

MAKSAKOV, V.; OLEYNIK, T.; ABRAMZON, B.

Device for determining meat tenderness. *Mias.ind.SSSR 33 no.5:48-49*  
'62. (MIRA 15:12)

1. Nauchno-issledovatel'skiy institut zhivotnovodstva lesostepi i  
poles'ya UkrSSR (for Maksakov, Oleynik). 2. Nauchno-issledovatel'skiy  
institut maslo-zhirovoy promyshlennosti UkrSSR (for Abramzon).  
(Meat-Testing)

LUKIN, Yu.V., inzh.; MAKSAKOV, V.D., inzh.

Using impulse generators in welding low-alloy and low-carbon steels with UONI-13 electrodes. Rech. transp. 17 no.12:46-48 D '58.

(MIRA 12:1)

(Electric generators) (Electric welding)

LUKIN, Yu.V., inzh.; MAKSAKOV, V.D., inzh.

Rapid-action electromagnetic voltage regulators used for  
synchronous generators on ships. Sudostroenie 24 no.6:31-34  
Je '58. (MIRA 11:8)

(Voltage regulators)  
(Electric generators)

MAKSAKOV, V.D., inzh.

"Using a.c. in power systems" by A.D. Smorchkov. Reviewed by V.D.  
Maksakov. Elek. sta. 29 no.7:96 JI '58. (MIRA 11:10)  
(Electric power plants)  
(Smorchkov, A.D.)

LUKIN, Yu., insh.; MAKSAKOV, V.D., insh.

Automatic cutout of broken trolley wires. Bezop.truda v  
prom. 3 no.10:34 0 '59. (MIRA 13:2)  
(Electric switchgear)

LUKIN, Yu.V., inzh.; MAKSAKOV, V.D., inzh.

SMB-1 powered sea-going barge. Sudostroenie 25 no.12:5-6 D  
'59. (MIRA 13:4)  
(Barges)

3/094/60/000/001/001/003  
E194/E284

26.2190

AUTHORS: Lukin, Yu. V., (Engineer) and Maksakov, V. D.,  
(Engineer)

TITLE: An electrical liquid level indicator type  
УУ \* ЭК-56 (UZhEK-56)

PERIODICAL: Promyshlennaya energetika, 1960, No. 1, pp. 30-31

TEXT: Hitherto the liquid level in tanks has been measured by methods using floats, for example in combination with selsyns. These devices have a fairly complicated mechanical transmission, they are not very accurate and require a considerable number of cable cores. An electric indicator of liquid level type UZhEK-56 is now being used which does not suffer from these defects. It is intended for remote measurement of the level of water, crude oil, fuel oil, diesel fuel and lubricant in tanks. The electrical pick-up responds to hydrostatic pressure by altering in resistance. The pressure of the liquid flexes a membrane. The resulting change in resistance alters the current flowing in the bridge network of the measuring device so that the instrument pointer is deflected by an angle which is proportional to the change in pressure. The instrument is designed for supply at 24 V, d.c. or a.c. and takes Card 1/2

S/094/60/000/001/001/003  
E194/E284

An electrical liquid level indicator type UUZhEK-56  
a current of 100 mA. The main error of the instrument over the  
temperature range +20 to +5°C does not exceed  $\pm 4\%$  of the maximum  
reading. The pressure sensitive element weighs 2.3 kg and the  
measuring device 1.1 kg. Instruments are made for the ranges 0  
up to 0-10 metres of water. These instruments are now in mass  
production and are widely used in the shipbuilding industry.  
There are 3 figures, 1 table and 1 Soviet reference .

Card 2/2



MAKSAKOV, V.G.; SOBOL', A.F., redaktor; VOLKHOVER, R.S., tekhnicheskii  
redaktor.

[Continuous repair system for narrow-gauge locomotives used in the  
lumber industry] Tekushchii remont uskokoleinykh parovozov v les-  
zagotovitel'noi promyshlennosti. Moskva, Goslesbumizdat, 1953. 63 p.  
[Microfilm] (MLBA 7:12)  
(Locomotives--Repairs)

**MAKSAKOV, Vasilii Gavrilovich; SHUL'GA, N.I., redaktor; SAMSONOV, S.S.,  
redaktor; KARASIK, N.P., tekhnicheskii redaktor.**

[Operations of narrow-gauge locomotives in lumbering; aid to locomotive machinists] **Eksploatatsiia uskokoleinykh parovozov na lesozagotovkakh; v pomoshch' mashinistu parovoza. Moskva, Goslesbumizdat, 1954. 61 p. (MLBA 7:12)**  
(Locomotives)

TARASOV, Pavel Rodionovich; MAKSAKOV, V.G., red.; PLESKO, Ye.P.,  
red.izd-va; KUZNETSOVA, A.I., tekhn.red.

[Maintenance and repair of narrow-gauge locomotives of  
logging railroads] Remont uskkoleinykh parovozov na pred-  
priiatiskh lesnoi promyshlennosti. Moskva, Goslesbumizdat,  
1960. 219 p. (MIRA 14:4)

(Railroads, Narrow-gauge)  
(Locomotives--Maintenance and repair)

PANKRATOVA, A.M., redaktor; MAKSAKOV, V.V., professor.

Useful collection on the history of the Russian working class ("Labor movement in Russia in the 19th century" vol.3, 1885-1894. A.M.Pankratova, ed. Reviewed by V.V.Maksakov). Vest.AN SSSR 23 no.11:115-122 N '53.

(MLRA 6:12)

(Labor and laboring classes--History) (Pankratova, Anna Mikhailovna, 1897-

BELONOSOV, I.I.; BOBROVA, A.S.; KAS'YANENKO, G.P.; KOTIKOV, S.F.; KULINCHENKO, A.A.; SMIRNOVA, Yu.A. Primal uchastiye: MAKSAKOV, V.V., prof..  
KABANOV, P.I., prof., glavnyy red.; ANTROPOV, N.P., dotsent, red.;  
BAZAYEV, M.G., red.; VINOGRADOV, D.I., red.; VESELKINA, A.A., red.;  
SHADRINA, N.D., tekhn.red.

[Guide] Putevoditel'. No.1. 1958. 367 p. (MIRA 12:8)

1. Vsesoyuznyy tsentral'nyy sovet professional'nykh soyuzov. TSentral'nyy arkhiv. 2. Sotrudniki TSentral'nogo arkhiva Vsesoyuznogo tsentral'nogo soveta professional'nykh soyuzov (for Belonosov, Bobrova, Kas'yanenko, Kotikov, Kulinchenko, Smirnova).  
(Trade unions)

MAKSAKOV, V., zootekhnik

Using sugar beet tops for ensilage. Nauka i pered.op.v sel'khoz.  
9 no.8:23-25 Ag '59. (MIRA 12:12)

1. Khar'kovskiy zootekhnicheskiy institut.  
(Sugar beets) (Ensilage)

MAKSAKOV, V.Ya., aspirant

Surface ensilage of sugar beet leaves. Zhivotnovodstvo 21  
no.9:42-45 S '59. (MIRA 13:1)

1. Khar'kovskiy zootekhnicheskiy institut.  
(Sugar beets as feed) (Ensilage)

GORB, T.V., doktor sel'skokhoz.nauk; MAKSAKOV, V.Ya.

Effective compounds for breaking down oxalic acid in the ensilage of sugar beet tops. Dokl.Akad.sel'khoz,24 no.10:15-18 '59. (MIRA 13:2)

1. Khar'kovskiy zootekhnicheskiy institut. Predstavlena akademikom N.D.Potemkinym.  
(Oxalic acid) (Ensilage) (Sugar beets)



MAKSAKOV, V. Ya., Cand Agric Sci (diss) -- "The preparation of high-quality silage from the tops of sugar beets, and its use for feeding cattle".  
Khar'kov, 1960. 17 pp (Min Agric Ukr SSR, Khar'kov Zootech Inst), 150 copies  
(KL, No 15, 1960, 138)

GORB, T.V.; MAKSAKOV, V.Ya.

Effect of oxalate-rich rations on the mineral metabolism and some physiological indices in ruminants. Nauch. dokl. vys. shkoly; biol. (MIRA 14:11)  
nauki no.4:53-58 '61.

1, Rekomendovana kafedroy kormleniya sel'skokhozyaystvennykh zhitovnykh Khar'kovskogo zootekhnicheskogo instituta.  
(OXALIC ACID—PHYSIOLOGICAL EFFECT)  
(MINERAL METABOLISM) (CATTLE—PHYSIOLOGY)

MAKSAKOV, V.Ya., kand.sel'skokhoz.nauk

Obtaining high-quality silage from sugar beet tops. Visnyk sil'hosp.  
nauky 4 no.8:46-49 Ag '61. (MIRA 14:7)

1. Khar'kovskiy zooveterinarnyy institut.  
(Sugar beets) (Ensilage)

GORB, T. V. (Doctor of Agricultural Sciences) and MAKSAKOV, V. Ya. (candidate of Agricultural Sciences, Khar'kov Zooveterinary Institute).

"Effect of sugar beet tops upon the animal organism..."  
Veterinariya, vol. 39, no. 2, February 1962 pp. 66

SEMAK, I.L., kand.sel'skokhoz.nauk; MAKSAKOV, V.Ya., kand.sel'skokhoz.nauk;  
MOSOLOV, N.I., kand.sel'skokhoz.nauk

Summer fattening of young cattle on corn silage. Zhivotnovodstvo  
24 no.5:29-32 My '62. (MIRA 16:10)

1. Nauchno-issledovatel'skiy institut zhivotnovodstva lesostepi i  
Poles'ya UkrSSR.

SEMAK, I.L., kand. sel'khoz. nauk; MAKSAKOV, V.Ya., kand. sel'khoz. nauk; GROMOVA, A.V., red.

[Intensive fattening of cattle on succulent feeds] Intensivnyi otkorm krupnogo rogatogo skota na sochnykh kormakh. Moskva, Sel'khozizdat, 1963. 150 p.  
(MIRA 17:12)

MAKSAKOV, V.Ya.; MOSOLOV, N.I.; OLEYNIK, T.N.

Possibility of a direct-observation evaluation of cattle carcasses.  
Izv.vys.ucheb.zav.; pishch. tekhn. no.3:167-170 '63. (MIRA 16~~5~~8)

1. Nauchno-issledovatel'skiy institut zhivotnovodstva Lesostepi  
i Poles'ya UkrSSR.

(Meat industry)

MOSOLOV, N.I.; SEMAK, I.L.; MAKSAKOV, V.Ya.; US, L.A.

Effect of the type of feeding of young cattle on the thyrotropic and gonadotropic functions of the hypophysis. Nauch. dokl. vys. shkoly; biol. nauki no.1:79-83 '64. (MIRA 17:4)

1. Rekomendovana otdelom kormleniya sel'skokhozyaystvennykh zhitovnykh Nauchno-issledovatel'skogo instituta zhitovnovodstva Lesostepi i Poles'ya.



SEREBRYAKOV, Yuriy Ivanovich; YEFIMOV, A.P., otv. red.; MAKSAKOVA,  
A.I., red.

[Synchronization in television; lecture for students of the  
6th course of the Federation of Radio Sport and Broadcasting  
and in courses for improvement for auditors of qualifications]  
Sinkhronizatsiia v televidenii; lektsiia dlia studentov VI kur-  
sa FRSiV i slushatelei kursov povysheniia kvalifikatsii. Mo-  
skva, Vses. zaachnyi elektrotekhn. in-t sviazi, 1963. 27 p.  
(MIRA 17:4)

SEMENOV, N.A.; SEMENOV, V.V., *otv. red.*; MAKSAKOVA, A.I., red.

[Radiation of center-fed dipoles] *Izluchenie simmetrichnykh vibratorov; uchebnoe posobie po kursu "Antenny."*  
Moskva, Pt.2., ch.1. 1962. 61 p. (MIRA 16:4)

1. Vsesoyuznyy zaachnyy elektrotekhnicheskiy institut svyazi.

(Radio—Antennas) (Antennas (Electronics))  
(Microwaves)

SEMENOV, N.A.; SEMENOV, V.V., otv. red.; MAKSAKOVA, A.I., red.

(3)

[Matching of balanced vibrators and transmission lines]  
Soglasovanie simmetrichnykh vibratorov s fiderom; ucheb-  
noe posobie po kursu "Antenny." Moskva. Pt.2., ch.2.  
1962. 89 p. (MIRA 16:4)

1. Vsesoyuznyy zaachnyy elektrotekhnicheskiy institut  
svyazi.  
(Radio lines) (Microwaves)

SHIRSHOV, Yevgeniy Mikhailovich, YEFIMOV, A.P., otv. red.;  
MAKSAKOVA, A.I., red.;

[Applications of dynamic band compressors] Primenenie  
szhimatelei dinamicheskogo diapazona; uchebnoe posobie  
dlia slushatelei fakul'teta usovershenstvovaniia. Mo-  
skva, 1962. 52 p. (MIRA 16:11)

1. Vsesoyuznyy zaochnyy elektrotekhnicheskii institut  
svyazi.

(Radio)

PETROVICH, Nikolay Petrovich; KOKOTKIY, G.G., otv. red.;  
MAKSAKOVA, A.I., red.

[Communication channels with phase keying] Kanaly sviazi  
s fazovoi manipuliatsiei. Moskva, Red.-izd-skii otdel  
Vses. zaobnoogo elektrotekhn. in-ta sviazi, 1962. 61 p.  
(MIRA 17:8)

NECHUYATOVA, Nina Pavlovna; PETROV, B.S., red.; MAKSAKOVA, A.M.,  
red.izd-va; GRECHISHCHEVA, V.I., tekhn.red.

[Geographical distribution of the woodworking industry  
of the U.S.S.R.] Geograficheskoe razmeshchenie derevo-  
obrabatyvaiushchei promyshlennosti SSSR. Moskva, Gos-  
lesbumizdat, 1963. 286 p. (MIRA 17:2)

ZHARIKOV, V.A.; DYUZHKOVA, T.N.; MAKSAKOVA, E.M.

Flow effect in electrolytic solutions. Izv. AN SSSR. Ser.  
geol. 28 no.10:81-91 O '63. (MIRA 16:11)

1. Institut geologii rudnykh mestorozhdeniy, petrografii,  
mineralogii i geokhimi AN SSSR, Moskva.

ZHAREKOV, V.A.; DYUZHNIKOVA, T.V.; KUMBAKOVA, S.S.

Different filtration rate of anions and cations of solutions  
percolating through finely porous filters. Dokl. AN SSSR 141  
no.1:135-138 N '61. (MIRA 14:11)

1. Institut geologii rudnykh nestorozhdeniy, petro rafii,  
mineralogii i geokhimii.  
(Filters and filtration)



ZHARIKOV, V.A.; DYUZHKOVA, T.N.; MAK SAKOVA, E.M.

Experimental and theoretical studies of the filtration effect.  
Report No.1: Different filtration rate of cations and anions.  
Izv. AN SSSR. Ser.geol. 27 no.1:41-65 Ja '62. (MIRA 15:1)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii  
i geokhimii AN SSSR, Moskva.  
(Mineralogical chemistry)

MAKSAKOVA, T.A.

USSR .

Significance of the coating membrane of starch grains in relation to the properties of starch. M. I. Knyaginichev, Yu. R. Golzhovilus, and T. A. Maksakova. *Chemol. Inst. Food Ind., Leningrad, Izvestiya* 20, 110-22 (1969).—The coating membrane of potato starch grains can be destroyed at room temp. with dil. solns. of  $H_2SO_4$ ,  $HCl$ ,  $KMnO_4$  or by heating the dry starch to  $150^\circ$  without affecting the starch granules as such. Na salicylate in soln. enters into a complex with the starch. The adhesive properties of starch depend largely upon the outer coating of the grains. The degree of hydrolysis by  $\beta$ -amylase is the same in starch paste prepd. from starch with destroyed or original outer coating, indicating basic difference between the substance of the outer coatings and the amylopectin. The starch of the surface layers of the potato granules is not hydrolyzed by  $\beta$ -amylase in the course of time at the av. temp. B. S. Levine.

ZHEDEK, M.S.; KHMELYK, G.G.; MAKSAKOVA, V.A.; SHANYGINA, M.I.;  
VOLKOVA, G.M.

Stabilization of creamery butter by antioxidants. Report  
No.2: Effect of antioxidants on the keeping quality of butter  
manufactured by the continuous line method during prolonged  
storage. Izv. vys. ucheb. zav.; pishch. tekhn. no.6:59-63  
'63. (MIRA 17:3)

1. Khar'kovskiy zooveterinarnyy institut, kafedra khimii i  
kafedra tekhnologii zhivotnovodcheskikh produktov.

MAKSAKOVA, V. M.

USSR / Cultivated Plants. Potato. Vegetables. Melons. M-4

Abs Jour: Ref Zhur-Biol., 1958, No 16, 72981.

Author : Maksakova, V. M.  
Inst : Scientific-Research Institute of Vegetable Farms.  
Title : Use of Early-Maturing Tomato Varieties as a Mentor  
for Increasing Early Maturity of Plants.

Orig Pub: Byul. nauchno-tekhn. inform. N.-1. in-ta ovoshchn.  
kh-va, 1957, No 3, 17-18.

Abstract: In 1952-1954, at the Losinoostrovskiy Department of the Institute, the influence was studied of a rootstock-mentor of the "Shtambovy" dwarf 01185 early maturing variety and the late maturing "Biryuchekutskiy 20" on a sexual hybrid of the first generation of "Shtambovy" dwarf 01185 X "Biryuchekutskiy 20". Rootstocks were taken at age three months, grafts - at the stage of 3-4 leaves. Cleft

Card 1/2

USSR/Cultivated Plants Potatoes. Vegetables. Melons.

M-3

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29806

Author : Maksakova, V.M.

Inst : The Scientific Research Institute for Vegetable Raising.

Title : The Use of a Rapidly Ripening Tomato Variety as a "Mentor" to Increase Quick Ripening.

Orig Pub : Sad i ogorod, 1957, No 6, 14-16

Abstract : Month old sprouts from  $F_1$  of the tomato hybrids of Shtambolyy Karlik (dwarf) 01185 X Biryuchekutskiy 20 were used as the grafts, spliced onto 2-month old plants of the initial varieties. The generation from the graftings, as well as from the control ( $F_2$  was learned to be a sexual hybrid) were cultivated on open ground. The generation of grafts on the rapid-ripening stock (Shtambovy Karlik) was distinguished by the accelerated appearance of shoots,

Card 1/2

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MAKSAKOVA V. M.

USSR/Cultivated Plants - Potatoes, Vegetables, Melons.

M.

Abs Jour : Biol Zhur - Biol., No 10, 1958, 44118

Author : Maksakova, V. M.

Inst : -

Title : The Effect of Ecological Conditions on the Seed Offspring.

Orig Pub : Sad i ogorod, 1957, No 7, 22-23.

Abstract : At the experimental base of the Scientific Research Institute of Vegetable Farming the following combinations of tomato varieties were crossed: Shtamboviy karlik 01185 x Brekoday 15 and Shtamboviy karlik 01185 x Planoviy 904. The seeds  $F_1$  were sown on the Lesionovostrovskiy division (Moscow region) and at the Biruchskutsk experimental station (Rostovskaya Oblast).  $F_2$  Hybrids from the seeds of southern reproduction in the Moscow Oblast lagged with regard to the time of setting, formation and fruit ripening. Hybrids from the seeds of Moscow reproduction were

Card 1/2

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COUNTRY : USSR  
CATEGORY : Cultivated Plants. Potatoes, Vegetables, Cucurbits. M  
ABS. JOUR. : RZhBiol., No. 23 1958, No. 104698  
AUTHOR : Maksakova, V. N.  
INST. : Institute of Vegetable Farming  
TITLE : Development of Biological Characteristics in Tomatoes  
Under Different Conditions of Growing.  
ORIG. PUB. : Vestn. s.-kh. nauki, 1958, No. 3, 136-140  
ABSTRACT : In 1952-1954, at the Institute of Vegetable Farming, hybrid tomato plants of F<sub>1</sub> were raised with the basic application of N90P180K180 (1), N180P90K90 (2) and N90P90K90 (3). For 15 days, the seeds were kept 16 hours a day at the temperature of -2.5° and 8 hours at the temperature of 18° and 22°. The 12-day seedlings were grown in the daytime at the temperature of 9-12° and at night at 5-4°. Hybrids were obtained by crossing early-maturing cold resistant varieties (Shtambovyi karlik 01185, Gruntovyy Gribovskiy 01180) with the late-maturing warmth loving ones (Alisa 634, Biryuchekutskiy 20). The conditions of raising F<sub>1</sub> were reflected

Card: 1/3

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COUNTRY : M  
CATEGORY :  
ABS. JOUR. : Fiziol., No. 1958 No. 104698  
AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : in  $F_2$ . In the first variant, the sprouts emerged earlier; observed were an accelerated differentiation of the growth point, increase in the yield of fruits by up to 30%, a heightened activity of photosynthesis, hastening the ripening of the fruits, increase in the size of fruits, increase in vitamin C content and the total sugars. In the 2nd variant, a delay in blossoming and the ripening of fruits was noted. Increase in seed germination and the vigor of sprouting were observed with the hardening of the seeds. In growing the plants with the background

Card:2/2

COUNTRY :  
CATEGORY : M

ABS. JOUR. : RZhBiol., No. 1958, No. 104698

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : (1), the seeds germinated better at lowered temperatures. Morphological changes were observed only in F<sub>2</sub> in contrast to F<sub>1</sub>. With background (1), the number of plants with the stem form of the vine increased to 34%; with background (2), the number was reduced to 15 and with (3) to 23%. --I. N. Zaikina

Card: 3/3

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FILIPPOV, D.I.; KHARLAMP'YEVA, N.I.; MAKSAKOVA, V.M.; KHILKOVA,  
O.G.; IVANCHENKO, Ye.A.; ZHUKOVSKIY, D.I.; BORDUKOVA, M.V.;  
TAIROVA, V.N., red.

[Growing seed potatoes in the R.S.F.S.R.] Semenovodstvo kar-  
tofelia v RSFSR [By] D.I.Filippov i dr. Moskva, Sel'khoz-  
izdat, 1963. 166 p. (MIRA 17:6)

ILATOV PAYA, Tamara Aleksandrovna; MIKHA VA, Ye., red.

(Greetings to the followers of Archimedes! Notes on  
young Siberian scientists) Da zdravstuiut arkhimedy!  
Zametki o molodykh uchenykh Sibiri. Moskva, Molodaia  
gvardiia, 1963. 139 p. (MIRA 17:10)

MAKSAKOVA, Ye.N.

Modification of blood protein fractions and of the erythrocyte sedimentation rate in the dynamics of the rheumatic process in children. *Pediatrila* 39 no.2:26-31 Mr-Apr '56. (MLBA 9:8)

1. Iz kliniki detskogo revmatizma Nauchno-issledovatel'skogo instituta pediatrii Ministerstva zdravookhraneniya RSFSR (dir. kandidat meditsinskikh nauk V.N.Karachevtseva) i Klinicheskoy detskoy bol'nitsy (glavnyyvrach, zasluzhenny vrach RSFSR Ye.V. Prokhorovich)

(RHEUMATISM, in infant and child,  
blood proteins & sedimentation (Rus))  
(BLOOD PROTEINS, in various diseases,  
rhem. in child. (Rus))  
(BLOOD SEDIMENTATION, in various diseases,  
same)

MAKSAKOVA, Ye.N., kand.med.nauk; SAPOZHNIKOVA, R.G., kand.med.nauk

Clinico-hygienic observations on rheumatic patients attending  
public schools. *Pediatrics* 37 no.6:29-35 Je '59.  
(MIRA 12:9)

1. Iz Nauchno-issledovatel'skogo pediatricheskogo instituta  
(dir. - kand.med.nauk V.N.Karachevtseva) i Nauchno-issledovatel'-  
skogo sanitarnogo instituta imeni F.F.Erismana (dir. - kand.med.  
nauk A.Z.Belousov) Ministerstva zdravookhraneniya RSFSR.

(RHEUMATISM, in inf. & child.

educ. of rheum. child. in pub. schools (Rus))

MAKSAKOVA, Ye.N.; SACHKOV, V.I.

Titers of streptococcal antibodies, C-reactive proteins and the ~~diphenylamine~~ test in rheumatism in children. Vop. okh. mat. i det. 7 no.5:34-39 My '62. (MIRA 15:6)

1. Iz detskogo klinicheskogo otdeleniya (rukovoditel' - doktor meditsinskih nauk A.V. Dolgoplova) i mikroimmunologicheskoy laboratorii (rukovoditel' - kand.med.nauk V.I. Sachkov) Nauchno-issledovatel'skogo instituta revmatizma (dir. - deystvitel'nyy chlen AMN SSSR prof. A.I. Nesterov).  
(RHEUMATIC FEVER) (ANTISTREPTOLYSINS)  
(DIPHENYLAMINE) (PROTEINS)

MAKSAKOVA, Ye.N., kand.med.nauk

Diphenylamine reaction in rheumatism in children. *Pediatrics*  
no.8:49-54 '62. (MIRA 15:10)

1. Iz detakogo klinicheskogo otdeleniya (rukovoditel' - doktor  
meditsinskikh nauk A.V.Dolgopolova) Gosudarstvennogo nauchno-  
issledovatel'skogo instituta revmatizma ( dir. - deystvitel'nyy  
chlen AMN SSSR prof. A.I.Nesterov).

(RHEUMATIC FEVER)

(MUCOIDS)

(DIPHENYLAMINE)



MAKSAKOVA, Ye.N., kand. med. nauk

Work of rheumatological institutions for children in Bulgaria.  
Vop. revm. 2 no.4:88-89 O-D'62 (MIRA 17&4)

DOLGOPOLOVA, A.V., doktor med.nauk; MAKSAKOVA, Ye.N., kand.med.nauk

"Rheumatic fever in children". Reviewed by A.V.Dolgopolova,  
E.N.Maksakova. Vop.revm. 3 no.1:89-92 Ja-Mr '63. (MIRA 16:4)

(RHEUMATIC FEVER)

MAKSAKOVA, Ye.N.; SHISHALOVSKAYA, O.S.

Importance of electrophoretic determination of the glycoproteins  
and lipoproteins of blood serum in children with rheumatic fever.  
Vop.rev.m. 3 no.1:47-53 Ja-Mr '63. (MIRA 16:4)

1. Iz detskogo klinicheskogo otdeleniya (zav. - doktor med.nauk  
A.V.Dolgopolova) Instituta revmatizma (dir. - deystvitel'nyy  
chlen AMN SSSR prof. A.I.Nesterov) AMN SSSR.  
(BLOOD PROTEINS) (RHEUMATIC FEVER) (PAPER ELECTROPHORESIS)

MEDVEDEV, D.D., kand.tekhn.nauk; MAKSAKOVA, Ye.N., inzh.

Classification of large marine diesel parts for group machining.  
Sudostroenie 28 no.7:52-53 J1 '62. (MIRA 15:8)  
(Marine diesel engines) (Gear cutting)

SHEVCHENKO, M.A., doktor tekhn.nauk, prof.; MAKSAKOVA, Ye.N., inzh.

Contour grinding of coned hobbing cutters used in milling semi-palloid gear wheels. Vest.mashinostr. 44 no.12:59-61 D '64.  
(MIRA 18:2)

MAKSAKOVSKIĬ, V.

Dunai i Odra - vodnye magistrali stran narodnoi demokratii Evropy. <sup>√</sup>The Danube and the Oder- the water arteries of the people's democracies of Europe/. (Geografiia v shkole, 1950, no. 5, p. 26-38. The Oder-Danube Canal. illus., map). DLC: G1.G313

SO: Soviet Transportation and Communication, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

MAKSAKOVSKIY, V.P.; VITVER, I.A., doktor geograficheskikh nauk, redaktor.

[Construction projects of socialism in European people's democracies]  
Stroiki sotsializma v evropeiskikh stranakh narodnoi demokratii. Moskva,  
Gos. izd-vo geogr. lit-ry, 1952. 197 p. (MLBA 6:5)  
(Europe, Eastern--Public works)

MAKSAKOVSKIY, V.,

Tirana

Industrial Tirana. Vokrug sveta no. 2, 1952.

MONTHLY LIST OF RUSSIAN ACCESSIONS. Library of Congress, April 1952. UNCLASSIFIED.



MAKSAKOVSKIY, V.P.

Transformation of nature in the Danube valley regions of Rumania and Bulgaria.  
(MLRA 6:7)  
Vop.geog. vol.29:73-96 '52.

(Danube valley--Economic conditions)

1. MAKSAKOVSKIY, V.

2. USSR (600)

4. Maksakovskiy, V.

7. Book about the wonderful construction projects of socialism. ("Construction projects of socialism in the European people's democracies." V. Maksakovskiy.) Reviewed D. Bocharov. *Vokrug sveta*, no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

MAKSAROVSKIY, V. P.

MAKSAROVSKIY, V. P. --"Fuel Industry of the European People's Democracies (Structural and Geographic Shifts)." \*(Dissertations for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions) Moscow Order of Lenin and Order of Labor Red Banner State University N. V. Lomonosov, Geography Faculty, Moscow, 1955

SO: Knizhnaya Litsiia. No. 25, 14 Jun 55

\* For Degree of Candidate in Geographical Sciences

MAKSAKOVSKIY, V.

Petroleum industry of Rumania. Geog. v shkole 19 no.2:18-23  
Mr-Apr '56. (Rumania--Petroleum industry) (MLRA 9:7)

MAKSAKOVSKIY, V.P.

~~Through the cities of Czechoslovakia. Geog. v shkole 20 no.1:15-28~~  
Ja-P '57. (MLRA 10:3)  
(Czechoslovakia--Description and travel)

MAKSAKOVSKIY, Vladimir Pavlovich; LAVRENT'YEVA, Ye.V., red.; POPOVA,  
V.I., mladshiy red.; KISHLEVA, Z.A., red.kart; KOSHELEVA, S.M.,  
tekhn.red.

[The Danube] Dunai. Moskva, Gos.izd-vo geogr.lit-ry, 1959.  
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(Danube River)

ALAMPIYEV, P.M.; VITYAZEVA, V.A.; LISTENGURT, F.M.; MAKSAKOVSKIY, V.P.;  
POKSHISHEVSKIY, V.V., prof.; SOLOV'YEVA, M.G., dotsent;  
LYALIKOV, N.I., dotsent, red.; ZAK, A.L., tekhn.red.

[Economic geography; toponymy. Collected articles] Ekonomicheskaya  
geografiya: Toponimika; sbornik statei. Moskva, 1960. 169 p.  
(MIRA 14:2)

1. Moscow. Moskovskiy gosudarstvennyy pedagogicheskiy institut.  
Geografo-biologicheskiy fakul'tet.  
(Geography, Economic)  
(Europe, Eastern--Names, Geographical)

MAKSAKOVSKIY, Vladimir Pavlovich; YEROFEYEV, I.A., red.; TYUTYUNNIK, S.G.,  
red. kart; TSYFFO, R.V., tekhn. red.

[The largest industrial enterprises of Poland, Czechoslovakia,  
and the German Democratic Republic; textbook for teachers]  
Krupneishie promyshlennye ob"ekty Pol'shi, Chekhoslovakii, GDR;  
posobie dlia uchitelei. Moskva, Uchpedgiz, 1961. 162 p.  
(MIRA 15:6)

(Poland--Industries) (Czechoslovakia--Industries)  
(Germany, East--Industries)



MAKSAKOVSKIY, V.F.

Largest new construction projects of Poland and Czechoslovakia.  
Geog. v shkole 24 no.4:19-29 J1-Ag '61. (MIRA 14:8)  
(Poland--Industries) (Czechoslovakia--Industries)

MAKSAKOVSKIY, V.P.

Toponymy in the institutions of higher learning. Izv. AN SSSR.  
Ser. geog. no.4:133-134 J1-Ag '62. (MIRA 16:5)  
(Names, Geographical) (Geography--Study and teaching)

MAKSAKOVSKIY, Vladimir Pavlovich, kand. geogr. nauk; DESHKOV, S.I.,  
red.; NAZAROVA, A.S., tekhn. red.

[The Great Danube] Bol'shoi Dunai. Moskva, Izd-vo "Znanie,"  
1963. 47 p. (Novoe v zhizni, nauke, tekhnike. XII Seria:  
Geologiya i geografiya, no.12) (MIRA 16:6)  
(Danube Valley--Economic geography)

MAKSAKOVSKIY, V.P.; STROYEV, K.F.; GRIN, M.F.; KIBAL'CHICH, O.A.; MASHBITS,  
Ya.G.; ROZIN, M.S.

Nikolai Pavlovich Nikitin; on his 70th birthday. Izv.Vses.geog.ob-va  
95 no.3:270 My-Je '63. (MIRA 16:8)  
(Nikitin, Nikolai Pavlovich, 1893-)

MAKSAKOVSKIY, V.P.--

Hungarian impressions. Geog. v shkole 26 no.6:11-20 N-D '63.  
(MIRA 17:1)

1. Moskovskiy gosudarstvennyy pedagogicheskiy institut imeni  
V.I. Lenina.

MAKSAKOVSKIY, V.P.

A fundamental work on the economic geography of Czechoslovakia.  
Izv. AN SSSR, Ser. geog. no.3:123-125 '64. (MIRA 17:6)

MAKSANOV, S.A.

New developments in the operations of the cultural and educational institutions of the Buryat A.S.S.R. during the period of the large-scale building of communism. Kraeved. sbor. no.7:93-102 '62.

(MIRA 16:8)

(Buryat A.S.S.R.—Culture)

AUTHOR: Maksapetyan, G.V. SOV/113-58-12-15/17

TITLE: ~~\_\_\_\_\_~~ The Reduction of the Noxious Effect of Waste Gases of Automobile Engines (Umen'sheniye vrednogo deystviya otrabotavshikh gazov avtomobil'nykh dvigateley)

PERIODICAL: Avtomobil'naya promyshlennost', 1958, Nr 12, pp 40-43 (USSR)

ABSTRACT: The chemical composition of waste gases depends on the type of engine and its operating condition (see Table) [Ref 2]. During idling, the quantity of noxious components increases 5 times, compared to normal conditions. Braking with the motor, i. e. forced idling, raises the content of carbon monoxide in the waste gases 10 times. In the USA, ceramic covers are applied to the pistons, which serve as catalysts. Their effect, however, is insignificant during idling. Freezing of the waste gases is possible, but not practicable under normal conditions. The gases are often mixed with air, to dilute them (Figure 1) [Ref 3]. The injection of chemical substances which form less noxious compounds, is feasible only together with catalysts, but these are

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SOV/113-58-12-15/17

The Reduction of the Noxious Effect of Waste Gases of Automobile Engines

often poisoned by the waste gases. A catalytic silencer has been developed in England (Figure 2) [Ref 2]. This device reduces the carbon monoxide content by 81-96 %. Other foreign devices are cited. Figure 5 shows a retarder which stops the fuel supply during forced idling. It is especially useful in mountainous areas. It is recommended to use either a retarder or a device for complete burning, to reduce the content of noxious gases in waste gases. There are 6 diagrams, 1 table, and 4 references, 2 of which are Soviet and 2 English.

Card 2/2

MAKSAPETYAN, G.V.

Modeling in thermal calculation of motor-vehicle brake gears  
(Report 1). Izv. AN Arm. SSR. Ser. tekhn. nauk 18 no. 5:14-20 '65.  
(MIRA 18:12)

1. Yerevanskiy politekhnicheskii institut imeni Marksa.  
Submitted July 1, 1965.

*Maksarev Yu. Ye.*

117-58-7-1/25

**AUTHOR:** Maksarev, Yu.Ye., Chairman of the Scientific-Technical State Committee of the **USSR Council of Ministers**

**TITLE:** Technical Progress in USSR Industry (Tekhnicheskiy progress v promyshlennosti SSSR)

**PERIODICAL:** Mashinostroitel', 1958, Nr 7, pp 1-10 (USSR)

**ABSTRACT:** The article presents a general review of progress in the Soviet metallurgical, coal, oil, gas chemical, machine building industries and power engineering. The progress is illustrated by comparative production figures in percentage as well as in absolute production figures, and general characteristics of new equipment and new production methods, as for instance in metallurgy the sizes of new blast and open hearth furnaces, the use of oxygen in steel melting processes, the "continuous-pouring" method (obtaining rolled steel billets directly from liquid steel, without the processes of casting into molds and rolling the ingots in blooming mills) and the economy it has brought to the plant "Krasnoye Sormovo" employing it, etc. The information is in places accompanied by comparisons with the USA (the coefficient of the utilization of the useful volume of blast furnaces, the size of open hearth furnaces, work rate

Card 1/2

Technical Progress in USSR Industry

117-58-701-25

at the coal face in coal mines, speed of oil well drilling (gas production). It is mentioned that the Soviet government has established a prize for the development and putting into use of new machines, equipment and technologic processes, and that the Sovnarkhozes have large monetary funds for this purpose.

ASSOCIATION: Gosudarstvennyy nauchno-tekhnicheskiy komitet Soveta ministrov SSSR (Scientific-Technical State Committee of the Council of Ministers, USSR)

**1. Industry-USSR**

Card 2/2

MAKSAREV, Yu.

Toward the summits of technological progress. Sov.profsoiuzy  
6 no.8:7-12 JI '58. (MIRA 11:9)

1.Predsedatel' Gosudarstvennogo nauchno-tehnicheskogo Soveta Ministrov  
SSSR.

(Russia--Industries)

25(0)

SOV/112-59-4-7448

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 4, p 142 (USSR)

AUTHOR: Maksarev, Yu.

TITLE: ~~Comprehensive~~ Mechanization and Automation Are the Main Trends of Technical Progress

PERIODICAL: Kommunist, 1958, Nr 10, pp 35-46

ABSTRACT: Bibliographic entry.

Card 1/1

25(5)

PHASE I BOOK EXPLOITATION

SOV/2255

Maksarev, Yuriy Yevgen'yevich, Chairman, State Scientific and Technical Committee of the Council of Ministers of the USSR.

Tekhnicheskii progress promyshlennosti SSSR v 1959 - 1965 godakh (Technological Progress of USSR. Industry in 1959 - 1965) Moscow, Izd-vo "Znaniye," 1959. 44 p. (Series: Vsesoyuznoye obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znaniy. Seriya IV, 1959, Nr 13) 52,500 copies printed.

Sponsoring Agency: Vsesoyuznoye obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znaniy.

Ed.: T. F. Islankina; Tech. Ed.: L. Ye. Atroshenko.

PURPOSE: This booklet is intended for the general reader.

COVERAGE: This booklet contains a revised stenographic transcript of a lecture presented at the Vsesoyuznoye obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znaniy (All-Union Society for the Dissemination of Political and Scientific Knowledge), in Moscow. It outlines the program for the development of the national economy to be fulfilled during the Seven Year Plan, with emphasis on heavy industry. The present status of the main branches of Soviet industry and their aims for 1959-1965 are briefly reviewed. Special attention

Card 1/3

Technological Progress of USSR. (Cont.)

SOV/2255

is given to electrification of the country and the introduction of over-all mechanization and automatization of production processes. N. M. Zazorin, Engineer, participated in the revision of the transcript. There are 9 Soviet references.

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Technological Progress of USSR. (Cont.)

SOV/2255

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AVAILABLE: Library of Congress

Card 3/3

JG/mg  
10-1-59

MAKSAREV, Yuriy Yevgen'yevich; FEDCHENKO, V., red.; GALKIN, A.,  
tekhn. red.

[New technical achievements ; are new victories; talks on  
technical development during the seven-year plan] Novaia  
tehnika - novye pobedy; besedy v tekhnicheskome progreasse  
v semiletke. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia,"  
1959. 60 p. (MIRA 12:9)

1. Predsedatel' Gosudarstvennogo nauchno-tekhnicheskogo komi-  
teta pri Sovete Ministrov SSSR (for Maksarev).  
(Technology) (Chemical industries)

MAKSAREV, Yu.

Technological progress is the most important prerequisite for fulfilling the seven-year plan. NTO no.1:11-15 Ja '59.

(MIRA 12:2)

1. Predsedatel' Gosudarstvennogo nauchno-tekhnicheskogo komiteta Soveta Ministrov SSSR.

(Research, Industrial)

USKOV, A.A.; MIKHAYLOV, O.A.; KRASIVSKIY, S.P.; KMETIK, P.I.; KUDINOV,  
N.A.; ZASORIN, N.M.; MAKSAREV, Yu.Ye., red.; MAKSIMOV, I.S.,  
red.; GERASIMOVA, Ye.S., tekh.red.

[Technological progress in the U.S.S.R., 1959-1965] Tekhni-  
cheskii progress v SSSR, 1959-1965. Moskva, Gosplanizdat,  
1960. 258 p. (MIRA 13:12)

(Technology)

S/002/60/000/008/001/002  
C111/C222

**AUTHOR:** Maksarev, Yu.Ye., Deputy-Chairman of the State Scientific-  
Technical Committee of the Cabinet Council of the USSR

**TITLE:** State and Perspectives of the Mechanisation of Works of Projection,  
Construction and Technological Works

**PERIODICAL:** Vestnik statistiki, 1960, No.8, pp. 17-29.

**TEXT:** In the further development of political economy provided by the 7 years plan a rigorous mechanization of the works of construction and projection was agreed. The constructors etc. have to be well acquainted with the mechanization, the formulas must permit an application of computers, all methods must be made suitable for computers, the bureaus of construction must have own computers or must give their calculations to computing centers, The application of analog computers is recommended especially there where the methods of numerical analysis are difficult to apply; the electronic computer "Ural" is recommended. The use of the different kinds of punch in the planning and administration as well as of the controlling devices in industry for a mechanization of technological processes is suitable. A uniform system for the production, reproduction and recording of the drawings, projects and plans must be developed.

Card 1/1

MAKSAREV, Yu.

Important stage on the way toward faster technical development. NFO 2 no.1:5-8 Ja '60. (MIRA 13:5)

1. Pervyy zamestitel' predsedatelya Gosudarstvennogo nauchno-tekhnicheskogo komiteta Soveta Ministrov SSSR.  
(Technological innovations)

MAKSAREV, Yu.

An important condition for speeding technological development.  
NFO 2 no.8:15-17 Ag '60. (MIRA 13:10)

1. Zamestitel' predsedatelya Gosudarstvennogo nauchno-tekhnicheskogo  
komiteta Soveta Ministrov SSSR.  
(Office equipment and supplies)

MAKSAREV, Yu.Ye.

Innovators help agriculture. Izobr.i rats no.10:1-2  
0 '62. (MIRA 15:9)

1. Predsedatel' Komiteta po delam izobreteniy i otkrytiy  
pri Sovete Ministrov SSSR.  
(Agricultural machinery--Technological innovations)



MAKSAREV, IU. [Maksarev, Yu]

Invention and rationalization movement in the U.S.S.R in the  
new stage. Ratsionalizatsia 14 no.6:4-5 '64

1. Chairman, State Committee for Inventions and Innovations of  
the U.S.S.R.

MAKSAREV, Yu.Ye.

Keep up the patent purity of standards. Standartizatsiia  
28 no.10:17-18 O '64. (MIRA 17:12)

1. Predsedatel' Gosudarstvennogo komiteta po delam izobreteniy  
i otkrytiy SSSR.

L 45609-66 EWT(d)/EWT(l)/EWT(m)/EWP(w)/T/EWP(t)/ETI IJP(c) JD

ACC NR: AP6013107 (A) SOURCE CODE: UR/0173/65/018/005/0014/0020

AUTHOR: Maksapetyan, G. V.

66  
B

ORG: Yerevan Polytechnical Institute im. K. Marx (Yerevanskiy politekhnicheskiy institut)

2/

TITLE: Simulation in thermal calculations of automobile braking systems (report 1)

SOURCE: AN ArmSSR. Izvestiya. Seriya tekhnicheskikh nauk, v. 18, no. 5, 1965, 14-20

TOPIC TAGS: dimension analysis, mathematic model, vehicle component, vehicle braking system, ~~automotive industry~~, HEAT TRANSFER COEFFICIENT, FRICTION

ABSTRACT: A <sup>16</sup> mathematical model is proposed for analyzing thermal conditions in automobile brake systems with regard to friction between the drum and shoe. Formulas are given for determining the heat absorbed and radiated by the brake components in terms of their parameters and the difference between brake temperature and ambient temperature. These formulas are used as the basis for calculating the heat transfer coefficient. Dimensional analysis is used for setting up an expression relating thermal conditions to the operating conditions of the braking system and the design parameters of the brake. This formula is entirely theoretical and experimental data are required to determine the final form of the expression and the numerical values of the coefficients. Stand tests for braking at constant intensity show that the temperature of brake linings stabilizes within 8-12 minutes with little change after this period. Orig. art. has: 2 figures, 14 formulas.

SUB CODE: 13/ SUBM DATE: 01Jul65/ ORIG REF: 007

Card 1/1 *sla*

MARSHALL, T. G.

MARSHALL, T. G. - "Investigation of the Solubility of Chlorinated Organic Liquids." Ph.D. Thesis, University of Virginia, Chemistry Faculty, 1955. (Discontinued and a degree of Doctorate in Chemical Sciences)

See; Enrichment Material, No. 1, 1960

AUTHORS: Panchenkov, G. M., Maksareva, T. S. 76-32-4-31/43

TITLE: Methods and Techniques of Physicochemical Investigations  
(Metody i tekhnika fiziko-khimicheskogo issledovaniya)  
An Optical Micromethod for the Determination of the Coefficients  
of Diffusion of Liquids (Opticheskiy mikrometod opredeleniya  
koeffitsiyentov diffuzii v zhidkostyakh)

PERIODICAL: Zhurnal Fizicheskoy Khimii, 1958, Vol. 32, Nr 4,  
pp. 922 - 929 (USSR)

ABSTRACT: The method according to I. V. Obreimov (Reference 1) was  
selected for these investigations; it is, in principle, based  
on the phenomenon of a diffraction at the end of a plane  
parallel lamella which is immersed into the liquid. By diffusion  
a concentration gradient forms in the liquid and thus a change  
of the coefficient of calculation of a parallel light beam  
occurs which penetrates the liquid; on this occasion a corre-  
sponding diffraction image is obtained which has light and dark  
spots in the vertical. The calculation of the diffusion coeffi-  
cient was carried out according to the calculation formula by  
Ya. P. Gokhshteyn (Reference 2) while the positions of the

Card 1/3

76-32-4-31/43

Methods and Techniques of Physicochemical Investigations. An Optical Micro-method for the Determination of the Coefficients of Diffusion of Liquids

diffraction places were determined by means of tables of error integrals and a formula. From the description of the apparatus can, among other, be seen that a micromethod according to G. M. Panchenkov and I.I. Levina (Reference 3) was used for the determination of the diffraction, the apparatus consisting of the diffusion cell having two bulbs, a thermostat and a light source with an optical system, as well as a camera. Diagrams and pictures are given. The specifically heavy liquid is put into a bulb, and a special method of measurement is given for the determination of the difference of wave lengths for each individual pair of liquids and for every temperature. Some determinations of different pairs of liquids were carried out at 10-80°C; as example o-xylene-mesitylene is given at 20°C, in which case for  $D = 0,869 \text{ cm}^2/24^h$  was obtained, while the diffusion coefficient for potassium chloride 0,1 N-water of  $1,565 \text{ cm}^2/24^h$  (lit.  $1,586 \text{ cm}^2/24^h$ ) coincides well with the one mentioned in references. Calculation tables are given. There are 7 figures,

Card 2/3

76-32-4-31/43

Methods and Techniques of Physicochemical Investigations. An Optical Micro-method for the Determination of the Coefficients of Diffusion of Liquids

2 tables and 5 references, 3 of which are Soviet.

ASSOCIATION: Moskovskiy gosudarstvenny universitet im. M. V. Lomonosova  
(Moscow State University imeni M. V. Lomonosov)

SUBMITTED: December 10, 1956

AVAILABLE: Library of Congress

1. Liquids--Diffusion 2. Diffusion--Mathematical analysis

Card 3/3

5(4)

AUTHORS:

Panchenkov, G. M., Maksareva, T. S.,  
Yerchenkov, V. V.

SOV/76-32-12-20/32

TITLE:

The Temperature Dependence of the Diffusion Coefficients  
of Some Organic Liquids (Temperaturnaya zavisimost' koeffitsiyen-  
tov difuzii nekotorykh organicheskikh zhidkostey)

PERIODICAL:

Zhurnal fizicheskoy khimii, 1958, Vol 32, Nr 12,  
pp 2787 - 2791 (USSR)

ABSTRACT:

The diffusion coefficients at various temperatures were determined  
by the diffraction micro method for the pairs of liquids:  
a) o-xylene-p-xylene, b) o-xylene-mesitylene, and c) 1.36 m  
solution of p-dichlorobenzene in chlorobenzene-chlorobenzene.  
Based on the variations of density and viscosity in relation  
to the temperature found for the individual components,  
the values for the diffusion coefficients were calculated  
and compared with those found experimentally. Divergencies  
remain within the limit of error. There is an approximate  
exponential dependence between diffusion coefficient and  
temperature.

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The Temperature Dependence of the Diffusion  
Coefficients of Some Organic Liquids

SOV/76-32-12-20/32

There are 1 figure, 7 tables, and 10 references, 4 of  
which are Soviet.

SUBMITTED: June 5, 1957

Card 2/2

MAKSAREVA, T. S.

Use of artificial tars to eliminate water inflows into holes  
in air or gas drilling. Izv. vys. ucheb. zav.; geol. 1 razv. 5  
no.10:140-144 0 '62. (MIRA 16:1)

1. Moskovskiy geologorazvedochnyy institut imeni Ordshonikidze.

(Boring—Equipment and supplies)

Y. ZHUKOV, A. S. ... M. ...

... in oil well ...  
no. 311-111 ...

1. ...

ZELENOV, K.K.; COXIN, A.V.; MARCAREVA T.I.; FOXEYEV, V.M.

Characteristics of the chemical composition of acid solutions using  
sea water. Izv. vuz. khim. tekhn. nauch. i inzh. 8 no. 3:120-  
122 S 1965. (MIRA 18:9).

L. Moskovskiy geologicheskii institut imeni S. Ordzhonikidze.