OSMINKIN, K.N., starshiy tekhnik.

Universal table template for electric welding of metal frameworks (V.I. Shilov's innovation). Avtog. delo 24 no.6:24-25 Je '53. (MLRA 6:5)
(Electric welding)

KISELEV, I.K., inzhener; OSMINKIN, K.N.

Work of a mixed brigade in organizing a stamping section for sequence operation. Vest.mash. 33 no.6:60-65 Je '53. (MLRA 6:6)
(Punching machinery) (Forging)

OSMINKIN, K.N.

Substituting polyvinyl chloride packing cups for leather ones. Vest.mash. 33 no.10:94 O '53. (MLRA 6:10)

(Packing (Mechanical engineering))

USSR/ Engineering - Calibrating devices

Card 1/1 : Pub. 128 - 24/38

Authors : Osminkin, K. N.

Title : Fixture for marking divisions on circular scales

Periodical : Vest. mash. 9, page 81, Sep 1954

Abstract : The article illustrates and describes a fixture mounted on a screw press for marking divisions on circular scales. The incorporation of this fixture decreases the production cost by 1100%, and the time of manufacture by 600%. Drawings.

Institution : .....

Presented by: Economist P. N. Chistyakov

DORONIN, N.A.; OSMINKIN, K.N.; SUKHOV, I.V., inzh., red.; KLOPOVA, T.B., tekhn.red.

[Device for straightening and stacking flat pressed parts] Prisposoblenie dlia rikhtovki i ukladki v pachki shtampovannykh ploskikh detalei. Leningrad, 1955. 4 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Informatsionno-tekhnicheskii listok, no.91(779)) (MIRA 10:12)

(Power presses--Attachments)

Osminkin, K. N.

DOROSIK, N.A.; OSMINKIN, K.N.

Mechanization of straightening and stacking of transformer plates following stamping. Stan. i instr. 26 no.10:29-30 O'55.
(Sheet-metal work) (MIRA 9:1)

OSMINKIN, K. N.

USSR/ Engineering - Machinery

Card 1/1 Pub. 128 - 26/35

Authors : Osminkin, K. N.

Title : Device for catching and carrying away shavings

Periodical : Vest. mash. 35/3, 81 - 82, Mar 1955

Abstract : The working of an attachment is described, which can be put on a machine for catching and removing shavings and dust from metal that is being machined, thus protecting the health and improving the working conditions of the operator. Illustrations.

Institution : .....

Submitted : .....

SOV/112-57-9-18289

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1957, Nr 9, p 20 (USSR)

AUTHOR: Osminkin, K. N.

TITLE: Pressure Chamber for Electric-Strength Testing of Fixed Capacitors (Barokamera dlya ispytaniya na elektricheskuyu prochnost' kondensatorov postoyannoy yemkosti)

PERIODICAL: Inform.tekhn sb. M-vo radiotekhn prom-sti SSSR, 1955, Nr 6 pp 9-11

ABSTRACT: General appearance and construction sketch are presented of a cylindrical (500 mm diameter, 850 mm long) pressure chamber intended for breakdown testing of 1,800 μμf capacitors under a residual pressure of 190 mm mercury column. A voltage of 10 kv is used for testing. The chamber houses 9 test platforms: 6 with 18 capacitors each and 3 with 36 capacitors each The vacuum pump is driven by a 1-kw, 930-rpm electric motor The test lasts 2 minutes. The chamber is equipped with a viewing window

V T R

Card 1/1

PROCESSES AND PROPERTIES INDEX

5

16

Drying by Infra-Red Rays. K. P. Chernikin and A. F. Buzmakurova. (Przegląd Techniczny, 1956, July-Aug., pp. 383-384). (In Polish). The description of an infra-red ray drying installation for painted metal articles is given.—V. O.

METALLURGICAL LITERATURE CLASSIFICATION

Translation from: Referativnyy zhurnal Elektrotekhnika 1957 Nr 5 p 164 [illegible]

AUTHOR: Osminkin, K. N.

TITLE: Thermocontroller for Presses (a suggestion by N N Kalinkin) (Termoregulyator k pressam /predlozheniye N N Kalinkina/)

PERIODICAL: Obmen opytom M-vo radiotekhn prom sti SSSR 1955, Nr 3, pp 13-17

ABSTRACT: A relay-operated thermocontroller is suggested for maintaining temperature in the heating elements of pressmolds, drying chambers [illegible] tanks, thermostats, electrolytic baths, etc Temperature changes of a heating element are sensed by a dilatometer that comprises copper tubing and a steel rod The temperature range is 50 to 180°C The controller can be reset for an extended temperature range up to 250°C The minimum sensitivity of the controller is 50°C A light-type electric soldering iron is also suggested Four illustrations.

F M B

Card 1/1

SHEYNIN, Viktor Mikhay[illegible], kand. tekhn.nauk, retsenzent; [illegible] retsenzent; GINEVSKIY, A.S., kand. tekhn. nauk, red.; [illegible] VA, F.B., red.izd-va; ORESHKINA, [illegible] tekhn. red.

[Weight and transportation efficiency of passenger planes] Vesovaia i transportnaia effektivnost' passazhirskikh samoletov. Moskva, Oborongiz, 1962. 1962 p. (MIRA 16:10)
(Airplanes)

OS'MININ, Yu.P.

Heat capacity of liquid alkali metals. Inzh.-fiz. zhur. 6 no.4: 75-77 Ap '63. (MIRA 16:5)

1. Vsesoyuznyy zaochnyy energeticheskiy institut, Moskva.
(Alkali metals--Thermal properties)

OS'MININ, Yu.P.

Thermophysical properties of molten metals. Inzh.-fiz. zhur. no.2:108-112 F '62. (MIRA 15:1)

1. Vsesoyuznyy zaochnyy energeticheskiy institut, Moskva.
(Liquid metals--Thermal properties)

21(4) PHASE I BOOK EXPLOITATION SOV/2583

International Conference on the Peaceful Uses of Atomic Energy. 2nd, Geneva, 1958.

Doklady sovetskikh uchenykh; yadernyye reaktory i yadernaya energetika. (Reports of Soviet Scientists; Nuclear Reactors and Nuclear Power) Moscow, Atomizdat, 1959. 707 p. (Series: Its: Trudy, vol. 2) Errata slip inserted. 8,000 copies printed.

General Eds.: N.A. Dollezhal, Corresponding Member, USSR Academy of Sciences, A.K. Krasin, Doctor of Physical and Mathematical Sciences, A.I. Leypunskiy, Member, Ukrainian SSR Academy of Sciences, I.I. Novikov, Corresponding Member, USSR Academy of Sciences, and V.S. Fursov, Doctor of Physical and Mathematical Sciences; Ed.: A.P. Alyab'yev; Tech. Ed.: Ye. I. Mazel'.

PURPOSE: This book is intended for scientists and engineers engaged in reactor designing, as well as for professors and students of higher technical schools where reactor design is taught.

COVERAGE: This is the second volume of a six-volume collection on the peaceful use of atomic energy. The six volumes contain the reports presented by Soviet scientists at the Second International Conference on Peaceful Uses of Atomic Energy, held from September 1 to 13, 1958 in Geneva. Volume 2 consists of three parts. The first is devoted to atomic power plants under construction in the Soviet Union; the second to experimental and research reactors, the experiments carried out on them, and the work to improve them; and the third, which is predominantly theoretical, to problems of nuclear reactor physics and construction engineering. Yu. I. Koryakin is the science editor of this volume. See SOV/2081 for titles of all volumes of the set. References appear at the end of the articles.

PART II. EXPERIMENTAL AND RESEARCH REACTORS

PART III. PHYSICS AND ENGINEERING OF REACTOR DESIGN

STOYUSHKIN, I.A., kand. sel'skokhoz. nauk; Prinimali uchastiye: SHTANCHEYEV, M.G., mladshiy nauchnyy sotrudnik; ZOLOTAREV, M.I., inzh.; OS'MINKIN, V.A., inzh.

Investigating the process of cutting the stalks of the bunches of grapes. Trakt. i sel'khozmash. 33 no.12:27-28 D '63. (MIRA 17:2

1. Dagestanskiy nauchno-issledovatel'skiy institut sel'skogo khozyaystva.

YUSHTIN, Yevgeniy Ivanovich; OSMINKIN, Ya.M., inzh., retsenzent,
PASHKOV, N.Ye., inzh., retsenzent; PENOVA, Ye.M., red.,
KOROVENKO, Yu.N., tekhn.red.

[What a crane operator should know about safety engineering]
Chto nuzhno znat' kranovshchiku o tekhnike bezopasnosti
Leningrad, Sudpromgiz, 1963. 29 p. (MIRA 1[illegible]
(Cranes, derricks, etc.--Safety measures)

SIDOROCHKIN, S.S.; OSMINKIN, Ya.M.; CHURIN, V.N.; YUSHTIN, Ye.I.; YANKOVSKAYA, Z.V.; BORODULENKO, I.K., otv. red.; SMOLEV, B.V., red.; KRYAKOVA, D.M., tekhn.red.

[Manual on safety engineering and industrial sanitation in four volumes] Spravochnik po tekhnike bezopasnosti i proizvodstvennoi sanitarii v chetyrekh tomakh. Izd.2., perer. i dop. Sost. S.S.Sidorochkin i dr. Otv. red. I.K.Borodulenko. Leningrad, Sudpromgiz. Vol.4. [Regulations, instructions, norms] Pravila, instruktsii, normy. 1963. 588 p. (MIRA 17:3)

MIGAY, Konstantin Vasil'yevich, kand. med. nauk; TIMOFEYEVA, Ol'ga Nikolayevna, kand. tekhn. nauk; YUSHTIN, Yevgeniy Ivanovich, inzh.; DROZDOV, D.T., inzh., retsenzent; ABRAMOVICH, V.A., inzh., retsenzent; OSTINKIN, Ya.M., nauchn. red.; SOSIPATROV, G.A., red.

[Safety measures during electric welding operations in shipbuilding] Tekhnika bezopasnosti pri elektrosvarochnykh rabotakh v sudostroenii. Leningrad, Izd-vo "Sudostroenie," 1964. 59 p. (MIRA 17:5)

SIDOROCHKIN, S.S.; OSTRIKIN, Ya.M.; CHURIN, V.L.; YUSHTIN, Ye.I.; YANKOVSKAYA, Z.V.; POKROVSKIY, N.N., otv. red.; PENOVA, Ye.M., red.; SOSNIATSOV, V.A., red.; KOLACOVA, N.F., red.

[Handbook on safety engineering and industrial sanitation in three volumes] Spravochnik po tekhnike bezopasnosti i proizvodstvennoi sanitarii v trekh tomakh. Leningrad, Sudostroenie. Vol.2. 1965. 679 p. (MIRA 18:10)

1. Russia (1923- U.S.S.R.) Laws, statutes, etc.

33476

S/170/62/005/002/009/009
B104/B138

11.3900

AUTHOR: Os'minin, Yu. P.

TITLE: Thermophysical properties of melted metals

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, v. 5, no. 2, 1962, 108-112

TEXT: An analysis has been made of data on the thermal conductivity, thermal diffusivity, and specific heat of the molten metals Na, K, Hg, Bi, and Sn, and on the surface tension of Hg, Bi, and Sn. Thermal conductivity, thermal diffusivity, and surface tension have been plotted as functions of temperature. The curves are approximated by

$$\left.\begin{aligned} \lambda &= \lambda_{пл}\left[1 + 0{,}305\,\frac{T - T_{пл}}{T_{пл}} + 0{,}048\left(\frac{T - T_{пл}}{T_{пл}}\right)^2\right] \\ a &= a_{пл}\left[1 + 0{,}373\,\frac{T - T_{пл}}{T_{пл}} + 0{,}054\left(\frac{T - T_{пл}}{T_{пл}}\right)^2\right] \\ \sigma &= \sigma_{пл}\left[1 - 0{,}075\,\frac{T - T_{пл}}{T_{пл}} + 0{,}0049\left(\frac{T - T_{пл}}{T_{пл}}\right)^2\right] \end{aligned}\right\} \quad (2)$$

Card 1/6

L 39706-65 EPF(c)/EPF(n)-2/EPR/EPA(s)-2/EWT(m)/EWG(m)/EWP(b)/EWT(t) Pr-4/Ps-4/Pt-10/Pu-4 IJP(c) WW/JW/JD/JG

ACCESSION NR: AP5010073 UR/0170/65/008/004/0485/0487

AUTHOR: Os'minin, Yu. P.

TITLE: Density of liquid alkali metals

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 8, no. 4, 1965, 485-487

TOPIC TAGS: liquid metal, sodium, potassium, rubidium, cesium, lithium, density, liquid metal density, alkali metal, reactor coolant

ABSTRACT: The alkali metals Na, K, Rb and Cs belong to the group of thermodynamically similar elements whose density is a function of atomic mass m, interatomic distance d (or atomic radius r = d/2) at the melting temperature T_m, and the temperature ratio T/T_m. Based on this similarity a generalized formula for calculating the density of liquid alkali metals has been derived using previously obtained experimental data for Na and K at 100—700C, for Rb at 39—220.1C, and for Cs at 28.5—210.9C. The formula

$$\rho = \frac{269.5m}{r^3}\left[1 - 0.097\left(\frac{T}{T_m} - 1\right)\right]$$

Card 1/2

L 39706-65

ACCESSION NR: AP5010073 2

was used for calculating the densities of liquid Rb and Cs at temperatures up to 600C. The deviation of calculated values from experimental values does not exceed 0.5%. The formula was also found to be true for liquid lithium, giving results within 1% of the experimental values. A table of calculated and experimental densities for Rb and Cs is given. Orig. art. has: 3 formulas, 1 figure, and 1 table. [AS]

ASSOCIATION: Vsesoyuznyy zaochnyy energeticheskiy institut, Moscow (All-Union Correspondence Power Engineering Institute)

SUBMITTED: 01Jun64 ENCL: 00 SUB CODE: MM,TD

NO REF SOV: 004 OTHER: 000 ATD PRESS: 3230

Card 2/2

OS'MININA, Ye.S. [Os'mynina, IE.S.]

Impregnating baths used in the manufacture of glass plastic pipes. Khim. prom. [Ukr.] no.3:82 Jl.-S '64.

SIDOROCHKIN, S.S.; OSMINKIN, Ya.M.; CHURIN, V.N.; YUSHTIN, Ye.I.; YANKOVSKAYA, Z.V.; BORODULENKO, I.K., otv. red.; SMOLEV, A.V., red.; FRUMKIN, P.S., tekhn. red.

[Manual on safety engineering and industrial hygiene in four volumes]Spravochnik po tekhnike bezopasnosti i proizvodstvennoi sanitarii v chetyrekh tomakh. 2., perer. i dop. izd. Sost. S.S.Sidorochkin i dr. Otv. red. I.K.Borodulenko. Leningrad, Sudpromgiz. Vol.1. [General regulations]Obshchie polozheniia. 1962. 575 p. (MIRA 15:10)

(Industrial hygiene--Laws and legislation)
(Industrial safety--Laws and legislation)

VOLKOV, Yu.N.; OSMINKIN, Ya.M., inzh., retsenzent; KOZLOV, A.A., inzh., retsenzent

[Prevention of industrial traumatism] Preduprezhdenie proizvodstvennogo travmatizma. Moskva, Mashinostroenie, 1964. 93 p. (MIRA 18:2)

NIKOLAYEV, Yevgeniy Vladimirovich; BYLOVICH, D.I., inzh., retsenzent; KUZNETSOV, V.V., inzh., retsenzent; OSIPOVA, Ya.N., nauchn. red.; KOMAROVA, N.K., red.

[Safety measures on shipyard sidings] Tekhnika bezopasnosti na pod"ezdnykh putiakh sudostroitel'nykh predpriiatii. Leningrad, Sudostroenie, 1965. 54 p. (MIRA 18:3)

OSMINKIN, Yakov Mikhaylovich.; VDOVICHENKO, S.G., nauchnyy red.; VLASOVA, Z.V., red.; LEVOCHKINA, L.I., tekhn. red.

[Safety engineering in operating railroads in shipbuilding yards] Tekhnika bezopasnosti pri ekspluatatsii zheleznodorozhnogo transporta na sudostroitel'nykh predpriiatiiakh. Leningrad, Gos. soiuznoe izd-vo sudostroit.promyshl., 1958. 65 p. (MIRA 11:11)
(Railroads, Industrial--Safety measures)

SIDOROCHKIN, S.S.; OSMINKIN, Ya.M.; CHURIN, V.N.; YUSHTIN, Ye.I.; YANKOVSKAYA, Z.V.; KUZNETSOV, Ye.I., otv.red.; KAZAROV, Yu.S., red.; KAMOLOVA, V.M., tekhn.red.

[Handbook on accident prevention and industrial sanitation; in three volumes] Spravochnik po tekhnike bezopasnosti i promyshlennoi sanitarii; v trekh tomakh. Leningrad, Gos.soiuznoe izd-vo sudostroit.promyshl. Vol.2. [Regulations, instructions, norms] Pravila, instruktsii, normy. 1959. 525 p. (MIRA 13:2)

(Industrial safety) (Industrial hygiene)

VINOGRADOV, A.S., master; OSMINNIKOV, A.M., slesar'

Recommendations on the maintenance of the distribution panel board of the ChS1 electric locomotive. Elek. i tepl.tiaga no.8,36 Ag '63. (MIRA 16:9)

1. Depo Moskva-Sortirovochnaya.
(Czechoslovakia--Electric locomotives)

OSMINNIKOV, N.,
PREMEL, V., Spirto-vodochnaya Prom. 15, No.8, 23-30 (1938)

OSMINNIKOV, N. P.

USSR

The Soviet rum industry. N. P. Osminnikov and G. L. Oshnayan. *Spirtovoe Prom.* 21, No. 1, 4-7 (1956).—The Soviet production of rum is fully described. Typical analyses of foreign rums, the heavy-type Soviet rum, and the light-type Soviet rum, resp., are: EtOH —, 48.84%, 44.24%; and (in mg. per 100 ml. anhyd. EtOH) acids 4.8-184.8, 291.91, 2[illegible].27; esters 6.2-216.0, 198.20, 20.78; fusel oils 0.0-420.6, 82.91, 90.41; aldehydes 0.0-48.0, 15.70, 25.00; furfural 0.0-7.2, —, —; dry matter —, 1300.10, 816.00. By crushing and pressing in special three-roll mills production is about 80% of juice based on the wt. of the cane. Wet extn. recovers 10-15% more sugar. To prep. the mash, the sugar sirup is dild. with H_2O and vinasse to a concn. of 6-18° (saccharometer); addn. of 15% of vinasse improves the flavor of the rum because it contains N in a form suitable as a nutrient for the yeast. The mash is boiled to 25-8° and cooled rapidly, and a pure culture of *Schizosaccharomyces* is added in the amt. of 10% of the mash by vol. Fermentation proceeds till 5.5-6.0 g. sugar/100 ml. wort is left. Another yeast strain, of the lactic acid type, which has been attenuated with an 8° wort, is added in the amt. of 3% of the wort by vol. Fermentation takes place at 27-8° for 4 days. The product is dist. into a 10-15% aldehyde fraction and an 85-90% purified product. The rum is aged at least 1 year, dild. with water to 45% vol., color is added, and the product is filtered and bottled.

Walter Jacobson

RUSLANOV, V. (UA3KB); FILIMONOV, B. (g.Cheboksary); BORN, A. (UA1DY) (Leningrad); OSMINNIKOV, V. (Kokand, UzSSR); BUYNYAVICHUS, A. (Kaunas)

Exchange of experience. Radio no.12:23,26,27,33,43,49,55 D '58. (MIRA 11:12)

(Radio)

6(4)

SOV/107-58-1[illegible]-30/55

AUTHOR: Osminnikov, V. (Kokand, UzSSR)

TITLE: Making a Four-Sectional Capacitor Unit (Izgotovleniye schetverennogo bloka kondensatorov)

PERIODICAL: Radio, 1958, Nr 1[illegible], pp 26-27 (USSR)

ABSTRACT: The author explains how to make a four-sectional variable capacitor unit out of two ordinary two-sectional ones; the latter are placed so that their axes are on one line parallel to a steel base. There are 2 diagrams.

Card 1/1

BRESLER, S.Ye.; OS'MINSKAYA, A.T.; POPOV, A.G.

Thermal degradation of stereoregular polypropylene. Vysokom. soed. 2 no.1:130-132 Ja '60. (MIRA 13:5)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.
(Propene)

BRESLER, S.Ye.; KOTON, M.M.; OS'MINSKAYA, A.T.; POPOV, A.G.; SAVITSKAYA, M.N.

Increasing polymer thermostability by cyclization in macromolecular chains with partial decomposition. Vysokom.soed. 1 no.7:1070-1073 Jl '59. (MIRA 12:11)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.
(Polymers—Thermal properties)

REYSHAKHRIT, L.S.; OS'MINSKAYA, A.T.

Effect of an indifferent electrolyte on zinc ion discharge. Vest. Len. un. 11 no.4:111-116 F '56. (MLRA 9:7)
(Zinc salts) (Electrolytes) (Polarography)

GNEVUSHEV, V.V., dotsent; OSMIRKO, G.I., prepodavatel'

Deep and spaced respiration as a form of active rest in the educational process of schoolchildren of the lower grades. Uch. zap. Stavr. gos. med. inst. 12:404-405 '63.

(MIRA 17:9)

1. Kafedra fizicheskogo vospitaniya, lechebnoy fizkul'tury i meditsenskogo kontrolya (zav. dotsent Gnevushev V.V.) Stavropol'skogo gosudarstvennogo meditsinskogo instituta.

OSMOLA, Jan, mgr inz.

In the Kuznica iron or mine 450 m of galleries per month.
Wiadom gorn 15 no.10:313-318 O'64

M

Country : USSR
Category: Cultivated Plants. Commercial. Oil-Bearing. Sugar-Bearing

Abs Jour: RZhBiol. No 11 1958, No 49039

Author : Osmola, N K.
Inst : -
Title : Dynamics of Tannid Accumulation in the Leaves of the Smoke Tree (Cotinus cogyggria) in the Western Oblasts of the Ukrainian SSR.

Orig Pub: Lesn. kh-vo. 1957, No 9, 82-83

Abstract: The accumulation of tannids in the leaves of two forms of smoke trees has been investigated in the region of the city of Lvov the two kinds of trees being the purple form (3-4 years old) and the green leaf form (7-8 years old). The tannid

Card : 1/2

M-114

Country : USSR M
Category: Cultivated Plants. Commercial. Oil-Bearing. Sugar-Bearing

Abs Jour RZhBiol., [illegible], No 49039

content has been determined by samples in the conventional way. The largest quantities of tannids were found in young trees of both forms in September and October in the purple form, in August in the green leaf form. As far as the content of tannids (33%) is concerned this form is not inferior to the Crimean or Caucasian forms. The best time for picking the leaves is September to October in the western oblasts of the Ukrainian SSR. -- A. M. Smirnov

Card : 2/2

USSR/Cultiv t [illegible] nts. Technic [illegible]. Oil [illegible]
Sugar Bearing Plants.

Abs Jour : Ref Zhur-Bi l., [illegible] 1[illegible], 1956, 63239

Author : Osnol , N. Th.
Inst : L v v Institut F r st Technology.
Title : Th [illegible] Fr nnil C nt nt [illegible] Sugar's
Sugar St [illegible] Sugar.

Orig Pu : Nauchn. tr. L'vov. l [illegible]. Lv-t, 1957,
3, 249-253

Abstract : In [illegible] t [illegible] (C [illegible]
co [illegible]) [illegible] (Lu
[illegible] L.) [illegible] t [illegible] -
t [illegible] l . Th [illegible] l [illegible] ts [illegible]
t [illegible] nnil c [illegible], [illegible]
[illegible] ts [illegible] t [illegible] ssess [illegible] -

C rd : 1/3

USSR/Cultivated Plants. Technical Plants. Oil and Sugar Bearing Plants.

Abs Jour : Ref Zhur-Biol., No 15, 1958, 68289

perties of concentrated natural tannin materials. The tannid content of tanner's sumac leaves amounts to 24.4 percent (of absolute dried material), and the extract is 53.7 percent pure; staghorn sumac leaves contain 20.74 percent of tannids and the extract is 51.6 percent pure. Both plants multiply not only through seeds, but also through shoots, and they give abundant underbrush from the stump as well as root suckers. They are frost resistant and require little soil. Staghorn sumac grows in skeleton, stony, and saline soils also. Around L'vov it bears fruit every year. It is useful as a decorative plant for planting in the cities of European Russia because of the bright

Card : 2/3

OSMOLA, N. KH.

14-57-6-12990

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 6, p 166 (USSR)

AUTHOR: Osmola, N. Kh.

TITLE: Distribution of the Smoke Tree in the Western Oblasts of the Ukrainian SSR (Razvedeniye skumpii v zapadnykh oblastyakh UkrSSR)

PERIODICAL: Nauch. tr. L'vovsk. lesotekhn. in-ta, 1955, Vol 2, pp 45-52

ABSTRACT: The smoke tree is a shrub of great commercial value; it conserves, reclaims and shades the soil; it provides high quality raw material for tanning industry, volatile oil, and dye-stuffs; its wood is used for minor carpentry products and inlays, to make musical instruments and for other purposes. Experimental smoke tree plantings, which have been carried out by the L'vov Silvicultural Institute since 1954, have shown that

Card 1/2

OSMOLA, N.Kh.

Dynamics of tannin accumulation in smoke tree leaves (Cotinus coggygria Scop.). Bot. zhur. 43 no.4:581-583 Ap '58. (MIRA 11:6)

1. L'vovskiy lesotekhnicheskiy institut.
(Tannins) (Smoke tree)

OSMOLA, N.Kh.

USSR/Forestry - Forest Cultures. K-4

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91552

Author : Osmola, N.Kh.

Inst : Lvov Forest Technology Institute.

Title : The Cultivation of Smoke Trees in the Western Oblasts of the Ukrainian SSR.

Orig Pub : Nauchn. tr. L'vovsk. lesotekhn. in-t, 1955, 2, 45-52.

Abstract : Climatic and soil conditions in the western oblasts of the Ukrainian SSR are favorable for the cultivation of the smoke tree. Cultures have been established at the Chernovitskiy Leskhoz since 1950, when one year old seedlings were planted together with the Amur cork tree (Phellodendrion amurense Rups.) maple and cornel trees. Average growth indices are given for five year old cultures. The smoke tree propagates well, both by seed

Card 1/2

OSMOLA, N. Kh., Cand Agric Sci (diss) -- "The smoke tree (Cotinus coggygria Scop.) and the outlook for its introduction in the western parts of the Ukrainian SSR". Kiev, 1956. 16 pp (Min Agric RSFSR, Voronezh Forestry Engineering Inst), 110 copies (KL, No 1, 1957, 134)

OSMOLSKI, Roman

Industrial safety at assembling prefabricated constructions in Czechoslovakia. Ochrona pracy 17 no.1:32-37 '62.

GORBACH, N.V.; OSMOLOVSKAYA, A.I.

New and rare lichens of White Russia. Bot.; issl.Bol.otd.VBO no.7:178-180 '65. (MIRA 18:12)

APPROVED FOR RELEASE: Wednesday, June 21, 2000 CIA-RDP86-00513R001238

BELETSKIY, Ye. L.; OSMOLOVSKAYA, I. G.

Procedural low-clearance "PCh" clock. Nov. med. tekh. no.2:77-79 '61. (MIRA 14:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskikh instrumentov i oborudovaniya.

(MEDICAL INSTRUMENTS AND APPARATUS)

OSMOLOVSKAYA, M.; EYNER, L.

Helping sanitary food labratories. Obshchestv.pit. no.7:28 Jl '60. (MIRA 13:8)

(Food adulteration and inspection)

OSMOLOVSKAYA, M.

Rapid method for laboratory analysis of hot drinks. Obshchestv. pit. no.5:36-37 My '59. (MIRA 12:8)
(Beverages)
(Food adulteration and inspection)

PROCESSES AND PROPERTIES INDEX

1

12

Utilization of sea algae for food. N. I. Kovalev, M. S. Danchevskaya, and B. V. Lovyagina. *Gigiena i Sanit.* 13, No. 3, 31-3(1948)(in Russian).—*Laminaria saccharina* and *Laminaria digitata* were investigated as possible sources of human food. The chief ingredient is N-free org. substance (up to 54.16%), mainly alginic acid (16-33%) and mannitol (2.9-26.3%), also laminarin, reducing sugars, galactan, mannan, pentosans, and levulan. N compds. are in the amt. 4-10.76%; the amino acid compn. of the protein is not known. Cellulose is 4.5-13%. Inorg. matter, up to 29%, includes CaO 2.18, MgO 1.45, K_2O 1.89, Na_2O 6.34. Assimilation of alginic acid by the body is not known, that of the protein varies between 31.7 and 80%. Culinary prepn. involves 12-15 hrs. soaking in water, chopping, and cooking. A fried mass contained H_2O 19.38, protein 4, fat 1.93, reducing substances 15.8, ash 20.5, cellulose 6.31%. The caloric value of the dry plant is 280.2 cal. The nutritive value is as yet undetd.

N. Thon

ASD-SLA METALLURGICAL LITERATURE CLASSIFICATION

[illegible] Sakh, N.S.

Osmolovskaya, N.S. and [illegible], [illegible] "Soils of the Karelo- [illegible]", [illegible] Voprosam pochv I [illegible] dovrenity v Karelo- [illegible] In. Sb, [illegible], [illegible], p. [illegible], - [illegible] : 49 items.

SO: W-31242, 11 March [illegible], [illegible] (Kis [illegible] State [illegible], [illegible])

SOV-69-58-4-2 18

AUTHORS: Bresler, S.Ye., [illegible]'minskaya, A.T., Popov, A.G., [illegible], Ye.N., Frenkel', S.Ya.

TITLE: The Thermal Degradation of Polymethylmethacrylate (Termicheskaya destruktsiya polimetilmetakrilata)

PERIODICAL: Kolloidnyy zhurnal, 1958, Vol XX, Nr 4, pp 403-416 (USSR)

ABSTRACT: The production of high-temperature macromolecular compounds made the study of the thermal degradation of polymers necessary. In the article, the kinetics of degradation of polymethylmethacr late is investigated. Two types of PMMA were used in the experiments, one high-molecular with Mo = 3,700,000 and one low-molecular with Mo = 250,000. Figure 2 shows that the degradation reaches 36 % at temperatures lower than 300° in the low-molecular compound, and 5-10 % in the high-molecular PMMA. The degradation at temperatures higher than 300° is represented by Figure 3. In the course of 1-1.5 hours it increases 15-30 times. The activation energy during the process is 57 kcal/mole, which indicates a rupture of the internal C - C bonds. Figure 5 shows that at a degradation of 50 %, the molecular weight is reduced 20 times. The principal cause for the reduction of the molecular weight is not the chain

Card 1/3

depolymerization. The rupture of C - C bonds leads to the formation of new chain endings at which depolymerization sets in. The influence of oxygen on degradation was studied in PMMA powder of 0.1 mm grain size and a sample of massive PMMA of 5 mm in diameter. Molecular oxygen breaks the kinetic chains and reacts with free radicals. In this reaction, peroxides and hydroperoxides are formed which initiate new chains. Table 1 shows that in the presence of oxygen an internal rupture of molecular chains takes place which is, however, not accompanied by noticeable depolymerization. The influence of the monomer on the degradation has been studied on a polymer block of 5x5x8 mm which has been inclosed, together with the monomer, in a glass flask. The flask was kept at 1[illegible] for 1 day. Figure 11 shows that the monomer inhibits degradation by combining with the free radicals without being polymerized during this reaction. Table 2 shows that at temperatures of 180-280°, an equilibrium is established between polymerization and depolymerization. In the presence of oxygen the monomer inhibits the degradation of PMMA by directing the reaction to polymerization. The degradation

The Thermal Degradation of Polymethylmethacrylate SOV-69-59-1-[illegible]

of PMM can be inhibited generally by introduction of sma[illegible] amounts of non-polarizable compounds of the vinyl-series (p-methoxyphenylmethacrylamide, p-ethoxyphenylmethacrylamide, diphenylmethacrylamide, etc. capable of producing radicals of low activity that act as traps for microradicals. There are 10 graphs, 1 diagram, 3 tables, and 20 references, 6 of which are Soviet, 10 English, and 4 German.

ASSOCIATION: Institut vysokomolekulyarnykh soyedineniy AN SSSR, Leningrad (Institute of High-Molecular Compounds of the USSR Academy of Sciences, Leningrad)

SUBMITTED: October 11, 1957

Card 3/3 1. Acrylic resins--Temperature factors

OSMOL'SKAYA, M.P.

Cultivation of the Abyssinian sea kale (Cranbe abyssinica Hochst) in Dnepropetrovsk Province. Trudy Bot.inst.Ser.6 no.7:128-129 '59. (MIRA 13:4)

1. Botanicheskiy sad Dnepropetrovskogo gosudarstvennogo universiteta im. 300-letiya vossoyedineniya Ukrainy s Rossiyey.
(Dnepropetrovsk Province--Kale)

OSMOLOVSKAYA, M. B.

USSR

Corrosion of aluminum alloys affected by foods. M. B. Osmolovskaya and N. I. Kovalev (Central Sci. Research Lab. Food Ind., Leningrad) *Veprosy Pitaniya* 13, No. 5, 48-9(1954)(short report).—Al plates were immersed in 1-2% solns. of acetic, oxalic, citric, lactic, and other acids for 24-48 hrs. and weighed. All acids caused a significant degree of corrosion (loss of wt.) of the plates; the addn. of 2% NaCl increased the corrosion. Corrosion was also caused by boiling the plates for 30 min. in different soups, sauces, stewed fruits, fruit jellies, and other foods followed by a 24-hr. keeping period, the wt. decrease depended on the acidity of the foods. In some instances an increase of the Al plates was observed as a result of the oxidation of the plates. In contact with the plates ascorbic acid is oxidized. Al containers were not suitable for the preservation of foods contg. high amts. of org. acids as well as for the storage of egg white.

B. Wierbicki

KOVALEV, N.I.; OSMOLOVSKAYA, M.S.

Study of half-finished meat products. Vop. pit. 21 no.1:82-84 Ja-F '62. (MIRA 15:2)

1. Iz kafedry tekhnologii pishchi Leningradskogo instituta vostochnoy torgovli imeni F.Engel'sa. (MEAT)

OSMOLOVSKAYA, M.S. (Leningrad)

Food output norms for public eating establishments. Vop.pit. 15 no.6:52 N-D '56. (MLRA 9:12)

(RESTAURANTS,
issue of food (Rus))

YEZDAKOVA, L.A.; OSMOLOVSKAYA, N.K.

Content of various forms of nitrogen and water-soluble carbohydrates in tobacco leaves topdressed with lithium. Nauch. dokl. vys. shkoly; biol. nauki no.3:135-137 '64 (MIRA 17:8)

1. Rekomendovana laboratoriyey biogeokhimii Samarkandskogo gosudarstvennogo universiteta im. Alishera Navoi.

FUZYREV, A.V.; ODINOKOV, I.V.; [illegible]SKAYA, T.; KORELYAK V, I.F., red.

[Air conditioning in textile factories] Konditsirovanie vozdukha na tekstil'nykh predpriiatiiakh. Ivanovo, 1961. 22 p. (MIRA 17:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut okhrany truda.

AYBULATOVA, V.T., inzh.; VESELOVA, N.I., inzh.; MIRUSHINA, L.F., inzh.; OSMOLOVSKAYA, T.A., inzh.; CHAYKOVSKAYA, A.V., inzh.

Elimination of unproductive expenditures is an important potential for lowering costs. Transp. stroi. 12 no.3:38-40 Mr '62. (MIRA 16:11)

L 20889-66 EWT(1)/EWT(m)/ETC(f)/EWG(m)/FCC/ DS/GW

ACC NR: AP6002558 (N) SOURCE CODE: UR/0286/65/000/023/0056/0056

AUTHORS: Osipova, N. Ye.; Osmolovskaya, T. N.; Kuznetsov, O. A.; Grafov, A. Ya.; Davydov, Yu. S.

ORG: none

TITLE: Method for fabricating moisture-sensitive elements for electrolytic air humidity detectors. Class 42, No. 176708

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 23, 1965, 56

TOPIC TAGS: atmospheric humidity, electrolytic cell, moisture measurement

ABSTRACT: This Author Certificate presents a method for fabricating moisture-sensitive elements for electrolytic air humidity detectors, based on the utilization of the change of resistance of moisture sensitive films with humidity. To increase the sensitivity and stability while widening the measurement range, the sensitive element is in the form of an insulated shell with parallel metallic electrodes wound on it. The element is placed in a hot aqueous solution with a temperature of no less than 95C containing 1--4% sodium chloride, 38--68% of

Card 1/2 UDC: 621.3.083.8.002.2

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6

Rochelle salt, 0.1% propantriol, and 0.1% formic acid amide. The element is removed from the solution, and the electrodes are heated to a temperature of 75--80C by an ac current for 5--6 min.

SUB CODE: 04/ SUBM DATE: 22Jun64

Card 2/2 ULR

GRYUNER,V.S., professor; STAROSTINA,N.A., kandidat khimicheskikh nauk
REZNIKOVA,S.B., nauchnyy sotrudnik; AFANAS'YEVA,N.V., nauchnyy
sotrudnik; OSNOLOVSKAYA,V.A.; NIKIFOROVA,G.V.; BUDORAGIN,M.G.,
proizv.inst. LYUBIMOV,P.V.

Testing the technical qualities of berry varieties for confectionary products. Trudy VKNII no.10:84-105 '54. (MLRA 8:9)
(Berries)

FORMOZOV, A.N.; OSMOLOVSKAIA, [illegible]

Ecology of the fox in the steppe and [illegible]
Trudy MOIP. [illegible] biol. [illegible] 229-239 '64.

FORMOZOV, Aleksandr Nikolayevich; OSMOLOVSKAYA, V.I.; BLAGOSKLONOV, K.N.

[Birds and forest pests, importance of birds in controlling the number of harmful insects in forests and tree plantings] Ptitsy i vrediteli lesa; znachenie ptits v regulirovanii chislennosti vrednykh nasekomykh lesa i lesnykh posadok. Moskva, Izd-vo Moskovskogo obshchestva ispytatelei prirody, 1950. 181 p. (Sredi prirody, no.19) (MLRA 10:3)

(Birds) (Forest insects)

FOMICHEV, A. M.; [illegible]; [illegible], I. M.

Afforestation

"Birds and Forest Pests." reviewed by Strokov.
Les i step' no. 4, 1952

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

FORMOZOV, A.N.; OSMOLOVSKAYA, V.I.

Population of some small surface animals of central Kazakhstan based on an analysis of prey caught by predatory birds. Trudy Inst.geog. 54:329-350 '53. (MLRA 7:5)
(Kazakhstan--Birds of prey) (Birds of prey--Kazakhstan)
(Zoogeography--Kazakhstan) (Kazakhstan--Zoogeography)

OSMOLOVSKAYA, V.I.

Geographical distribution of predatory birds of the lowland of Kazakhstan and their significance in the destruction of pests. Trudy Inst.geog. 54:219-307 '53. (MLRA 7:5)
(Kazakhstan--Birds of prey) (Birds of prey--Kazakhstan)

OSMOLOVSKAYA, V.I.; FORMOZOV, A.N.

Feeding habits of migratory and wandering birds of steppe forest plantation belts. Trudy Inst. geog. no.66:241-256 '55. (MIRA 8:7)
(Birds--Food)

GOLOV, B.A.; OSMOLOVSKAYA, V.I.

Biology and economic significance of the magpie in natural and artificial forest plantations in the southeastern European part of the U.S.S.R. Trudy Inst.geog. no.66:257-273 '55. (MIRA 8:7)
(Magpies)

OSMOLOVSKAYA, V.I.; FORMOZOV, A.N.

Feeding habits of the golden bee eater in the lower Volga Valley and southeastern Ciscaucasia. Trudy Inst.geog. no.66:274-276 '55. (MIRA 8:7)
(Volga Valley--Bee eaters
(Caucasus, Northern--Bee eaters)

OSMOLOVSKAYA, V.I.

Methods of quantitative estimation and mapping of bird colonies over a vast area. Biul. MOIP. Otd. biol. 65 no. 6:23-30 N-D '60. (MIRA 14:2)

(ROCKS (BIRDS)) (WILDLIFE CENSUS)

OSMOLOVSKAYA, V.I.

Survey of the distribution and abundance of Tetraonidae based on data obtained from questionnaires. Zool. zhur. 44 no.5:740-746 '65. (MIRA 18:6)

1. Kafedra zoologii pozvonochnykh Moskovskogo gosudarstvennogo universiteta.

AUTHOR: Vasil'yev, P.F., Engineer SOV/47-4-7/11
Osmolevskaya, Ye. A., Engineer

TITLE: The Construction of Standardized Assembled Reinforced Concrete Multi-storey Factory Buildings for the Chemical Industry. (K metrmatsiya tipovykh sbornykh zhelezobetonnykh mnogoetazhnykh zdaniy predpriyatiy khimicheskoy promyshlennosti).

PERIODICAL: Beton i Zhelezobeton, 1957, Nr 4, pp 140-44.

ABSTRACT: Plans for the standardization of multi-storey factory buildings were worked out by Giprostroy together with leading planning institutes of the Ministry of Chemical Industry of USSR, as indicated in Figure 1. Figures 2, 3 and 4 give various types of layout and the way to stiffen the end beams. The reinforcement of joints consists of three 32mm diameter rods from steel Mark 25 G2S. Figure 5 illustrates cross sections of these standardized factory buildings. The multi-storey factory buildings were calculated for the following loads: panels 500-2,500 kg/m^2, beams 1,000-2,500 kg/m^2 and columns 1,500-4,500kg/m^2. Figure 6 illustrates the

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SOV/97-4-5/11

The Construction of Standardized Assembled Reinforced Concrete Multi-storey Factory Buildings for the Chemical Industry.

steel joint between the beam and column, Figure 7 the connection of beams with intermediate columns. The columns are of rectangular cross section 400X500mm in size and made from concrete Mark 200, 300 and 400, and reinforced by welded reinforcement of Mark 25G2S. Figure 8 illustrates the joining of columns. The roof slabs are 990X5,970mm in size and 50mm thick. Longitudinal ribs are positioned at the ends of the slab and are 350mm high (see Figure 9). These slabs may be made either from ordinary or pre-stressed concrete. Only when the loading does not exceed 1,000kg/m² are the ordinary reinforced concrete slabs used. Where the loading is above this value prestressed concrete is used. For prestressed concrete reinforcement steel Mark 30 KhG2S is used and steel Mark 25G2S for ordinary reinforcement. Figure 10 illustrates the assembly of floor panels and Figure 11 a cross section of a factory building constructed from 1,500X6,000 mm slabs. These chemical factories are working continuously. The ventilation should be planned in such a way that three to ten exchanges of air take place in one hour. Heating should be by hot air circulation.. The best place for ducts is under the windows (see Figure 11). These are formed from special units. There are eleven figures.

Card 2/2

OSMOLOVSKIY, A.K., kand.tekhn.nauk

Remarks on the article "Selection of key elements in timber carriers." Sudostroenie 27 no.11:13-15 N '61. (MIRA 15:1)
(Timber--Transportation)
(Freighters)

OSMOLOVSKIY, A.K., kand.tekhn.nauk

Reinforcements for navigation in ice of "Sovan"-type lumber carriers. Inform. sbor. TSNIIMF no.59. Tekh. ekspl.mor.flota no.7:45-49 '61. (MIRA 1[illegible]:6)
(Hulls (Naval architecture)) (Sea ice)

OSMOLOVSKIY, A.K., kand.tekhn.nauk

Selecting the most profitable type of vessel for the transportation of timber. Sudostroenie 27 no.11:4-7 N '61. (MIRA 15:1)

(Timber--Transportation)
(Freighters)

OSMOLOVSKIY, A.K., kand.tekhn.nauk

Efficient type of tanker built of light alloys. Sudostroenie 26 no.12:1-5 D '60. (MIRA 13:11)
(Tank vessels) (Light metals)

OSMOLOVSKIY, A.L.

Attachments reducing auxiliary time. Mashinostroitel' no.11: 26-27 N '63. (MIRA 16:11)

OSMOLOVSKIY, A.L.

In a creative innovator brigade. Mashinostroitel' no.5:4-5 My '63. (MIRA 16:7)

1. Nachal'nik tsekhovogo tekhnologicheskogo byuro Khar'kovskogo zavoda "Elektromashina."
(Kharkov—Electric equipment industry)

OSMOLOVSKIY, A. E. [Co-author]

See: ZHURAVLEV. I. I. The Most Important Pests and Diseases of Green (Tree) Plantings, 1949.

SO: SIRA, SY 90-53, 15 December 1953

OSMOLOVSKIY, I.I., inzh.

Performance testing of slope levellers. Transp.stroi. 9 no.6:37-38 Je '59. (MIRA 12:11)

(Levellers)

VASIL'YEV, B.F., inzh.; OSMOLOVSKAYA, Ye.A., inzh.

Constructing multistoried precast reinforced concrete standard buildings for chemical industry enterprises. Bet.i zhel.bet. no. 4:140-145 Ap '58. (MIRA 11:4)
(Chemical plants) (Precast concrete construction)

OSMOLOVSKAYA, Ye.P.

Consultation. Stan.i instr. 26 no.9:36-37 S '55. (MLRA 9:1)
(Surfaces (Technology))

OSMOLOVSKAYA, Ye.P.

Calibration methods for circular graduated dials. Izm. tekh. no.3: 31-37 My-Je '55. (MLRA 8:9)
(Calibration)

OSMOLOVSKAYA, Ye.P.

Physical principles of the mechanical wear of plane-parallel limit-length gauges. Izm.tekh.no.3:24-29 My-Je '56. (MLRA 9:9)
(Calipers) (Mechanical wear)

Osmolovskaya, Ya. P.

24(0); 5(4); 6(2) PHASE I BOOK EXPLOITATION SOV/2215

Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii imeni D.I. Mendeleyeva

Referaty nauchno-issledovatel'skikh rabot; sbornik No. 2 (Scientific Research Abstracts; Collection of Articles, Nr 2) Moscow, Standartgiz, 1958. 139 p. 1,000 copies printed.

Additional Sponsoring Agency: USSR. Komitet standartov, mer i izmeritel'nykh priborov.

Ed.: S. V. Reshetina; Tech. Ed.: N. A. Kondrat'yeva.

PURPOSE: These reports are intended for scientists, researchers, and engineers engaged in developing standards, measures, and gages for the various industries.

COVERAGE: The volume contains 128 reports on standards of measurement and control. The reports were prepared by scientists of institutes of the Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR (Commission on Standards, Measures, and Measuring Instruments under the USSR Council of Ministers). The participating institutes are: VNIIM - Vsesoyuznyy nauchno-issledovatel'skiy metrologii imeni D.I. Mendeleyeva (All-Union Scientific Research Institute of Metrology imeni D.I. Mendeleyev) in Leningrad; Sverdlovsk branch of this institute; VNIIK - Vsesoyuznyy nauchno-issledovatel'skiy institut Komiteta standartov, mer i izmeritel'nykh priborov (All-Union Scientific Research Institute of the Commission on Standards, Measures, and Measuring Instruments), created from MOIMIP - Moskovskiy gosudarstvennyy institut mer i izmeritel'nykh priborov (Moscow State Institute of Measures and Measuring Instruments) October 1, 1955. VNIIFTRI - Vsesoyuznyy nauchno-issledovatel'skiy institut fiziko-tekhnicheskikh i radiotekhnicheskikh izmereniy (All-Union Scientific Research Institute of Physicotechnical and Radio-engineering Measurements) in Moscow; KhGIMIP - Khar'kovskiy gosudarstvennyy institut mer i izmeritel'nykh priborov (Khar'kov State Institute of Measures and Measuring Instruments); and NGIMIP - Novosibirskiy gosudarstvenyy institut mer i izmeritel'nykh priborov (Novosibirsk State Institute of Measures and Measuring Instruments). No personalities are mentioned. There are no references.

Card 4/27

Category : USSR/General Problems Method and Technique of Investigation. A-4

Abs Jour : Ref Zhur - Fizika, No 3, 195 , No 3689

Author : Osmolovskaya, Ye.P.

Title : Physical Foundations of the Rubbing Together of Plane-Parallel Gauge Blocks for Length Measurement.

Orig Pub : Izmerit. tekhnika, 1956, No 3, 24-29

Abstract : An examination of the physical peculiarities of the rubbing together of gauge blocks for length measurement. Description of two setups for measuring the adhesion and the friction forces. It has been established that the adhesion and the friction forces depend on the material and on the holding time. The results obtained in the work make it possible to present the theory of rubbing together as a theory of migration of molecules in the friction layer.

Card : 1/1

PA-77

OSMOLOVSKIY, A.

USSR/Tugboats - Ice Conditions Feb 1947

"Reinforcement of Tugboats for Ice Conditions," A Osmolovskiy, 4 pp

"Morskoy Flot" Vol 7, No 2

Mathematical formulae and diagrams

PTB

OSMOLOVSKIY, A.

Ice strengthening of tugboats. Mor. flot 7 no.2:18-22 '47.
(Tugboats) (MLRA 9:6)

OSMOLOVSKIY, A.

Lessons of major overhauling of "Profintern" type motor tugboats.
Mor. flot 7 no.2:34 '47. (MLRA 9:6)
(Tugboats)