

33917
S/066/62/000/001/004/004
D041/D113

11.4500
AUTHORS: Lagutkin, O.D., and Verkhivker, G.P., Engineers,

TITLE: Thermodynamic characteristics of SF₆ in a wide pressure and temperature range

PERIODICAL: Kholodil'naya tekhnika, no. 1, 1962, 24-29

TEXT: The authors plotted the entropy diagrams s_2, t , and s_1, i , and the diagram p, pv for SF₆ within the 12-240 At and 0-750°C ranges, using the theory of thermodynamic similarity. Up to now, only the experimental values of p, v, t , up to 50 At and 250°C obtained by W.G. Schneider for SF₆, as well as the thermal and calorific values of SF₆ up to 30 At and 100°C obtained by experiments carried out at VNIKHI, were known. The theory of thermodynamic similarity developed by Professor I.S. Badyl'kes (Ref.5: Rabochiye veshchestva kholodil'nykh mashin [Working media of refrigerators] Pishchepromizdat, 1952; Ref.6: Termodinamicheskoye podobiye rabochikh veshchestv i protsessov kholodil'nykh mashin. [Thermodynamic similarities of working

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TEXT: The authors plotted the entropy diagrams s,t, and s,i, and the diagram p, pv for SF₆ within the 12-240 At and 0-750°C ranges, using the theory of thermodynamic similarity. Up to now, only the experimental values of p,v,t, up to 50 At and 250°C obtained by W.G. Schneider for SF₆, as well as the thermal and calorific values of SF₆ up to 30 At and 100°C obtained by experiments carried out at VNIKHI, were known. The theory of thermodynamic similarity developed by Professor I.S. Badyl'kes (Ref.5: Rabochiye veshchestva kholodil'nykh mashin [Working media of refrigerators] Pishche-promizdat, 1952; Ref.6: Termodinamicheskoye podobiyе rabochikh veshchestv i protsessov kholodil'nykh mashin [Thermodynamic similarities of working

Card (1/2)

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Thermodynamic characteristics ...

media and processes of refrigerators], Gostorgizdat, 1960), permits approximately determining the thermodynamic characteristics of substances according to a base (standard) substance. Since CO₂ gas and SF₆ belong to the same group of inorganic substances with the triple point above the atmospheric pressure, CO₂ gas was used as base substance. The initial data on CO₂ gas were taken from a previous paper with corrections made at the department of thermodynamics of the Odesskiy institut inzhenerov morskogo flota (Odessa Institute of Marine Engineers) taken into consideration. The inaccuracy of the plotted diagrams does not exceed 1%. There are 3 figures, 2 tables, and 10 references: 6 Soviet-bloc and 4 non-Soviet-bloc. The English-language references are: K.E. Mac Cormack, W.G. Schneider. "Journal of Chemical Physics", vol. 19, no. 7, 845, July, 1951; David L. Fiske, "Refrigerating Engineering", vol. 57, 1949, no. 4. ✓

ASSOCIATION: Odesskiy tekhnologicheskii institut im. M.V. Lomonosova
(Odessa Institute of Technology im. M.V. Lomonosov)

Card 2/2

VERKHIVKER, G.P., inzh.; LAGUTKIN, O.D., inzh.

Problem concerning the use of binary cycles in large gas turbine systems. *Izv.vys.ucheb.zav.; energ.* 5 no.5:64-70 My '62.

(MIRA 15:5)

1. Odesskiy tekhnologicheskii institut. Predstavlena kafedroy teplotekhniki.

(Gas turbines)

(Turbogenerators)

LAGUTKIN, O.D., inzh.

Thermodynamic data on a wide range of temperatures and pressures
of octafluorocyclobutane. Izv. vys. ucheb. zav.; energ. 7 no. 7:
60-65 '64 (MIRA 17:8)

1. Odesskiy tekhnologicheskiy institut imeni Lomonosova.
Predstavlena kafedroy obshchey teplotekhniki.

VERKHIVKER, G.P., kand. tekhn. nauk; SMIRNOV, G.F., inzh.; LAGUTKIN, O.D., inzh.

Determination of optimum thermodynamic parameters of regenerative thermal power cycles in substances with low-melting points. Izv. vys. ucheb. zav.; energ. 8 no.1:46-53 Ja '65. (MIRA 18:2)

1. Odesskiy tekhnologicheskii institut imeni M.V. Lomonosova.
Predstavlena kafedroy teplotekhniki.

~~LAGUTSKIN, V. M.~~

Production of wooden parts on portable sawmills. Leg. prom. 17
no. 5:6-8 My '57. (MLBA 10:6)

(Woodworking industries)

LAGUTKIN, V.S.

Protecting metal surfaces against splashes during electric
welding. Mashinostroitel' no.2:30 P '57. (MLRA 10:5)
(Electric welding)

LAGUTINA, Yekaterina Ivayovna; NIKOLAYEVA, Nadezhda Vasil'yevna;
YUROV, A.D., otv. red.; PETROVSKAYA, T.I., red.

[Countries of Africa; a regional economic and geographical
survey] Strany Afriki; regional'nyi ekonomiko-geografiche-
skii obzor. Leningrad, Izd-vo Leningr. univ., 1965. 93 p.
(MIRA 18:8)

LAGUTKIN, V.S.

137-58-1-861

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 124 (USSR)

AUTHOR: Lagutkin, V.S.

TITLE: Protection of Metal Surfaces From Splash in Welding (Zashchita poverkhnosti metalla ot bryzg pri svarke)

PERIODICAL: Tekhnol. transp. mashinostroyeniya, 1957, Nr 2, pp 62-63

ABSTRACT: A solution of water glass, water, and chalk, composed of 1 kg water glass, 4 kg water, and 1 kg chalk, is employed at the Kolomna Diesel-locomotive Plant to protect metal surfaces against splash during welding. The water glass acts as the binder. A cushion of chalk is formed between the drops of diffused metal and the surface of the parent metal. The splash is readily removed by means of metal brushes or sandblasting equipment. Use of this solution reduces the time required for cleaning the surface of articles from splash to one-third or one-fourth.

V.P.

1. Welding 2. Surfaces--Protection 3. Water--Application

Card 1/1

~~LAGUTKINA, A.~~

Specialized dressmaking and tailoring establishment. Prom.koop.
13 no.6:19 Je '59. (MIRA 12:9)

1. Zaveduyushchaya atel'ye arteli "Pamyati M.Gor'kogo".
(Kuybyshev--Clothing industry)

LAGUTKINA, R.; GOLUBEV, N.

For a scientific organization of work. Tekst. proz. 25 no.9:
88-89 S '65. (MIRA 18:10)

LAGUTO, F.M.

GIUSEAKOVA, N.Ye.; LAGUTO, F.M.; MERESHINSKIY, M.F.

Ascorbic acid level in walls of the gastrointestinal tract and
in the testes of burn patients. Khirurgia 33 no.2:103-107 F '57.
(MLRA 10:7)

1. Iz kafedry biokhimii Minskogo meditsinskogo instituta
(GASTROINTESTINAL SYSTEM, metab.
vitamin C in burns (Rus))
(TESTES, metab.
same)
(VITAMIN C, metab.
gastrointestinal system & tests in burns (Rus))
(BURNS, metab.
vitamin C in gastrointestinal system & testes (Rus))

GLUSHAKOVA, N.Ye.; LAGUTO, F.M.; LUCHENOK, O.S.

Vitamin C in the liver and the wall of the small intestine in radiation sickness in animals synthesizing ascorbic acid. Med. rad. 5 no.4: 86-87 Ap '60. (MIRA 13:12)

(ASCORBIC ACID)
(INTESTINES)

(LIVER)
(RADIATION SICKNESS)

GLUSHAKOVA, N.Ye. [Hlushakova, N.E.]; LAGUTO, F.M. [Lahuta, F.M.];
IVANOVA, V.S.; MEREZHINSKIY, M.F. [Merazhynski, M.F.]; TARANOVICH,
G.L. [Taranovich, H.L.]; SHIFMAN, A.S. [Shyfman, A.S.]

Biosynthesis and metabolism of ascorbic acid in white rats during
fractional ionizing irradiation in small doses. Vestsi AN BSSR.
Ser. biol. nav. no. 2:96-101 '62. (MIRA 15:8)
(RADIATION--PHYSIOLOGICAL EFFECT) (ASCORBIC ACID)

GLUSHAKOVA, N.Ye.; TARANOVICH, G.I.; LAGUTO, F.M.

Some indices of tissue metabolism in reduced function of the thyroid gland. Probl. endok. i gorm. 10 no.6:24-27 N-D '64. (MIRA 18:7)

1. Kafedra biokhimii Minskogo meditsinskogo instituta; rukovoditel' - prof. M.F.Merezhinskiy.

AKSENOV, Ye.A., glav. red; LAGUTO, L.D., red.; SHUKHMAN, D.I., red.; LYUDCHIK, K.F., red.; OSACHCHIY, Ye.A., red.

[Production of peat briquets and semibriquets; exchange of technical-production experience. Proizvodstvo torfiakh briketov i polubriketov; obmen proizvodstvenno-tekhnicheskim opytom. Minsk, Izd. red.-izd. otdela In-ta nauchno-tekhn. informatsii i propagandy Goskomiteta Soveta Ministrov BSSR po koordinatsii nauchno-issl. rabot, 1962. (MIRA 17:11)
79 p.

1. Vsesoyuznoye nauchno-tekhnicheskoye obshchestvo energeticheskoy promyshlennosti. Belorusskoye respublikanskoye otdeleniye.

SADOVNICHYI, V.V.; BUDNIK, V.V.; LAGUTO, B.D.

The FPM milling, processing, and forming machine for obtaining
granulated peat. Vestsi AN BSSR Ser.fiz.-tekh.nav. no.1:131-133
'56. (Peat machinery) (MLBA 9:10)

LAGUTO, L.D., inzh.

New equipment for the peat-winning industry. Mekh. i avtom. proizv.
16 no.6:39-41 Je '62. (MIRA 15:6)
(White Russia--Peat machinery)

LAGUTO, L.D., inzh.

Results of the operation of BFF machines in the peat enterprises of the economic council of White Russia S.S.R. Torf. prom. 40 no.2:7-10 '63. (MIRA 16:4)

1. Sovet narodnogo khozyaystva Belorusskoy SSR.
(White Russia--Peat machinery)

1. LAGUTOCHKIN, P.
2. USSR (600)
4. Aeronautics in Agriculture
7. Experiment on artificial defoliation of cotton plants by use of the airplane.
Khlopkovodstvo. no 3: 1952

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

SOV/84-58-3-5/52

AUTHOR: Konovalov, S., and Lagutochkin, P., Engineers (Khercov.)

TITLE: Loader for the An-2 Aircraft (Zagruzchik dlya samoleta An-2)

PERIODICAL: Grazhdanskaya aviatsiya, 1958, Nr 3, p 3 (USSR)

ABSTRACT: The short note reports on a scoop conveyer type dry chemical loader for the An-2 aircraft created in one of the operational units. The conveyer is driven by an aircooled 4.5-HP engine, loads 400 kg of chemicals per minute, weighs 300 kg, is said to be easily built locally from tractor spare parts, and can be assembled and dismantled under field conditions. It can be carried in dismantled form to the place of work by the An-2. Attended by six workers, the conveyer fills the tanks of the aircraft in 3 minutes. The tests of the assembly carried out in the Novomayachkovskiy sovkhov in Kherson Oblast have been successful. Over 200 tons of chemical fertilizers, with normal and increased moisture content were spread from the An-2 in a short time. The loader operated without failure. The idling time of the aircraft was cut to a fraction. The note is accompanied by a photograph showing the loader at work.

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1. Aircraft--Equipment 2. Storage tanks--Loading 3. Chemicals--Handling
4. Industrial equipment--Design 5. Industrial equipment--Performance

~~LAGUTOCHKIN, B.~~, starshiy inzhener (Kherson)

Lessons of our experience. Grazhd. av. 17 no. 11:27 N '60.
(MIRA 13:12)

(Kherson--Aeronautics in agriculture)

POKOLZIN, P.S., kand.tekhn.nauk; LAGUTSEV, A.R., inzh.; NASONOV, A.Ya.,
inzh.; SHPILEVSKIY, V.A., inzh.

Mechanized timber drawing in roof control in Donets Basin
mines. Bezop.truda v prom. 4 no.3:5-7 '60.
(MIRA 13:6)

(Donets Basin--Coal mines and mining)

LAGUTSKAYA, L.I.; DANILOVA, V.I.

Method of Molecular Orbitals and Linear Combination of Molecular Orbitals for calculating the molecules containing two phenyl rings separated by a group of atoms. Repost l. Zhur. strukt. khim. 6 no. 4:591-595 J1-Ag '65 (MIRA 19:1)

1. Sibirskiy fiziko-tekhicheskiy institut, g. Tomsk. Submitted May 4, 1964.

SUVOROV, N.A., kand. tekhn. nauk; BOLOTOV, B.N., kand. tekhn. nauk;
LAGUTTSEV, A.R., inzh.

Studying the effect of the wall advancement rate on the manifestation of rock pressure using models of equivalent materials.
Izv. vys. ucheb. zav.; gor. zhur. 8 no.1:15-19 '65. (MIRA 18:3)

1. Khar'kovskiy institut gornogo mashinostroyeniya, avtomatiki i vychislitel'noy tekhniki. Rekomendovana kafedroy tekhnologii gornogo proizvodstva.

LAGUTYAYEVA, A.I.

[Shortcomings in the work of midwives in rural areas] Nedostatki v
rabote sel'skoj akusherki. Feldsher & akush. no.3:16-19 Mr '50.
(GIML 19:1)

LAGUTYAYEVA, A.I.

Activities at collective farm maternity homes and feldsher-midwife centers in Kalinin Province. Akush.i gin. no.2:15-19 Mr-Ap '55.
(OBSTETRICS, (MIRA 8:7)
rural maternity homes in Russia)
(PUBLIC HEALTH,
rural feldsher-midwife centers in Russia)
(RURAL CONDITIONS,
maternity homes & feldsher-midwife centers)

LAGUTYAYEVA, A.I.

A.N. Rakhmanov, 100th anniversary of his birth. Akush.i gin.
no.5:123-124 '61. (MIRA 15:1)
(RAKHMANOV, ALEKSANDR NIKOLAEVICH, 1861-)

LAGUTYAYEVA, L.I.

Aleksandr Nikolaevich Rakhmanov. Med. sestra 21 no.3:54-55
Mr '62. (MIRA 15:3)
(RAKHMANOV, ALEKSANDR NIKOLAEVICH, 1861-1926)

AUTHORS: Sorokin, M. F., Laguzina, A. M. SOV/156-58-1-26/46

TITLE: Interaction of Some Aryl-Glycide Ethers With the Alcohols of the Aliphatic Series (Vzaimodeystviye nekotorykh arilglitsidnykh efirov so spirtami alifaticheskogo ryada)

PERIODICAL: Nauchnyye doklady vysshey shkoly, Khimiya i khimicheskaya tekhnologiya, 1958, Nr 1, pp. 110 - 114 (USSR)

ABSTRACT: The epoxy-resins obtained from compounds with an α -oxide-group exhibit a number of valuable properties (Refs 1,2). The authors tried to synthesize epoxy resins of a new type from resorcin-diglycide ether and from 2,2-di(p-oxyphenyl)-propane, and from polyatomic alcohols of the aliphatic series. For the purpose of explaining the production mechanism of these resins, the authors investigated the reaction kinetics between phenyl-glycide-ether and resorcin-diglycide ether, as well as a number of 1- and 2-atomic alcohols. Amongst a great number of reports available, there is none dealing systematically with the influence exercised by the concentration of the catalyst and other factors on the kinetics of the reaction. For the purpose of determining the constants of the reaction-velocity the authors

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Interaction of Some Aryl-Glycide Ethers With the
Alcohols of the Aliphatic Series

SOV,156-58-1-26/46

introduced the experimentally obtained data in the kinetic equations. The reaction of the glycide ethers with alcohols shows some peculiarities. As results from the scheme, a secondary hydroxyl-group appears in the developed ether instead of the primary hydroxyl group which had entered the reaction. The secondary hydroxyl group is capable, on its turn (at a lower velocity, however,) to react with another molecule of the glycide ether. The reaction thus takes place at any ratio whatever of the glycide ether and of the alcohol under a constant concentration of the hydroxyl groups. Consequently, it must be a pseudo-monomolecular reaction. Calculations have shown a satisfactory conformity of the constants. The constant is independent of the concentration of the catalyst. Table 1 shows the constants for different concentrations. Analogous results were obtained by a similar investigation with n-butyl alcohol. Furthermore, the influence of the molecular weight, the structure and the number of atoms of the alcohols on the reaction concerned was investigated. Methyl, ethyl, n-butyl, primary octyl, isopropyl alcohol and octanol-2 were used, and

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Interaction of Some Aryl-Glycide Ethers With the
Alcohols of the Aliphatic Series

SOV/156-58-1-26/46

ethylene glycol, diethylene glycol and triethylene glycol. The results obtained from these tests are shown in table 2. These data show that with a relation of 1:1 of the phenyl-glycide-ether and of a monoatomic alcohol the increase of the molecular weight of the alcohol has no influence on the constant of the reaction velocity for methyl, ethyl and n-butyl alcohol. In the case of a ratio of ether and the monoatomic alcohols of 1:10, the constant of methylalcohol with respect to primary octyl alcohol decreases. Secondary alcohols are less reactive than the primary ones. The reactivity of the poly atomic alcohols (except ethylene glycol with a ratio of phenyl-glycide ether: ethylene glycol = 1:1) is greater than that of the monoatomic alcohols. Within the series of glycols the reactivity of ethylene glycol with respect to triethylene glycol increases. 8 new, undescribed compounds were isolated in the course of the work. Their constants are shown in table 4. There are 4 tables and 5 references.

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Interaction of Some Aryl-Glycide Ethers With the
Alcohols of the Aliphatic Series

SOV/156-58-1-26/46

ASSOCIATION: Kafedra tekhnologii lakov i krasok Moskovskogo khimiko-tekhno-
logicheskogo instituta im.D.I.Mendeleyeva (Chair of Varnishes
and Colors of the Moscow Chemical and Technological Institute
imeni D.I.Mendeleyev)

SUBMITTED: September 30, 1958

Card 4/4

LAGUZINA, A. M., Candidate Tech Sci (diss) -- "Investigation of the reactions and synthesis of tars from aryl-glycide-esters and aliphatic alcohols". Moscow, 1959. 15 pp (Min Higher Educ USSR, Moscow Order of Lenin Chem-Tech Inst im D. I. Mendelejev), 150 copies (KL, No 22, 1959, 116)

LAGUZINA, A. M.

5(3), 15(8)

SOV/156-59-1-40/54

AUTHORS:

Sorokin, M. F., Leguzina, A. M.

TITLE:

The Synthesis and Investigation of Resins From Certain Aryl-diglycide Ethers and Bivalent Alcohols (Sintez i issledovaniye smol iz nekotorykh arildiglititsidnykh efirov i dvukh-atomnykh spirtov)

PERIODICAL:

Nauchnyye doklady vysshey shkoly. Khimiya i khimicheskaya tekhnologiya, 1959, Nr 1, pp 154 - 158 (USSR)

ABSTRACT:

In order to obtain new soluble epoxide varnishing resins, an attempt was made to resinify diglycide ethers of resorcin and of diphenylolpropane with ethylene glycol and diethylene glycol. Resins of this type have not yet been described in scientific publications. An investigation was made into the influence on resinification of the reaction temperature, the component ratio, the structures of the alcohol and of the diglycide ether. Diethylene glycol reacts more readily than ethylene glycol does. A high glycide ether share accelerates resinification. The temperature dependence of the glycide values is graphically represented (Fig 1). With a glycide

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The Synthesis and Investigation of Resins From Certain
Aryl-diglycide Ethers and Bivalent Alcohols

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content of less than 10%, insoluble, solid resins are formed. The diglycide ether of dioxy-diphenylol-propane is less reactive than the analogous ether of resorcin (Diagram, Fig 2). The hardening of the resin films was effected by means of hexamethylene-diamine, as ethylene-diamine hardened films had turned out to be less resistant to water and chemical reagents. The most favorable properties of the resins obtained (hardness, flexibility, resistance to H_2O , $NaOH$ and HCl) are listed in a table. There are 2 figures, 1 table, and 10 references, 2 of which are Soviet.

ASSOCIATION: Kafedra tekhnologii lakov i krasok Moskovskogo khimiko-tekhnologicheskogo instituta im. D. I. Mendeleeva (Chair of the Technology of Varnishes and Paints of the Moscow Institute of Chemical Technology, imeni D. I. Mendeleev)

SUBMITTED: .. October 27, 1958

Card 2/2

SOROKIN, M.F.; LAGUZINA, A.M.

Synthesis and study of resins derived from aryldiglycidyl ethers
and dicarboxylic acids. Trudy MKHEI no.29:88-92 '59.
(MIRA 13:11)

(Epoxy resins)

39838

15.8120

S/081/62/000/011/052/057
E202/E192

AUTHORS: Sorokin, M.F., Laguzina, A.M., and Korkishko, Zh.T.

TITLE: Synthetic resins derived from arylglycide esters. 2nd bulletin. Resin synthesis from diglycide esters and polyatomic alcohols of the aliphatic series.

PERIODICAL: Referativnyy zhurnal, Khimiya, no.11, 1962, 619, abstract 11 P 259. (Lakokrasochn. materialy i ikh primeneniye, no.6, 1960, 1-4).

TEXT: Based on diglycide esters (DE), resorcine (I) and also dioxydiphenyl propane (II), ethylene glycol (III) and diethylene glycol (IV), soluble varnish epoxy resins (ES) were prepared. The synthesis was carried out (in a 3-neck flask with reflux condenser and stirrer placed in a thermostat) with molecular ratios of alcohols to esters 1:1, 1.5:1 and 2:1, at 50, 60 and 70 °C in the presence of 0.6% catalyst (on the basis of the weight of the components) - solid NaOH. The latter was dissolved in diol at the synthesis temperature of ES, adding the required quantity of arylglycide ester heated to the same temperature. The process was controlled by the changing of glycide group content in the

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Synthetic resins derived from ...

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reaction medium (small samples were taken periodically and analysed using the Nicolette and Poulter method). After reaching the given glycide number, the process is terminated. The obtained viscous ES was dissolved in a mixture of butanol and toluene (1:1), neutralised (to phenol-phthalein) with 0.5% HCl in butanol, filtered, and the solvent distilled off in vacuo. Physical and chemical indices of the ES obtained (including their molecular weights and qualitative characterisation of the polydispersivity) and the varnish properties of the films made from these ES are given. In particular the following were found: DE I is more reactive than II and IV is more reactive than III; films made from these ES have good mechanical properties, good water and chemical stability; with regard to water and acid stability the ES films prepared from glycide esters of III are slightly worse than those based on the glycide esters of IV. ~~The ES prepared according to the above methods may be recommended as binders (or impregnating media), as additives of the hardening type to other binders, or for the preparation of ES without solvents.~~

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Synthetic resins derived from ...

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E202/E192

(Bulletin no.1, see R.zh. Khim., 18, 1961, 18P174).

[Abstractor's note: Complete translation.]

X

Card 3/3

BELIKOV, N.V.; LAGUZINA, I.M.; FOGEL', V.O.

Experimental heat measuring apparatus for investigating the
baking process of hearth baked products. Trudy TSNIKHP
no.8:37-50 '60. (MIRA 15:8)
(Heat-Transmission) (Baking)

S/776/62/000/025/005/025

AUTHORS: Gabriel'yan, D. I., Lagvinov, P. K., Smirnova, L. G.

TITLE: The effect of transverse compressive stresses on the magnetic properties of soft magnetic materials.

SOURCE: Moscow. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii. Sbornik trudov. no. 25. Moscow, 1962. Pretsizionnyye splavy. pp. 86-95.

TEXT: The present experimental investigation was intended to determine the effect of elastic transverse compressive stresses on the magnetic properties of ferromagnetic materials in which such stresses, together with the intensity of the magnetic field and the temperature (T), are among the fundamental factors that determine the magnetic state of a substance. A special testing equipment for the present investigation was designed by the First Design-Engineering Bureau of the TsNIChM (Central Scientific Research Institute of Ferrous Metallurgy) and was constructed in the Experimental Instrument Shop of the Institute. The pressure exerted on the specimen was produced by compressed air. The numerical data on the change in magnetic properties as a function of the stress are summarized in a full-page table, and the variations are shown in graphs. Most sensitive to mechani-

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The effect of transverse compression.....

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cal stresses are the alloys 79HM (79NM), 79HMA (79NMA), 80HXC (80NKbS), also the alloy 65MΠ (65MP) which has a rectangular hysteresis loop. A comparatively great change in magnetic permeability, under an induction of 20 gauss, was observed in the alloy 16Ю (16Yu). The smallest change in magnetic properties was noted in the alloy 6C (6S). Repeat determinations of the magnetic characteristics showed that in a number of cases a repeat run differed substantially from the results of the initial test, that is, prior to the imposition of the stress. The results of the repeat tests are tabulated separately. This presence of residual changes in the magnetic properties, following the action of loads that do not exceed the elastic limit, requires additional investigation. In a first approximation it appears probable that such a change is a consequence of irreversible changes in the domain structure of the alloys under the action of the stresses. There are 7 figures, 2 tables, and 7 references (3 Russian-language Soviet, 1 German, and 3 English-language, of which one in Russian translation).

Card 2/2

LAGWINSKI, W.

Parameters of magnetic recording heads. Przem inst telekom
prace 13 no.40:37-46. '63.

1. Zakład Konstrukcji Telekomunikacyjnych i Radiofonii,
Politechnika, Warszawa.

LAGWINSKI, W.

Influence of the registering head and the magnetic carrier
on the binary information recording and reproducing process
in utilizing the state of saturation of the magnetic medium.
Przem inst telekom prace 14 no. 44:45-55 '64.

1. Institute of Telecommunication Systems and Radiophony,
Technical University, Warsaw.

L 24630-66

ACC NR: AP6011818

SOURCE CODE: PO/0019/66/015/001/0073/0080

AUTHOR: Lagwinski, W. Z.

22
B

ORG: Chair for Computer Design, Warsaw Polytechnic (Katedra Budowy Maszyn Matematycznych, Politechnika Warszawska)

TITLE: Dependence of the magnetic-head resolving power on the shape of pole tips

SOURCE: Archiwum elektrotechniki, v. 15, no. 1, 1966, 73-80

TOPIC TAGS: magnetic recording, recording density, recording method

ABSTRACT: The paper contains a discussion of some problems concerning the increase of magnetic recording density. The author demonstrates two different methods of solving these problems. The first consists in decreasing simultaneously the head to coating distance and recording-gap length; the second employs the choice of pole-tip contour. The computed results presented in the paper make it possible to compare the efficiency of both methods and can be considered as a basis for an analysis of their suitability in respect to different kinds of magnetic memories. Orig. art. has: 8 figures. [Based on author's abstract]

SUB CODE: 20/ SUBM DATE: 16Jul65/ ORIG REF: 002/ OTH REF: 004

Card 1/1 *sla*

LAGYGIN, N.F., inzh.

Graphic analytic method of determining the place for laying
the trench and the direction of the movement of the opera-
tion front during the working of a deposit of heterogeneous
carbonate rock. Sbor. trud. NIIZHelezobetona no.8:115-123 '63
(MIRA 18:1)

LAGYI, Istvan

Data on the history of Hungarian photogrammetry. Geod kart
15 no.3:223-225 '63.

LAGYI, Istvan

Marginal notes on the history of photogrammetry. Geod kart
16 no. 1: 56-59 '64.

LAGYI, Istvan

Stages of development of Hungarian photogrammetry. Geod kart
16 no.2:131-134 '64

LAGZDINS, Edgars; SKLENNIKS, C., red.; BOKMANIS, R., tekhn. red.

[Silicones are the best water-repellents for building materials]
Silikoni - labakie buvmateriālu hidrofofizatori. Rīga, Latvijas
PSR Zinatnu Akad. izdevnieciba, 1961. 31 p. (MIRA 15:5)
(Building materials) (Water proofing) (Silicones)

LAGZDINS, Edgars; ROZENBERGA, R., red.

[Gypsum and its utilization] Gipsis un ta izmantosana.
Riga, Latvijas PSR Zinatnu akad. izd-ba, 1963. 70 p.
[In Latvian] (MIRA 17:6)

L 44591-66 EWT(m)/EWP(j) IJP(c) RM

ACC NR: AP6015677 (A) SOURCE CODE: UR/0413/66/000/009/0077/0077

24
B

INVENTOR: May, L. A. ; Vayvad, A. Ya. ; Lagzdyn', E. A. ; Tserin' sh, O. K.

ORG: none

TITLE: Preparation of emulsion of organosilicon resins.¹⁵ Class 39, No. 181298¹⁵

SOURCE: Izobretniya, promyshlennyye obraztsy, tovarnyye znaki, no. 9, 1966, 77

TOPIC TAGS: emulsion, organosilicon resin

ABSTRACT: This Author Certificate introduces a method of preparing emulsions of organosilicon resins by hydrolysis of alkyl(aryl)chlorosilanes with a mixture of water and solvents. To enhance water resistance and antiadhesive properties, both polar and nonpolar organic solvents are suggested. The polar organic solvents include acetone, acetonitrile, and alcohol, while the nonpolar solvents include toluene, carbon tetrachloride, and 1,2-dichloroethane. [Translation] [LD]

SUB CODE: 11/ SUBM DATE: 10Jun64/

Card 1/1 *djm*

UDC: 678.84.02:66.093.8:547.1'113'128

LAH, France

Detecting vacuum leaks by the emission of positive ions. (To be
contd.) Elektr vest 27 no.11/12:415-416 N-D '59. (KEAI 10:1)

1. Institut za elektroniko, Ljubljana.
(Vacuum) (Ions)

S/194/62/000/007/062/160
D295/D308

AUTHOR: Lah, Francè

TITLE: Leak detection in vacuum systems by means of positive ion emission. Part II

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika, no. 7, 1962, abstract 7-3-30 n (Electrotehn. vestn., 28, no. 6-7, 1960, 137 - 139 [Sloven.])

TEXT: The circuit of a halogen-ion leak detector is described, the sensitive element of which is a platinum diode. The ion current of the latter is a function of pressure, of the anode temperature and of the diode voltage. In the interval 850 - 900°C the current depends little on temperature, and therefore the working temperature should be chosen in this interval. Under practical conditions the ion current amounts to 0.5 - 1.5 μ A; experiments have shown that, to obtain maximum sensitivity, the above value of current is optimum. The sensitivity is determined by means of leak standards, namely calibrated cylinders of 0.8 mm diameter providing up to 5×10^{-6} mm Hg x l/sec. leak rate. Experiments with methyl chloride
Card 1/2

Leak detection in vacuum systems . . . S/194/62/000/007/062/160
D295/D308

have shown that the leak detector can reveal up to 10^{-6} mm Hg x
l/sec. leak rates. With freon 12, 10^{-6} mm Hg x l/sec. and in cer-
tain cases, up to 10^{-8} mm Hg x l/sec. leak rates could be detected.
9 references. [Abstracter's note: Complete translation.]

ASSOCIATION: Inštitut za elektroniko, Yugoslavia

Card 2/2

LAH, France, inz.

Vacuum technics in modern production. Automatika 3 no.1:19-21 P '62.

LAH, France

State of the production of vacuum components in our country, and suggestions for its improvement. Nova prozv 13 no.1:13-14 '62.

JERIC, Sniljan; LAH, France

Our experiences with ultravacuum. Nova prozv 13 no.1:30-32
'62.

LAH, France

Vacuum measurement with the ionization gauge. Nova prozv 13
no.1:46-47 '62.

LAH, Jerina, dr

Blood transfusion services in various countries and in Yugoslavia.
Voj.san.pregl., Beogr. 17 no.10:1032-1039 0 '60.
(BLOOD TRANSFUSION)

CUPIC, V., prof. dr; KORAC, D., dr.; LAH, N., dr; VUKOVIC, I., dr

Erythrodermia desquamativa. Med.glasn. 14 no.6:337-338 Je '60.

1. Pedijatriska klinika Medicinskog fakulteta u Beogradu (Upravnik:
prof. dr M.Ambrozic)
(ERYTHRODERMA in inf & child)

CVORIC, Angelina; LAH, Nada

The problem of chronic pyuria in children. Srpski arh. celok. lek.
93 no.1:57-67 Ja '65.

1. Institut Socijalisticke Republike Srbije za zdravstvenu zastitu
majke i deteta u Beogradu (Direktor: prof. dr. Vukan Cupic).

LAHAJNAR, Gojmir

The Cherenkov counters. Obz mat fiz 11 no.3:121-127 0 '64.

1. Jozef Stefan Nuclear Institute, Ljubljana.

LAHAJNAR, Gozmir

Optical pumping. Obz mat fiz 10 no.1:34-43 Ap '63.

1. Institut J. Stefan, Ljubljana.

EYZEN, O. [Eisen, O.], kand. tekhn. nauk; ARUMEYEL, E. [Arumeel, E.];
EYZEN, Yu. [Eisen, J.]; RAUDE, Kh. [Raude, H.]; PYDER, I.
[Poder, I.]; KIRRET, O.; LAKHE, L. [Lahe, L.]; VYANIKVER,
M. [Vanikver, M.]

Determining the individual composition of the middle
fractions of oil-shale tar by the gas chromatographic
and the spectrum analysis methods. Izv. AN Est. SSR. Ser.
fiz.-mat. i tekhn. nauk 13 no.2:135-142 '64.

(MIRA 17:9)

1. Institut khimii AN Estonskoy SSSR. 2. Chlen-korrespondent
AN Estonskoy SSR (for Kirret).

LAHITA, I.

Analysis of mortality among gypsy children in eastern
Czechoslovakia for the period 1961 to 1962. Cesk. pediat.
19 no.8:740-747 Ag '64.

1. Krajsky ustav narodneho zdravia v Kosiciach (riaditel dr.
M. Juscak).

LAHMAN, O.

Yugoslavia (430)

Agriculture - Plant and Animal Industry

Our fishermen in the Pacific. p. 18. MORSKO
RIBARSTVO, Vol. 4, no. 1-2, 1952.

East European Accessions List. Library of Congress,
Vol. 1, no. 14, Dec. 1952. UNCLASSIFIED

LAHMAN, O.

"Makarska coast and its fisheries in the past. p. 176. The fish industry should be amalgamated. p. 177. Fishing net factory in Zadar; a consultation with consumers. p. 179. Dolphins and sharks; raw materials for valuable products. p. 180. A conference of experts of the fish industry; plan of development. p. 181. (MORSKO RIBARSTVO, Vol. 4, no. 11/12, 1952, Zagreb, Yugoslavia)

SO: Monthly List of East European Accession, Vol. 2, #8, Library of Congress
August, 1953, Uncl.

LAHMAN, O.

Yugoslavia (430)

Agriculture-Plant and Animal Industry

Fisheries in Sucuraj, on Hvar Island. p. 42
MORSKO RIBARSTVO. Vol. 4, no. 3/4, 1952

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Vol. 2, no. 3 March 1953. UNCLASSIFIED

LANMAN, O.

LANMAN, O. Fisheries in Sicily; fishing for tunny in stationary tunny fishing grounds. p. 266.

Vol. 7, No. 10, Oct. 1955.

MORSKO HVARSTVO
AGRICULTURE
Rijeka, Yugoslavia

So: East European Accession, Vol. 5, No. 5, May 1956

LAHMEN, G.

Along the Thames River. Geogr hor 10 no.3:34-38 '64.

Lahn, V.

C Z E C H

✓ Estimating the working ability after infectious hepatitis. The influence of work load on the blood level of lactic acid and on some respiratory functions. A. Měcl, V. Petera, V. Lahn, and J. Kubiček (Klin. chorob vnitřních, Píseň, CZECH.). *Časopis Lékařů Českých* 93, 707-18 (1954); cf. C.A. 48, 13037g.—The curves of lactic acid (L) levels in blood, pulmonary ventilation, and O intake were studied in 20 subjects with infectious hepatitis after a load of 5 kg. work/kg. body wt. The L curve after exertion was elevated and prolonged in patients with hepatitis and in posthepatitis states. The ability of the liver to synthesize glycogen from I recovers more slowly than the other liver-function tests. I was estd. as AcH by the veratrole method. I. M. H.

3

LAHN, V

Influence of physical work upon the lactic acid level in infectious hepatitis. A. Mecl, V. Peters, V. Lahn, and J. Kubicek (Med. Clinic, Pilsen, Czech). *Acta Med. Scand.* 149: 311-16 (1954).--With the same amt. of work (5 kg./kg. body wt.) the blood level of lactic acid increases much more in persons suffering from infectious hepatitis than in healthy persons, and this elevation persists during convalescence. The lactic acid which the liver has been unable to remove affects unfavorably the efficiency of the work. The CO₂ liberated from the serum bicarbonate causes hyperventilation. All this is regarded as the main cause of the lassitude experienced in the acute stage of infectious hepatitis and in convalescence. S. Morgulis.

MECL, A.; PETERA, V.; LAHN, V.

Effect of physical effort on respiration in infectious hepatitis. Cas. lek. cesk. 94 no.39:1044-1047 23 Sept 55.

1. Z Interni kliniky a ustrednich laboratorii KUNZ v Plzni.
(HEPATITIS, INFECTIOUS, physiology, eff. of effort on resp. in.)
(RESPIRATION, in various diseases, hepatitis, infect., eff. of effort.)
(EXERCISE, effects, on resp. in infect. hepatitis.)

LAHN, V.

MECL, A.; PETERA, V.; LAHN, V.

Studies on a method of determination of working capacity in infectious hepatitis; clinical use of blood lactic acid and of certain respiratory functions following work load in evaluation of convalescence following infectious hepatitis. Cas. lek. cesk. 96 no.14:429-433 4 Apr 57.

1. Klinika chorob vnitřních a ústřední laboratoře KUNZ v Plzni.
(HEPATITIS, INFECTIOUS, physiology,
blood lactic acid & resp. index after work load in
convalescence (Cz))
(LACTIC ACID, in blood,
in convalescence after infect. hepatitis, after
work load (Cz))
(RESPIRATION, function tests,
in convalescence after infect. hepatitis, after work
load (Cz))

LAHN, VILEM

BOBEK, Karel; PETERA, Vojtech; LAHN, Vilem; JINDRA, Jaroslav; Karlicek, Vaclav;
SPEVACKOVA, Jarmila, Technicka apoluprace.

Transaminases in infective hepatitis. Cas. lek. cesk. 96 no.51:1571-
1576 20 Dec 57.

1. Klinika Chorob vnitrnich (prednosta prof. Dr K. Bobek) a infekcni
oddeleni KUNZ (prednosta prim. Dr J. Zdaril) v Plzni.

(HEPATITIS, INFECTIOUS, in blood
glutamic oxalacetic & glutamic pyruvic transaminases,
diag. value (Cz))

(TRANSAMINASES, in blood
glutamic oxalacetic & glutamic pyruvic transaminases in
infect. hepatitis, diag. value (Cz))

CHUDACEK, Z.; IAHN, V.

Blood protein level and excretion of biligradin. Cesk. rentg. 13 no.3:
192-198 June 59.

1. Ustredni rtg oddeleni, primar MUDr. A. Cípera, a ustredni laboratore,
prednosta prof. MUDr. K. Bobek, stat. fakultni nemocnice v Plzni. M.S.
Praha 1, Mala Strana, U Zelezne lavky 6/557. Zd. Chudacek, ustr. rtg odd.
KUNZ, Marxova 13, Plzen.

(CHOLECYSTOGRAPHY

eff. of dysproteinemia on biligradin excretion (Cz))

(BLOOD PROTEINS

dysproteinemia, eff. on biligradin excretion in cholecysto-
graphy (Cz))

MINAR, Jiri; IAHN, Vilem; FESSL, Vaclav

~~Value of the determination of transaminases in clinical anesthesiology.~~
Value of the determination of transaminases in clinical anesthesiology.
Cas. lek. cesk. 98 no.35:1100-1104 28 Aug 59

1. KUNZ - fakultni nemocnice, anesteziologicke oddeleni, vedouci
lekar MUDr. J. Mindar. Interni klinika lek. fakulty KU se sidlem v
Plzni, prednosta prof. MUDr. K. Bobek. I. chirurgicka klinika lek.
fakulty KU se sidlem v Plzni , prednosta doc. MUDr. K. Domansky.

(TRANSAMINASES, blood)

(ANESTHESIA, blood)

PETERA, V.; BOBEK, K.; LAHN, V.; technicka spoluprace SPIROCHOVA, J.

Activity of SGOT, SGPT and lactic dehydrogenase in therapy.
Cesk. gastroent. vyz. 15 no.4:241-246 Je '61.

1. Klinika chorob vnitrich v Pizni, prednosta prof. dr. K. Bobek.
(TRANSAMINASES blood) (LACTIC DEHYDROGENASE blood)
(TESTOSTERONE rel cpds)

DORT, Vaclav; LAHN, Vilem

Transaminases in infectious jaundice of childhood. Cesk.pediat.
16 no.3:223-227 Mr '61.

1. Detska klinika (prednosta doc. MUDr. Jiri Lukes) a klinika
chorob vnitrich)prednosta prof. MUDr. Karel Bobek) lekarske
fakulty KU v Plzni.

(HEPATITIS INFECTIOUS blood)

(TRANSAMINASES blood)

PETERA, V.; CHUDACEK, Z.; LAHN, V.; technicka spoluprace VELISKOVA, L.

Effect of methyltestosterone on the secretion of biligradin into
the biliary tract. Cesk. gastroent. vyz. 15 no.4:247-249 J̄e '61.

1. Klinika chorob vnitrnich v Pizni, prednosta prof. dr. K.Bobek
Centralni rtg oddeleni KUNZ v Pizni.
(CONTRAST MEDIA metab) (TESTERONE rel cpds)
(CHOLANGIOGRAPHY)

SAMAN, K.; LARN, V.; VIRT, S.; technicka spoluprace SPEVACKOVA, J.

Excretion of 5-hydroxyindolacetic acid in glaucoma patients. Cesk. ofth. 17 no.7:487-494 N '61.

1. Očni klinika lekárske fakulty KU v Plzni, prednosta prof. dr. R. Knobloch Interni klinika lekárske fakulty KU v Plzni, prednosta prof. dr. K. Bobek.

(GLAUCOMA urine) (INDOLACETIC ACID urine)

CZECHOSLOVAKIA

P. BAUDIS, V. LAHN, J. VANA and S. VIRI, Psychiatric Clinic of the Medical Faculty of Charles University and Central Biochemical Laboratory of the Teaching Hospital (Psychiatricka klinika lekarste fakulty Karlovy University a ustreadni biochemicka laborator fakultni nemocnice) Pilsen.

"Metabolism of Serotonin in Psychotics."

Prague, Czechoslovakian Psychiatry, Vol 58, No 6, 1962, pp 377-382.

Abstract [English summary modified]: Studies of 5-hydroxy-indolacetic acid excretion in 32 psychotic patients and 50 normal controls. In 12 patients of the schizophrenic and manic-depressive group excretion was essentially identical with that in the controls. Iproniazid and electric shock therapy changed the excretion; the former in both directions, the latter increasing it. Serotonin administration decreased excretion in 10 schizophrenics. Flow schema of tryptophan indole metabolites; 4 graphs; 4 Czech and 18 Western references.

1/1

CHUDACEK, Z.; LAHN, V.: Technicka spoluprace: VELISKOVA, L.

Dehydrochol and biligraphy. Cesk. rentgen. 17 no.4:261-263
Jl '63.

1. Ustredni rentgenove oddeleni Statni fakulni nemocnice v
Plzni, vedouci MUDr. Z. Chudacek, CSc. Ustredni biochemicka
laborator Statni fakulni nemocnice v Plzni, vedouci MUDr.
et RNDr. V. Lahn.

(CHOLANGIOGRAPHY) (CHOLECYSTOGRAPHY)
(BILE ACIDS AND SALTS)

Cardiology

9

CZECHOSLOVAKIA

SOVA, J.; PAICHL, P.; ~~VANEK, J.~~; POKORNY, M.; HULA, J.; JANEK, A.; CAJZL, L.; CEPELAK, V.; PETEROVA, E.; SIGHUND, R.; ~~LAHN, V.~~; VOHNÍK, S.; Clinic of Internal Diseases, Med. Fac., Charles Univ. (Klinika Chorob Vnitřních Lek. Fak. KU), Plzen, Prednosta (Head) Prof Dr J. SOVA; Internal Department Local Institute of National Health, Factory Hospital (Interní Oddělení MUNZ Zavodni Nemocnice Odborového Podniku) Skoda, Plzen, Head (Prednosta) Docent Dr M. POKORNY; Psychiatric Clinic Med. Fac. Charles University (Psychiatrická Klinika Lek. Fak. KU), Plzen, Head (Prednosta) Prof Dr E. VENCOVSKY; Siskl Pathological and Anatomical Institute Med. Fac. Charles University (Siskl Patologickoanatomický Ustav Lek. Fak. KU), Plzen; Head (Prednosta) Prof Dr J. VANEK; Group for the Development of Programming Methods (Skupina Rozvoje Programovacích Metod v Odborovém Podniku) Skoda, Plzen, Head (Vedoucí) A. KATOEICKY; Chair of Mathematics, Electrotechnical Faculty College of Mechanical Engineering (Katedra Matematiky Elektrotechnické Fakulty VSSE), Plzen, Head (Vedoucí) Docent J. KLATIL; Central Biochemical Laboratory (Ustřední Biochemické Laboratoře) FN, Plzen, Head (Prednosta) Dr V. LAHN.

"Use of Digital Computers in the Evaluation of Pathogenesis, Diagnosis, and Prognosis of Myocardial Infarction."

... 1966, No. 2, pp. 17-25, Jun 66, pp 683-

CZECHOSLOVAKIA

Prague, Casopis Lekarů Ceských, Vol 105, No 24-25, 17 Jun 66, pp 683-684

Abstract: Computer evaluation of data obtained in the study of acute infarct of the myocardium is described. 280 indicators were used which allowed the use of 2200 characteristic codes. A 50 page code was prepared. All 280 indicators use numbers 1 to 9, and data on one patient are contained on 4 cards. The first problem is the determination of the frequency of correlation complexes of the most important signs of an acute myocardial infarct.
2 Western references

2/2

- 9 -

CZECHOSLOVAKIA

BAUDIS, P.; LAHN, V.; Psychiatric Clinic, Medical Faculty, Charles University (Psych. Klin. Lek. Fak. KU), Plzen.

"Excretion of 5-Hydroxyindolylacetic Acid After Administration of Nialamide Infusions."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, pp 369-370

Abstract: Application of Niamide did not influence the amount of 5-hydroxyindolylacetic acid in the urine. In depressive patients where Nialamide did not achieve an improvement, an oscillation of these values around normal was found. No correlation between improvement of the psychic condition and MAO inhibition was found. The patients in whom Nialamide treatment was successful showed higher base-line values of excretion of the 5-hydroxyindolylacetic acid than patients who were therapeutically resistant to Niamide. No references. Submitted at the 8th Annual Psychopharmacological Meeting at Jesenik, 18 - 22 Jan 66.

1/1

SUVA, J.; LAHN, V.; MATEJKA, M.

Effect of orotic acid on liver lesions and its relation to the enzymatic activity. Acta univ. carol. [Med] Suppl. 15:131-138 '61.

1. Farmakologicky ustav (prednosta prof. MUDr. Z. Kocher), klinika
chorob vnitrnich (prednosta prof. MUDr. K. Bobek), histologicko-
embryologicky ustav (prednosta prof. MUDr. a RNDr. O. Slaby)
lekarske fakulty University Karlovy se sidlem v Pizni.
(OROTIC ACID pharmacol) (LIVER DISEASES exper)
(TRANSAMINASES blood)

LAHNER, O., inz.

Tunnel furnace trucks of refractory concrete. Stavivo 42 no.2:
69-71 F*64.

1. Teplotechna National Enterprise, Olomouc.

LAHO, L.

"Contribution to the selective fermentation of glucose and fructose by means
of wine yeasts"

BIOLOGIA, Slovenska akademia vied, Bratislava, Czechoslovakia, Vol. 13, No. 12, 1958.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.
Uncl.

LAHO, L.; NAVARA, A.; MINARIK, E.

Chromatographic proof of the fermentability of diagnostic sugars. p. 240.

KVASNY PRUMSYI. Praha, Czechoslovakia. Vol. 5, no. 10, Oct. 1959.

Monthly List of East European Accessions (EEAI), IC, Vol. 9, no. 2, Feb. 1960.
Uncl.

COUNTRY : CZECHOSLOVAKIA E-27
CATEGORY :
LAHO L
ABS. JOUR. : RZKhim., No. 1959, No. 72929
AUTHOR : Minarik, E.; Laho, L.; Navara, A.
INST. :
TITLE : Use of Paper Chromatography for Identification
of Brewer's Yeast

ORIG. PUB. : Polnohospodarstvo, 1959, 6, No 1, 15-28

ABSTRACT : Description of a chromatographic method of investigation of the fermentation of sugars used in the identification tests, by brewer's yeast, which in conjunction with the known visual methods makes it possible to determine more readily and with greater precision the fermentability of sugars, particularly of raffinose and galactose. -- Yu. Chel'tsova.

CARD: 71

89

LAHO, Ladislav, C.Sc.Inz.

2d International Wine Competition in Budapest. Vestnik CSAZV 7 no.12:
659-660 '60. (EEAI 10:4)

1. Vyskumny ustav pre vinohradnistvo a vinarstvo Pobočky Československéj
akademie polnohospodarských ved, Bratislava.
(Wine and wine making)

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

1ST AND 2ND ORDERS PROCESSES AND PROPERTIES INDEX 3RD AND 4TH ORDERS

CA 27

COMMON ELEMENTS

Asphalts in Polish petroleum. ZYGMUNT LAHOĆIŃSKI *Przemysł Naftowy* 7, 98-4(1932).—Polish petroleum from 5 wells yielded 7.7-30.3% asphalts, m. 34-35.5°; these were fractionated into oil 40.3-46.9%, oil tar 12.7-21.2%, asphalt tar 28.5-39% and asphaltenes 0.0-11.4%. I. WIERTHAK

MATERIALS INDEX

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

GROUPS # 1ST AND 2ND ORDERS 3RD AND 4TH ORDERS

ALPHABETICALLY FROM GROUPS

GROUPS # 1ST AND 2ND ORDERS 3RD AND 4TH ORDERS

ALPHABETICALLY FROM GROUPS

LAFCO 31, 6.

Difficulty of applying petroleum standards in practice. p. 606

ROMANIZACJA vol. 23, no. 11, Nov. 1955

Poland

so. THE EUROPEAN ASSOCIATION LIST vol. 5, no. 10 Oct. 1956

LAHOCINSKI, ZYGMUNT

POLAND/Chemical Technology. Chemical Products and Their Application.
Treatment of Natural Gases and Petroleum. Motor and Rocket
Fuels. Lubricants. H-23

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15747.

Author : Lahocinski Zygmunt.

Inst :

Title : New Technological Processes at Petroleum Refineries.

Orig Pub: Wiadom, naft., 1957, 3, No 7, 10-12.

Abstract: Description of the process of carbonization of heavy petroleum residues in a fluidized layer which is used in the United States.

Card : 1/1