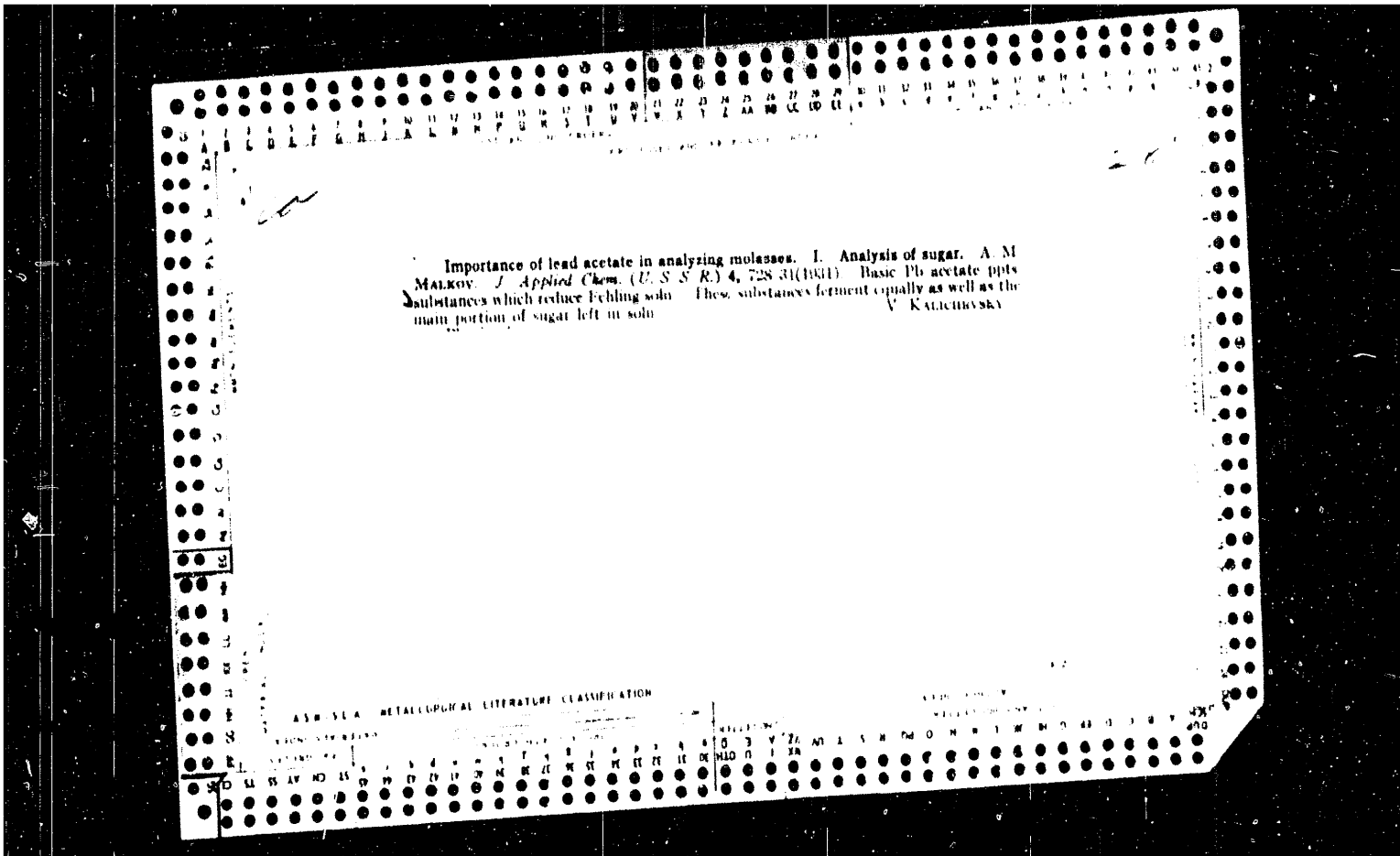
95TH AND 96TH LETTERS

97TH AND 98TH LETTERS

99TH AND 100TH LETTERS







APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001031900048-6

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discuss it with anyone and should report the unauthorized disclosure  
to the nearest CIA office.

BREGMAN, G.S.; MAL'KOV, A.I.

Recovery of the threo isomer from vat residues during production of  
synthomycetin. Med.prom. no.2:29-30 Ap-Je '55. (MIRA 9:12)

1. Moskovskiy khimiko-farmatsevticheskiy zavod imeni Karpova.  
(CHLORAMPHENICOL, preparation of,  
isolation of threo isomer in residues)





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 HR 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 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 QP 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 UP UQ UR US UT UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT 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

RELATIVITY AND CORRECTIVE INDEX

**Determination of permanganate in the presence of manganate.** A. I. MAL'KOS, I. U. MISHUSTIN AND I. A. KAZARNOVSKII. *J. Chem. Ind. (Moscow)* 7, 601 (1930).

First det. the oxidizing power against  $H_2C_2O_4$ . Take 25 cc. of 0.1 N  $H_2C_2O_4$ , add 35 cc. of 2 N  $H_2SO_4$ , 100 cc. of water and 1 cc. of  $H_3PO_4$ . Titrate with the soln. to be analyzed at 80-90°. Then det. the total Mn by reducing to  $MnO_2$  and titrating iodometrically as follows: To 25 cc. of soln. add 30 cc. of 0.1 N  $NaHCO_3$  (5 g.  $HCO_3H + 15$  g.  $NaOH$  per l.) and heat at 60° for 15 min. To the cooled, decolorized soln. add 10 cc. of 20%  $KI$ , 90 cc. of water and 40 cc. of 10%  $H_2SO_4$ . Titrate with 0.1 N  $Na_2S_2O_3$ . From the results of these 2 titrations compute the  $MnO_4^-$  and  $MnO_2$  contents. V. D. KARPENKO

ASAC SUB 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

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 HR 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 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 QP 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 UP UQ UR US UT UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT 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

MAI'KOV, A.I., inzhener-polkovnik

Can this experience apply to you? Vest.Vozd.Fl. no.1:61-64  
Ja '60. (MIRA 13:8)  
(Airplanes—Maintenance and repair)

MALKOV, A.G., inzh.

Radial displacement of armature plates of exciters during operation.  
Elek.sta. 28 no.12:66 D '57. (MIRA 12:3)  
(Armatures)

*MALKOV, A. G.*

MALKOV, A.G., inzhener.

Circuit for a starting relay at minimum voltage. Elek.sta.26  
no.7:91 J1 '57. (MLRA 10:9)

(Electric relays)

MAIKOV, A.G., inzh.

Eliminate lack of coordination in designating phases.  
Elektrichestvo no.12:78-79 D '57.

(MIRA 10:12)

1.Orgenergoneft'.

(Electric power distribution)

MALKOV A.G.

MALKOV, A.G., inzhener.

Testing current circuits while the generator is immobile.  
Energetik 5 no.8:22-23 Ag '57. (MIRA 10:10)  
(Electric circuits--Testing)

~~MALKOV, A.G.~~ inzhener.

Regulating the operating current of A-3144 automatic adjusters.  
Energetik 5 no.2:22-23 F '57. (MLRA 10:3)  
(Electric switchgear)

MALKOV, A.G.

Testing a.c. circuits by the method of analyzing primary data  
of vector diagrams; exchange of experience. Energ.biul. no.4:  
27-29 Ap '57. (MIRA 10:5)

(Electric circuits)  
(Vector analysis)



MALKOV, A.G.

Defects in rims made of nonmagnetic steel. Energ. biul. no.3:25-27  
Mr '57. (MIRA 10:4)

(Electric generators)

*Malkov, A. G.*

Subject : USSR/Electricity AID P - 4110

Card 1/1 Pub. 27 - 21/24

Author : Malkov, A. G., Eng.

Title : Phase marking in three-phase electric installations.  
(Discussion of a note by A. Ya. Rozental', this  
Journal, No. 1, 1955).

Periodical : Elektrichestvo, 11, 86, N 1955

Abstract : The author considers the markings suggested by A. Ya.  
Rozental' as more confusing than those actually accepted.  
He gives his own suggestions.

Institution : Oil Industry Trust for the Rationalization of Power and  
Fuel Utilization.

Submitted : No date

MALKOV, A. G., Eng.

Short Circuits

Protecting the stator winding of a generator against short circuits to ground. *Elek. sta.* 23, No. 2, 1953.

Monthly List of Russian Accessions, Library of Congress  
June 1953. UNCL.

MAIKOV, A.G.

Measuring the insulation resistance of the excitation circuit of a synchronous machine under voltage. Energ.biul. no.11:31-32 N '53. (MLRA 6:10)  
(Electric machinery, Synchronous)

MALKOV, A.G., inzhener.

Errors in synchronization schemes and methods of their elimination. Ener-  
getik 1 no.3:22-23 Ag '53. (MLRA 6:8)  
(Dynamics)

1. BAIKOV, M.G. A. 3.
2. USSR (600)
4. Electric Apparatus and Appliances
7. Defect of the automatic field extinguisher F-1B.  
Rab. energ. 2 no. 10, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.

PA 40/49T45

MALKOV, A. G.

USSR/Engineering  
Turbogenerators  
Electrical Equipment

Apr 49

"Damage to the Active Steel of Turbogenerator ABG,"  
A. G. Malkov, Engr, Orgbenergetsi, 1 p

"Prom Energet" No 4

Describes damage to active steel of ABG (General Electric) turbogenerators with 500 kw, 6,300 v and 3,000 rpm. Reveals method to strengthen damaged steel of stator, which should be recommended to power engineers of plants and factories operating

40/49T45

USSR/Engineering (Contd)

Apr 49

With ABG turbogenerators. Gives illustration and graphs showing process of damage and strengthening method.

40/49T45

MALKOV, Aleksandr Fedorovich; YEL'KOV, F., red.; ZHDANOVA, G., tekhn. red.

[Public food service] Obshchestvennoe pitanie. Barnaul, Altaiskoe  
knizhnoe izd-vo, 1960. 35 p. (MIRA 14:12)  
(Restaurants, lunchrooms, etc.)



MAL'KOV, A.F., podpolkovnik; BELIKOV, M.A., polkovnik, red.; SOLOMONIK,  
R.I., tsKhn.red.

[Striving to achieve a high level of combat readiness; from the  
experiences of Army and Navy party organizations] V bor'be za  
vysokuiu boevuiu gotovnost'; iz opyta raboty armeiskikh i flotskikh  
partiinykh organizatsii. Moskva, Voen.izd-vo M-va obor.SSSR, 1959.  
141 p. (MIRA 12:9)

(Russia--Armed forces--Education, Nonmilitary)

SVETITSKIY, V.P.; MALKOV, A.B.

Hydrologic characteristics of the Nurek Hydroelectric Power  
Station. Vop. gidr. no.10:110-128 '62. (MIRA 16:2)  
(Nurek Hydroelectric Power Station—Hydraulics)

SVETITSKIY, V.P.; PILSOV, E.M.; ROZHKOV, N.P.; GOLIB, Ya. L.;  
MALKOV, A.B.; MAYEVSKIY, I.S.; RAZZORENOV, F.F.

Winter levels of the Amu Darya River in connection with  
the design of the Nurek Hydroelectric Power Station.  
Izv. AN Uz.SSR.Ser.tekh.nauk no.3:45-58 '61. (MIRA 14:6)

1. Institut vodnykh problem i gidrotekhniki AN UzSSR.  
(Nurek Hydroelectric Power Station)

MALKOV, A.A.

New mechanism for saw travel in the sharpener. Der.prom. 11  
no.11:24-25 N '62. (MIRA 15:12)

1. Kirovskiy stankostroitel'nyy zavod.  
(Saw filing)

*MLRA 9:1*  
VLASOV, Aleksey Alekseyevich; VORONTSOV, Aleksey Ivanovich; PONOMAREVA, Yekaterina Nikolayevna; STROKOV, Vyacheslav Vsevolodovich; FLEROV, Sergey Konstantinovich; KHRAMTSOV, N.N., redaktor; IL' INSKIY, A.I., kandidat sel'skokhczaystvennykh nauk; MALKOV, A.A.; KOLESNIKOVA, A.P., tekhnicheskij redaktor

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AUTHORS: Mal'kov, A.A. and Onopko, B.N.

TITLE: Hygienic characteristics of solar ultraviolet radiation at Donetsk

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 1, 1963, 19, abstract 1B118 (Tr. Donetskogo med. in-ta, 1962, v. 22, 52-57)

TEXT: Measurements of ultraviolet solar radiation by the oxalic acid method at Donetsk during a period of 17 months (June 1958 - October 1959) were used to establish definite regularities in the daily, monthly and seasonal distributions of solar ultraviolet radiation.

[Abstracter's note: Complete translation]

Card 1/1

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