

LOVTSYUS, G.P.; U.S.S.R.
 LOVTSYUS, G.P.

5(2); 21(5) PHASE I BOOK EXPLOITATION SOV/1900
 Akademiya nauk SSSR. Komissiya po analiticheskoj khimii
 Primeneniye radioaktivnykh izotopov v analiticheskoj khimii
 (Use of Radioactive Isotopes in Analytical Chemistry) Moscow
 Izd-vo An SSSR, 1958. 366 p. [Series: Rus. Transl., t. 9 (12)]
 Errata slip inserted. 3,000 copies printed.
 Mess. M.: I.P. Alimarin, Corresponding Member, USSR Academy
 of Sciences; Ed. of Publishing House: A.M. Terenkov; Tech.
 M.: T.V. Polyakova.
PURPOSE: The book is intended for chemists and chemical
 engineers concerned with work in analytical chemistry.
COVERAGE: The book is a collection of the principal papers
 presented in Moscow at the Second Conference on the Use of
 Radioactive Isotopes. The problems discussed at the
 conference included coprecipitation, aging, and solubility
 of precipitates, determination of the instability constants

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of complex compounds, separation of rare earth metals, and
 ion-exchange chromatography. No personalities are mentioned.
 There are 38 references, 175 of which are Soviet, 33 German,
 19 French, 8 Swedish, 2 Hungarian, and 2 Czech.

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Use of Radioactive Isotopes (cont.)	SOV/1900
Orlitz, A.A., and I.I. Murulina. Methodology of Using Radioactive Indicators for the Process Control in the Production of Rare Metals	333
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(11)

KLOKMAN, V.R.; LOVTSYUS, G.P.; MEL'NIKOVA, A.A.

Distribution of the radioactive isotope of lead, ^{210}Pb , between
the melt and crystals of alkali metal halides. Radiokhimiya 1
no.3:247-252 '59. (MIRA 12:10)
(Lead--Isotopes) (Alkali metal halide crystals)

STARIK, I.Ye.; SOBOTOVICH, E.V.; LOVTSYUS, G.P.; LOVTSYUS, A.V.; SHATS, M.M.

Determination of the lead content and of its isotope composition
in iron meteorites. Radiokhimiya 1 no.5:596-602 '59.

(MIRA 13:2)

(Lead--Analysis) (Meteorites)

3(1)

AUTHORS:

Starik, I. Ye., Corresponding Member, SOV/20-128-4-14/65
AS USSR, Sobotovich, E. V., Lovtsyus, G. P., Shats, M. M.,
Lovtsyus, A. V.

TITLE:

Isotopic Composition of Lead in Iron Meteorites

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 128, Nr 4, pp 688-690
USSR

ABSTRACT:

C. Patterson et al. (Refs 1,3) found the same composition with respect to lead isotopes in 3 different meteorites, i.e. Pb^{204} 1; Pb^{206} 9.5; Pb^{207} 10.4; Pb^{208} 29.5. His data are in good accordance with the theoretically predicted isotopic composition of lead in iron meteorites. Several authors theoretically computed the isotopic composition of the original lead, extrapolating back into the past (4.5 billion years) the change in the isotopic composition of the lead of varying age found in ore. The values obtained in this way are close to those established experimentally by Patterson. The authors intended to carry out a close investigation of the problem mentioned in the title. They first examined the lead content of the Sikhote-Alin' and Chinge meteorites (I. Ye. Starik,

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Isotopic Composition of Lead in Iron Meteorites

SOV/20-128-4-14/65

E. V. Sobotovich, G. P. Lovtsyus, Ref 2). The lead content of these meteorites in the metallic phase is less by at least one order of magnitude than that published by Patterson for the Cañon Diavolo meteorite ($3.7 \cdot 10^{-7}$ g/g). The isotopic composition of the troilite and of the metallic phase of the Sikhote-Alin' meteorite are entirely different from the Patterson data. Because of this discrepancy the authors analyzed the meteorites examined by Patterson. The meteorite samples were chemically separated and the lead was pyrochemically removed (E. V. Sobotovich, Ref 4). Table 1: degree of impurity of the meteorite caused by foreign lead. This impurity caused by foreign lead is only 10-24%. Assuming that iron meteorites contain original lead, the impurity by ordinary lead must be at least 1000% of its cosmic content. These experiments confirmed the results obtained on content and isotopic composition of the lead in the analyzed iron meteorites and they made possible to introduce a correction for the foreign-lead impurity. Table 2 contains data on the isotopic composition of the lead in 3 iron meteorites and the troilites contained in them. According to it the composition

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Isotopic Composition of Lead in Iron Meteorites

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of the Sikhote-Alin' and Hanbury meteorites is the usual and the isotopic composition of the lead in the ore is analogous to an age of several hundreds of millions of years. The results obtained by the authors are factually valid for the lead contained in the iron meteorite and they cannot be explained by impurities caused by ordinary lead during the analysis. According to the results of the present paper the meteorites have no common genesis in spite of the generally accepted theory. Possibly some of them do not belong to our solar system or they were formed under conditions when lead originating from radioactive processes was already present. These meteorites therefore cannot be as old as was previously assumed. If these meteorites do not originate from our solar system, nothing precise can be said about them. If they come from our solar system they have developed 400-500 millions of years ago. The authors express their acknowledgements to the Komitet po meteoritam AN SSSR (Committee for Meteorites of the AS USSR) and the Estonskiy geologicheskii institut (Estonian Geological Institute) for putting at their disposal the meteorite samples. There are 2 tables and 4 references, 2 of which are Soviet.

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Isotopic Composition of Lead in Iron Meteorites

SOV/20-128-4-14/65

ASSOCIATION: Radiyevyy institut im. V. G. Khlopina Akademii nauk SSSR
(Radium Institute imeni V. G. Khlopin of the Academy of
Sciences, USSR)

SUBMITTED: July 6, 1959.

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STARIK, I.Ye.; SOBOTOVICH, E.V.; LOVTSYUS, G.P.

Determining the lead content of iron meteorites. Meteoritika no.19:
100-102 '60. (MIRA 13:11)

(Meteorites--Analysis)

(Lead)

S/020/60/134/003/006/020
B019/B060

AUTHORS: Starik, I. Ye., Corresponding Member of the AS USSR,
Sobotovitch, E. V., Lovtsyus, G. P., Shats, M. M.,
Lovtsyus, A. V.

TITLE: Lead and Its Isotopic Composition in Iron Meteorites

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 134, No. 3,
pp. 555 - 558

TEXT: By way of introduction the authors refer to their discovery (Ref. 1) that meteorites contain lead with various isotopic compositions. The present article deals with the investigation of all main groups of iron meteorites (octahedrites of various structure, hexahedrites, and ataxites). From two to three quantitative analyses were made on all of the 12 meteorites investigated, and the isotopic composition of lead was determined at the same time. The results tabulated in Table 1 show that in the majority of these meteorites the isotopic composition of lead corresponds to that of terrestrial lead. No intermediate isotopic composition of lead was discovered. Judging from their composition, the

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Lead and Its Isotopic Composition in Iron Meteorites S/020/60/134/003/006/020
B019/B060

12 meteorites can be classified into two groups. The first comprises four meteorites of the same isotopic composition of lead as was first ascertained by Patterson (Ref. 2) and later by the authors themselves. These meteorites are octahedrites of various structures and contain

1 - $2 \cdot 10^{-7}$ g Pb per gram. The second group comprises the remaining eight meteorites containing lead with an isotopic composition corresponding to terrestrial lead of various ages. All principal meteoritic groups are represented here. All hexahedrites and ataxites thus belong to that group which contains lead in terrestrial isotopic composition. In them, the lead concentration lies at the lower distribution limit of

2 - $4 \cdot 10^{-8}$ g Pb per gram. The same lead content was established for coarsely structured octahedrites. A lead content of $2 \cdot 10^{-7}$ g Pb per gram was found for medium-structured octahedrites. The first group did not exhibit any marked inhomogeneity in the lead distribution, while the inhomogeneous lead distribution in the second group accounted for difficulties encountered in the determination of the lead content. There are cases in which meteoritic surface zones contain more or less lead

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Lead and Its Isotopic Composition in Iron
Meteorites

S/020/60/134/003/006/020
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than the core. Closer studies are required to explain this. No relationship was established between the lead content and the isotopic composition on the one hand, and the type and structure of iron meteorites on the other. Reference is made to the one to two times larger lead content in troilite inclusions as compared with the content in the iron-nickel phase. Indications regarding the formation of iron meteorites were inferred from the existence of two analogous groups. The conclusion is drawn from the existence of two analogous groups in stony meteorites that the analogous groups originate from a parental body. The authors thank L. G. Kvash and A. A. Yavnel for their valuable advice. They further thank the komitet po meteoritam AN SSSR (Committee on Meteorites of the AS USSR), the komitet po meteoritam AN BSSR (Committee on Meteorites of the AS BSSR), the Tartuskiy geologicheskii muzey (Tartu Geological Museum), and the Deningradskiy gornyy muzey (Leningrad Mining Museum). There are 1 table and 5 references: 3 Soviet and 2 British.

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Lead and Its Isotopic Composition in Iron
Meteorites

S/020/60/134/003/006/020
B019/B060

ASSOCIATION: Radiyevyy institut im. V. G. Khlopina Akademii nauk SSSR
(Radium Institute imeni V. G. Khlopin of the Academy of
Sciences USSR)

SUBMITTED: June 4, 1960

Card 4/4

STARIK, I.Ye.; RAVICH, M.G.; KRYLOV, A.Ya.; SILIN, Yu.I.; ATRASHENOK, L.Ya.;
LOVTSYUS, A.V.

Recent data on the absolute age of rocks in eastern Antarctica. Dokl.
AN SSSR 134 no.6:1421-1423 O '60. (MIRA 13:10)

1. Radiyevyy institut im. V.G.Khlopina Akademii nauk SSSR. 2. Chlen-
korrespondent AN SSSR (for Starik).
(Antarctic regions--Rocks) (Geological time)

STARIK, I.Ye.; SOBOTOVICH, E.V.; LOVTSYUS, G.P.; SHATS, M.M.; LOVTSYUS, A.V.

Isotopic constitution of lead in iron meteorites. Meteoritika no.20:
103-113 '61. (MIRA 14:5)

(Meteorites) (Lead--Isotopes)

STARIK, I.E., SOBOTOVICH, E.V., SHATZ, M.M., LOVTZUS, G.P.

Uranium and lead in the "tectites."

40

"METEORITKA" (Meteorites-Studies) Issue no. 20 - 1961, sponsored by the
"Committee on Meteorites" of the Soviet Academy of Sciences - Moscow - 1961,
208 pages, and containing Collected Works ("Trudy") of the "9th Meteorite Conference"
Organized by the Committee on Meteorites of the Soviet Academy of Sciences and
Held in KIEV on 2-4 June 1960.

STARIK, I.Ye.; SOBOTOVICH, E.V.; LOVTSYUS, G.P.

Pyrochemical methods for lead separation from natural formations.
Biol.Kom.po opr.abs.vozr.geol.form. no.4:114-127 '61. (MIRA 15:1)
(Lead)

STARIK, I.Ye.; ~~LOVTSYUS, G.P.~~; SOBOTOVICH, E.V.; GRASHCHENKO, S.M.;
SHATS, M.M.; LOVTSYUS, A.V.

Isotopic composition of lead in meteorites in connection with their
origin. *Biul.Kom.po opr.abs.vozr.geol.form.* no.5:12-25 '62.
(MIRA 15:11)

(Meteorites) (Lead--Isotopes)

SOBOTOVICH, E.V.; LOVTSYUS, G.P.; LOVTSYUS, A.V.

New data on the content and isotopic composition of lead
in stone meteorites. Meteoritika no.24:29-33 '64.

(MIRA 17:5)

LOVUSHKIN, V.N., inzh.

Three-phase static d.c. voltage converter. Izv. vys. ucheb. zav.;
energ. 7 no.12:28-32 D '64. (MIRA 18:2)

1. Moskovskiy aviatsionnyy institut imeni S. Ordzhonikidze.

L 45601-66 EWT(1)/EWT(m)/EWP(t)/ETI IJP(c) JD

ACC NR: AP6021936

SOURCE CODE: UR/0143/66/000/003/0110/0113

AUTHOR: Lovushkin, V. N. (Engineer)

ORG: Moscow Aviation Institute imeni S. Ordzhonikidze (Moskovskiy aviatsionnyy institut)

TITLE: Three-phase inverter 15

SOURCE: IVUZ. Energetika, no. 3, 1966, 110-113

TOPIC TAGS: circuit design, semiconductor diode, triode tube, direct current, alternating current, rotary electric power converter, rotary inverter, electric motor, coupling circuit

ABSTRACT: A circuit of a three-phase d-c voltage converter for feeding a-c induction and synchronous motors is described. The lowest possible number of semiconductor devices are used in the circuit. The converter can have three output transformers with the primary windings w_1 in a Y-connection, or a single three-phase transformer. The magnetizing current drawn by the transformer is assumed to be equal to zero. The curves of voltages (currents) in the Tr2 and Tr1 transformer windings advance and lag 120 electrical degrees behind the corresponding curves of the Tr3 transformer's primary windings. The voltages induced in the base and coupling windings w_b and w_c , respectively, are of similar form. When the converter has an inductance-conductance load the form of the winding voltage does not change but the form of the current in

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ACC NR: AP6021936

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the primary winding does change. The utilization of the positive feedback windings w_p makes it possible to keep the inverter triode open or closed for the required length of time. The correct switching sequence of the inverter triodes is effected by drive circuits consisting of coupling windings w_c located on the cores of the Tr1, Tr2, and Tr3 transformers and of output windings w_o located on the Tr4 output transformer of the master oscillator. The distinguishing feature of the converter is the successive connection of the w_p , w_c , and w_o windings in the base circuit of each inverter triode which simplifies the converter circuit and raises the synchronization efficiency when the change from zero to nominal load is made. The amplitude of square pulses induced in the w_o windings must be half the amplitude of the voltage induced in the w_c windings. The converter's output voltage frequency and its stability is determined solely by the master oscillator frequency which must be thrice higher than the output voltage frequency. An experimental model of a converter was built in accordance with the circuit described above. The model was made of EZ10 electrotechnical steel, triodes and diodes, and a feed voltage of 27 v. The output linear voltage of the converter is 40 v, the frequency is 500 cps, the output power is 100 w, the weight is 900 g, and the efficiency is 90%. Orig. art. has: 5 figures and 2 formulas.

SUB CODE: 09, 10/ SUBM DATE: 11Feb65/ ORIG REF: 003

Card 2/2 *slw*

Lovy, D.
BRAUNER, R., Prof.; ANGELESCU, H., dr.; BELIGAN, Gr., dr.;
MACEDONESCU-MICHELL, Irina, dr.; GHINEA, Gh., dr.; LOVY, D., dr.

Study of sequelae of epidemic hepatitis. Med. int., Bucur.
9 no.2:198-206 Feb 57.

1. Lucrare efectuata in Clinica medicala a Spitalului
"Brincovenesc."

(HEPATITIS INFECTIOUS, complications
gastrointestinal disord., liver cirrhosis & depressive
states)

(GASTROINTESTINAL DISEASES
cholecystitis, enterocolitis, gastritis, caused by
infect. hepatitis)

(LIVER CIRRHOSIS, etiol. & pathogen.
hepatitis, infect.)

LOVY, Oskar, MUDr.; ROTMAN, Jan, MUDr.

Expansion of regions as a method of improvement of medical care
for workers of small plants and factories. Cesk. zdravot. 4 no.6:
344-348 June 56.

1. Zdravotnický odbor rady UNV hl. m. Prahy.
(INDUSTRIAL HYGIENE,
in Czech., regional organiz. of care for workers of
small plants (Cz))

LOVY, Oskar, MUDr.

Development of the polyclinical system and of ambulatory preventive medical care for inhabitants of the capital city. Cesk. zdravot. 5 no.5:253-260 May 57.

1. Prednosta oddeleni lecebne preventivni pece zdravotnickeho odboru rady UNV hl. m. Prahy. MUDr. Josef Sosty. Vedouci zdravotnického odboru rady UNV hl. m. Prahy.

(HOSPITALS,

in Czech., polyclinics in cities (Cz))

(OUTPATIENT SERVICES,

ambulatory serv. for city population in Czech. (Cz))

BOROVSKIY, V.G., inzh.; VILLOMSEN, V.V., inzh.; VYAZOVIKIN, V.N., inzh.;
KALINICHEV, G.V., inzh.; LOVYAGIN, A.I., inzh.; LYZO, B.G., inzh.

Improvement in the design of tubular diesel-hammers. Stroi. i dor.
mash. 9 no.7:17-19 J1 '64. (MIRA 18:3)

Lovyagin, B

107-8-21/62

AUTHOR: Lovyagin, B., Head of the MINSK Provincial Radio Club

TITLE: Competition Chronicle (Khronika sorevnovaniya)

PERIODICAL: Radio, 1957, # 8, p 13, col 3 (USSR)

ABSTRACT: The MINSK Provincial Radio Club accepted the challenge of the GOMEL' radio amateurs to the competition and undertook additional obligations.

Instead of eight, fifteen wireless operators-competitors of the first category will be prepared. One amateur radio club and five radio circles will be created.

Five exhibits will be prepared for the 14th All-Union Exhibition by radio amateurs designers. In MINSK and its province, there are already 38 short wave and ultra short wave and individual and collective radio stations.

Public instructors, jury-members for radio amateur competitions and radio operators will be trained.

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TITLE: Competition Chronicle (Khronika sorevnovaniya)

INSTITUTION: None

107-8-21/62

PRESENTED BY:

SUBMITTED:

AVAILABLE: At the Library of Congress

Card 2/2

ZOZULYA, M.; REYDLER, Ya.; GORBACHEV, P.; LOVYAGIN, B.; ROZHNOV, V.; KALMYKOV, O. (068100).

Radio club collectives are competing! Radio no.8:13-14 Ag '57.
(MLRA 10:8)

1. Nachal'nik Krymskogo radiokluba (for Zozulya).
2. Nachal'nik Gomel'skogo radioklyba (for Gorbachev).
3. Nachal'nik Minskogo oblastnogo radiokluba (for Lovyagin).
4. Nachal'nik Stalinskogo oblastnogo radiokluba Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu. (for Rozhnov).
5. Instruktor Rostovskoy oblastnoy stantsii yunyh tekhnikov (for Kalmykov).

(Radio, Shortwave--Competitions)

LOVYAGIN, F.M.

Electric rotary-impact rock drill. Gor. zhur. no.10:43 0 '58.
(Rock drills--Patents) (MIRA 11:10)

LOVYAGIN, M.A., inzhener.

Inland waterway transportation docks. Sudostroenie 23 no.7:14-19
Jl '57. (MLRA 10:8)

(Docks)

LOVYAGIN, M.A., inzh.

Requirements of nonsinkability in floating docks. Sudostroenie
25 no.12:49-52 D '59. (MIRA 13:4)
(Docks) (Work boats)

LOVYAGIN, M.A., inzh.

Determination of the working forces in the use of a floating
dock to launch a ship. Sudostroenie 27 no.10:60-63 0 '61.
(MIRA 14:12)

(Ships--Launching)

SEMENOV-TYAN-SHANSKIY, Roman Veniaminovich; BREYEV, A.M., kand.
tekhn. nauk, retsenzent; LOVYAGIN, M.A., inzh., retsenzent;
KUSKOVA, A.I., red.; KOROVENKO, Yu.N., tekhn. red.

[Designing caisson docks] Proektirovanie kesson-dokov. Le-
ningrad, Sudpromgiz, 1963. 64 p. (MIRA 16:10)
(Caissons) (Floating docks)

LOVYAGIN, Mihail Aleksand: ovich; KORSAKOV, Vadim Mikhaylovich
[deceased]; TAGANER, Yako Borisovich; GARIN, Eduard
Nikolayevich; VYDREVICH, (ersh Itskovich; BEDERMAN,
Aleksandr L'vovich; BRAYNIN, Abram Isaakovich; GUBKIN,
Ivan Vasil'yevich; FINKEL', G.N., retsenzent; FOMENKO,
O.A., retsenzent; KLIORINA, T.A., red.

[Metallic floating docks] Metallicheskie plavuchie doki.
Leningrad, Sudostroenie, 1964. 335 p. (MIRA 18:1)

1977

USSR

OR

11
ETI

Author: Mikraail Aleksandrovich Korsakov, Larin Viktorovich Kazanov, Yakov
A. A. Tikhonov

1. Metalworking
2. Shipbuilding
3. 335 p. illus., bibl. (partly translated). 1,000 copies

TOPICS: service craft, floating dry dock, marine equipment

ABSTRACT: The book is a generalization of experience in the designing,
operation of metal vessels. The authors present results of
research of metal structures of ships. The authors present
data on determining part of the ship's hull and on
designing of metal structures of ships. The authors
present data on the design and operation of floating
dry docks. The authors present data on the design
of shipbuilding higher technical schools, universities and technical

- 5. Deformation determination, strength control and experimental strength
 a. of the docks - - 221
- 6. Dock installations - - 228
- 7. Docks - - 246
- 8. Power plants on the docks - - 259
- 9. Special designation docks - - 266
- 10. Special forms of vessel docking - - 283
- 11. Determination of exterior and operating dimensions of the floating docks
- 12. Application of technical progress to the construction of docks - - 311

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001ap64 081

OTHER: 089

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SOBOLEV, I.M.; SIMANKOV, G.M., otv. red.; KOVALEV, O.I., red.; KOGAN,
I.B., red.; LOVYAGIN, N.V., red.; NAZAROVA, N.V., red.;
GOL'DSHTEYN, L.Ye., red.; DURASOVA, V.M., tekhn.red.

[Guidebook to the city of Kuybyshev] Putevoditel' po gorodu
Kuibyshevu. Kuibyshev, Kuibyshevskoe knizhnoe izd-vo, 1962.
319 p. (MIRA 16:9)

(Kuybyshev--Guidebooks)

LOVYAGIN, V.A., inzh.

Alignment of mechanical stress amplitudes in rods of ultrasonic
oscillating systems. Mashinostroenie no.1:34-35 Ja-F '64.
(MIRA 17:7)

L 43889-66 SPT(M)/T/ENF(S) IJP(c) WW/RM

ACC-NR: AP6015657

SOURCE CODE: UR/0413/66/000/009/0072/0073

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44
B
14

INVENTOR: Sivograkova, K. A. ; Butyrina, N. P. ; Lovyagina, L. D.

ORG: none

TITLE: Method of obtaining a light-scattering organic glass. Class 39, No. 181276 [announced by State Scientific Research Institute of Polymerized Plastics and Experimental Plant (Gosudarstvennyy nauchno-issledovatel' skiy institut polimerizatsionnykh plastmass i eksperimental' nyy zavod)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 9, 1966, 72-73

TOPIC TAGS: organic glass, polymethylmethacrylate, light scattering, copolymer, ~~opacifier~~ glass opacifier

ABSTRACT: An Author Certificate has been issued for a method of obtaining a light-scattering organic glass with a base of polymethylmethacrylate by blending it with an opacifier, followed by granulation. To increase the strength of the organic glass and to improve its casting and light-scattering properties, a mixture of trifluorochloro-

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UDC: 678.744.335-196.2:678.473.2

L 43899-66

ACC NR: AP6015657

ethylene copolymer with vinylidene fluoride and barium sulfate is used as the opacifier. [Translation]

2

[NT]

SUB CODE: 11/
07/ SUBM DATE: 09Nov64/

Card 2/2 *297*

LOVYAGINA, T. N.

"The Effect of the Cerebral Cortex on the Process of Absorption
of Protein Decomposition Products." Cand Biol Sci, Leningrad State U,
Leningrad, 1953. (RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

USSR/Human and Animal Physiology. Metabolism.

T

Abs Jour: Ref Zhur-Biol., No 8, 1958, 36235.

Author : Lovyagina, T.N., Sinitina, T.A.

Inst :

Title : The Variants of Experimental Alimentary Hyper-
Cholesterolemia in Rabbits.

Orig Pub: sb. Ateroskleroz i kononaz nedostatochnost m.
Medgiz, 1956, 18-53

Abstract: Rabbits (61) on a growth ration, were fed daily for a period of 105-170 days 10 ml of a 5% solution of cholesterol (Ch) in sunflower oil. A constant dose of Ch produced in the rabbits various degrees of hypercholesterolemia (HCh); in 13% of the animals, regardless of the duration of Ch feeding (90-60 days) its blood content failed to increase significantly.

Card : 1/2

LOVYAGINA, T.N.

USSR/Human and Animal Morphology - Lipoid Metabolism.

R-3

Abs Jour : Referat Zhur - Biologii, No 16, 1957, 70525

Author : Sinitzina, T.A., Lovyagina, T.N.

Title : Experimental Variants in Alimentary Hypercholesterolinemia in Rabbit.

Orig Pub : Dokl. AN SSSR, 1956, 110, No 6, 1126-1129

Abstract : Rabbits weighing 1800-2000 gm received daily in the course of 105-170 days through the stomach 10 ml. of 5% cholesterol in sunflower oil. After a prolonged cholesterol feeding, the increase in blood of the observed animals had a varied character; in some rabbits there was almost no increase in blood. Together with a more or less acute hypercholesterinemia we also noted lecithin increase; the lecithin increase less than Cholest. The "resistant" rabbits, towards hypercholesterinemia received 0.13 gm of methylthiouracil, after which the cholest. in blood rapidly increased. The development

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USSR/Human and Animal Morphology - Lipoid Metabolism.

R-3

Abs Jour : Referat Zhur - Biologii, No 16, 1957, 70525

of alimentary hypercholesterolinemia in the rabbit cannot be considered as a result of simple overload of Chol. in the organism, and evidently the metabolic state has an important role in the development of alimentary hypercholesterolemia.

Card 2/2

- 100 -

17 (4,0)

AUTHORS:

Sinitsyna, T. A., Lovyagina, T. N.

SOV/20-127-4-58/60

TITLE:

On the Method of Experimental Reproduction of Atherosclerosis in Rabbits

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 127, Nr 4, pp 931 - 933 (USSR)

ABSTRACT:

The reproduction mentioned in the title is very important for the comprehension of many problems of the pathogenesis of atherosclerosis. Up to now the animal was given several doses of cholesterol (e.g. in sunflower oil) by means of a gastric suction drain. But also feeding cholesterol in other forms lead to changes in the aorta (Refs 1-3,5,6). The authors followed the development of hyper-cholesterinemia of rabbits and the atherosclerotic changes in the aorta and the coronary vessels caused by feeding cholesterol with carrots or kohlrabi. Table 1 shows that using cholesterol together with these vegetables was as effective as using it in sunflower oil. Thus, it is possible to produce high hyper-cholesterinemia in rabbits, causing considerable atherosclerotic changes, within comparatively short time (2-4 months). The authors even supposed that

Card 1/2

On the Method of Experimental Reproduction of
Atherosclerosis in Rabbits

SOV/20-127-4-58/60

6-7 months were needed to obtain similar changes if oil was used. No resistant rabbits were found in these investigations. In order to explain the greater effect of this kind of feeding cholesterolin further investigations have to be carried out. There are 2 figures, 1 table, and 12 references, 5 of which are Soviet.

PRESENTED: April 11, 1959, by N. N. Anichkov, Academician

SUBMITTED: April 8, 1959

Card 2/2

LOVYAGINA, T.N.

Lipoprotein and protein blood fractions of the blood in experimental alimentary hypercholesterolemia. *Vop.med.khim.* 6 no.4:358-364
Jl-Ag '60. (MIRA 14:3)

1. Laboratory for Cardiovascular Pathology, Department of Pathology of the Institute of Experimental Medicine, the U.S.S.R. Academy of Medical Sciences, Leningrad.

(BLOOD PROTEINS)

(LIPOPROTEINS)

(CHOLESTROL)

LOVYAGINA, T.N.; VOLKOVA, K.G.

Experimental data on the significance of a sustained milk diet in the development of hypercholesteremia and atherosclerosis of the arteries. Kardiologiya 2 no.1:13-21 Ja-F '62. (MIRA 15'5)

1. Iz otdela patologicheskoy anatomii (zav. - akademik N.N.Anichkov) Instituta eksperimental'noy meditsiny AMN SSSR.
(CHOLESTEROL METABOLISM) (ARTERIOSCLEROSIS)
(MILK AS FOOD)

KUDRYAVTSEVA, N.; LOVYAGINA, T.; SINITSINA, T.

Change in the conditioned reflex activity of dogs during prolonged cholesterol and methylthiouracil feeding. Biul. eksp. biol. i med. 53 no.4:46-49 Ap '62. (MIRA 15:4)

1. Iz fiziologicheskogo otdela imeni I.P.Pavlova i otdela patologicheskoy anatomii Instituta eksperimental'noy meditsiny (dir. - deystvitel'nyy chlen AMN SSSR prof. D.A.Biryukov) AMN SSSR, Leningrad. Predstavlena deystvitel'nyy chlenom AMN SSSR Kupalovym.

(CHOLESTEROL) (CONDITIONED RESPONSE)
(URACIL)

SINITSINA, T.A.; LOVYAGINA, T.N.

Possibility of reproducing experimental atherosclerosis in rabbits by cocnut oil administration. Kardiologiya 3 no.3: 50-53 My-Je '63. (MIRA 16:9)

1. Iz otdela patologicheskoy anatomii (zav.- akademik N.N. Anichkov) Instituta eksperimental'noy meditsiny AMN SSSR) (ARTERICSLEROSIS) (COCONUT OIL)

LOVYAGINA, T.N.; BAN'KOVSKAYA, E.B.

β -Lipoprotein content in the blood serum and in the aortic wall in experimental atherosclerosis. Vop.med.khim. 11 no.5:17-22 S-O '65. (MIRA 19:1)

1. Laboratoriya biokhimi lipoidnogo obmena ot dela biokhimi Instituta eksperimental'noy meditsiny AMN SSSR, Leningrad. Submitted April 10, 1964.

LOVYAGINA, Ye.V.; SHIVRINA, A.N.; PLATONOVA, Ye.G.

Chromatographic analysis of hydrolysates of the active principle of excrescences produced by the pore fungus *Inonotus obliquus* f. *sterili* [with summary in English]. *Biokhimiia* 23 no.1:41-46 Ja-F '58.
(MIRA 11:3)

1. Laboratoriya novykh antibiotikov Botanicheskogo instituta im. V.L.Komarova, Leningrad.

(CHROMATOGRAPHIC ANALYSIS) (WOOD-DECAYING FUNGI)

NIZKOVSKAYA, O.P.; MILOVA, N.M.; SHIVRINA, A.N.; LOVYAGINA, Ye.V.;
PLATONOVA, Ye.G.

Biology and biochemistry of "chaga," the sterile form of *Poria obliqua*. Trudy Inst. mikrobiol. no. 6:277-285 '59. (MIRA 13:10)

1. Laboratoriya novykh antibiotikov Botanicheskogo instituta AN SSSR.

(PORIA OBLIQUA)

SHIVRINA, A.N.; LOVIAGINA, Ye.V.; PLATONOVA, Ye.G.

Nature and origin of the water-soluble pigment complex formed by
Inonotus obliquus (Pres.) Pil. [with summary in English]. Biokhimiia
24 no.1:67-72 Ja-F '59. (MIRA 12:4)

1. Laboratory of New Antibiotics, the Botanical Institute, Academy of
Sciences of the U.S.S.R., Leningrad.

(FUNGI,

Inonotus obliquus, isolation of water-soluble pigment
complex (Rus))

SHIVRINA, A.N.; NIZKOVSKAYA, O.P.; LOVIAGINA, Ye.V.; PLATONOVA, Ye.G.;
MILOVA, N.M.

Chemical composition of pore fungi at different stages of their
development. Bot.zhur. 44 no.12:1724-1727 D '59.
(MIRA 13:4)

1. Botanicheskiy institut im. V.L.Komarova Akademii nauk SSSR,
Leningrad.

(Mushrooms--Chemical composition)

LOVYAGINA, Ye.V.; SHIVRINA, A.N.; PLATONOVA, Ye.G.

Investigating carbonyl fraction of hydrolysates of a water-soluble pigment complex produced by the polyporaceous fungus *Inonotus obliquus*.
Biokhimiia 25 no.4:640-645 J1-Ag '60. (MIRA 13:11)

1. Laboratory of Biochemistry of Lower Plants, Botanical Institute,
Academy of Sciences of the U.S.S.R., Leningrad.
(MUSHROOMS) (SINAPALDEHYDE)

NIZOVSKAYA, O.P.; SHIVRINA, A.N.; LOVYAGINA, Ye.V.; PLATONOVA, Ye.G.;
MILOVA, N.M.

Conditions for the formation of the pigment complex of *Inonotus obliquus* in artificial cultures. *Mikrobiologiya* 29 no.3:441-445
My-Je '60. (MIRA 13:7)

1. Botanicheskiy institut im. V.L.Komarova AN SSSR, Leningrad.
(WOOD-STAINING FUNGI)

SHIVRINA, A.N.; LOVYAGINA, Ye.V.; PLATONOVA, Ye.G.

Spectrophotometric characteristics of a crystalline carbonyl compound isolated from the pigment complex of the fungus *Inonotus obliquus*. Dokl.AN SSSR 132 no.6:1444-1447 Je '60. (MIRA 13:6)

1. Botanicheskiy institut im. V.L.Komarova Akademii nauk SSSR. Predstavleno akademikom A.L. Kursanovym. (WOOD-DECAYING FUNGI) (CARBONYL COMPOUNDS)

YAKIMOV, P.A., prof., otv. red.; YEFIMENKO, O.M., red.; LOVYAGINA, Ye.V., red.; NIZKOVSKAYA, O.P., red.; SHIVRINA, A.N., red.; BELKINA, M.A., red. izd-va; ZENDEL', M.Ye., tekhn. red.

[Comprehensive study of physiologically active substances of lower plants] Kompleksnoe izuchenie fiziologicheskii aktivnykh veshchestv nizshikh rastenii. Moskva, Izd-vo Akad.nauk SSSR, 1961. 279 p.
(MIRA 14:12)

1. Akademiya nauk SSSR. Botanicheskiy institut. 2. Laboratoriya biokhimi nizshikh rasteniy Botanicheskogo instituta im. V.L.Komarova AN SSSR (for Yakimov, Yefimenko, Lovyagina, Nizkovskaya, Shivrina).
(Harmones (Plants))

SHEPETINA, F.A., kand.sel'skokhoz.nauk; ZATUCHNYY, V.L.; LOVYANNIKOV, P.T.

Prospective methods for cultivating oil-bearing roses. Masl.-
zhir. prom. 27 no.2:35-36 '61. (MIRA 14:2)

1. Moldavskaya zonal'naya opytno-selektсионnaya stantsiya Vsesoyuznogo
nauchno-issledovatel'skogo instituta maslichnykh i efiromaslichnykh
kul'tur;

(Roses)

LOVYANNIKOV, P.T.

Economic gains from cultivating aromatic plants in Moldavia. Masl.-
zhir. prom. 27 no.9:26-27 S '61. (MIRA 14:11)

1. Moldavskaya opytnaya stantsiya Vsesoyuznogo nauchno-issledovatel'-
skogo instituta maslichnykh i efiromaslichnykh kul'tur.
(Moldavia--Aromatic plants)

MAKAROCHKIN, Mikhail Fedorovich; SHARAY, Vera Nesterovna; LOVYGIN,
Nikolay Ivanovich; POL'SKIY, S., red.; STEPANOVA, N., tekhn.red.

[Composition and engineering properties of the loess-type soils
of White Russia] Sostav i stroitel'nye svoistva lessovidnykh
gruntov BSSR. Minsk, Gos.izd-vo BSSR, Red.nauchno-tekhn.lit-ry,
1959. 122 p. (MIRA 13:12)
(White Russia--Loess)

LOVYGIN, N.I., inzh.

Constructing residential and public buildings on loesslike soils in
the Minsk region. Sbor. nauch. rab. Bel. politekh. inst. no.77:47-65
'59. (MIRA 13:3)

(Minsk region--Loess) (Foundations)

LOVYGIN, N.I.; KAPRANOVA, N.V., red.

[Problems of using the loess soil in Minsk District as foundations under the footings of buildings and structures] Voprosy ispol'zovaniia lessovidnykh gruntov raiona Minska v kachestve osnovanii fundamentov zdani i sooruzhenii. Minsk, Redaktsionno-izdatel'skii otdel Belorusskogo politekhn. in-ta im. I.V.Stalina, 1960. 58 p. (MIRA 15:1)

(Minsk District—Loess) (Foundations)

LOVYGIN, N. I.

Cand Tech Sci - (diss) "Construction properties of loess-like ground of the territory of the Belorussian SSR." Dnepropetrovsk, 1961. 16 pp; (Dnepropetrovsk Inst of Railroad Transport Engineers); 220 copies; price not given; (KL, 5-61 sup, 191)

LOW, B.

YUGOSLAVIA / Chemical Technology. Chemical Products H-12
and Their Application--Electrochemical
Industries. Electroplating. Galvanic Cells

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 8888

Author : Low, B.

Inst : Not given

Title : Some Data on Electrolysis Baths with Mercury
Cathodes in Electrolytic Production of Chlorine
and Alkalies

Orig Pub: Tehnika, 1958, 13, No 7, Hem. ind., 12, No 7,
101-108

Abstract: It is noted that in order to develop Yugoslav
industry it is necessary to increase the production
of chlorine, sodium carbonate, and their deriva-

Card 1/2

YUGOSLAVIA / Chemical Technology. Chemical Products H-12
and Their Application--Electrochemical
Industries. Electroplating. Galvanic Cells

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 8888

tives. Different types of baths are considered,
as well as the materials for construction and
technological problems. --Author's abstract

Card 2/2

131

SCHWEIGER, Otto; TOMCSANYI, Attila; B. LOW, Brigitta

Changes in the leukocytes of guinea pigs infected with tuberculosis.
Tuberkulozis 14 no.5:133-137 My '61.

1. Az Orszagos Koranyi Tbc Intezet (igazgato: Boszormenyi Miklos dr.,
tudomanyos igazgato: Foldes Istvan dr.) kozlemenye.

(TUBERCULOSIS blood) (LEUKOCYTES)

TOMCSANYI, Attila; SCHWEIGER, Otto, dr.; B. LOW, Brigitta, dr.

Glycogen breakdown and P-32 uptake of peritoneal exudate cells
in H-37 Rv-infected guinea pigs in the presence of tuberculin.
Tuberkulozis 16 no.6:173-176 Je '63.

1. Az Orszagos Koranyi Tbc Intezet (igazgato: Boszormenyi
Miklos dr. kandidatus, tudomanyos vezeto: Foldes Istvan dr.
kandidatus) kozlemenye.

(PERITONEAL CAVITY) (EXUDATES AND TRANSUDATES)

(RADIOISOTOPES) (PHOSPHORUS ISOTOPES)

(GLYCOGEN) (TUBERCULIN)

LOW, Brigitta, B., dr.; LACZKO, Ede, dr.; SCHWEIGER, Otto, dr.

Cycloserine: a new antibiotic for the treatment of tuberculosis.
Tuberkulozis 12 no.11:260-263 N '59.

1. Az Orszagos Koranyi Tbc Intezet (igazgato foorvos: Boszormenyi
Miklos dr. kandidatus, tudomanyos vezeto: Foldes Istvan dr.
kandidatus) kozlemenye.

(TUBERCULOSIS ther)

(CYCLOSERINE ther)

SCHWEIGER, B.; LOW, Brigitta, E.; TOMOSANYI, A.

The effect of tuberculin on the respiration of ascites cells
in various periods after infection with Mycobacterium tuberculosis.
Acta microbiol. acad. sci. Hung. 11 no.2:115-123 '64.

1. "Koranyi"-Landesinstitut für Tuberkulose (Direktor: M.
Boszormenyi), Budapest.

L. ION

"Designing of Longitudinal Sections of Cable Railways." p. 183 (Molyepitestudományi Szemle, Vol. 3, no. 4, Apr. 1953 Budapest.)

Vol. 2, no. 9
SO: Monthly List of East European Accessions. /Library of Congress, Sept 1953, uncl.

LOW, L.

"Methods of measuring production capacity in mining." Panyaszati Lapok, Budapest, Vol. 9,
No. 6/7, June/July 1954, p. 333.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

MEDZIHRADSKY, K.; KAJTAR, M.; LOW, M.

Synthesis of the nonapeptide sequence 1-9 of β -corticotropin.
Coll Cz Chem 27 no.9:2256-2257 S '62.

1. Institute of Organic Chemistry, University of Budapest, Hungary
(for Medzihradsky).

LOW, Miklos

Mechanism of nucleophyl aromatic substitution. Magyar kem
lap 18 no.5:225-230 My '63.

1. Kobanyai Gyogyszerarugyar.

LOWASCZYK ZOFIA

Poland/Pharmacology. Toxicology. Hormones.

V-8

Abs Jour : Ref Zhur-Biol., No 6, 1958, 28206.

Author : Lowasczyk Zofia, Zajac Jolanta.

Inst : Not given

Title : Successful Therapy of Severe Chronic Hepatitis
with Adrenocorticotropic Hormone in a 3 Month
Old Child.

Orig Pub : Pediatr. polska, 1957, 32, No 7, 810-813.

Abstract : No abstract.

Card 1/1

LOWCZOWSKI, G.

LOWCZOWSKI, G. The battle at Kostiuchnowka. p. 3.

No. 3, July/Sept. 1956.

BELLONA
MILITARY & NAVAL SCIENCES
London,

So: East European Accession, Vol. 6, No. 2, Feb. 1957

LOWCZOWSKI, W.

Phenolite, a product resistant to chemical action. p. 288.
HUTNIK, Katowice, Vol. 22, no. 7/8, July/Aug. 1955.

SO: Monthly List of East European Accessions, (EMAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

LOWCZYNSKI, L.

"Soviet dump trucks" (P. 256). MOTORYZACJA (Ministerstwo Transportu Drogowego i Lotniczego) Warszawa, Vol. 8, No. 9, Sept 1953.

SO: East European Accessions List, Vol 3, No. 8, Aug 1954.

LOWCZYNSKI, L.

"A few new methods of welding metal." p.275. (TECHNIKA MOTORYZACYJNA
Vol. 4, No. 9, Sept. 1954. Warszawa, Poland)

SO: Monthly List of East European Accessions. (EEAL). LC. Vol. 4, No. 4.
April 1955. Uncl.

LOWCZYNSKI, L.

"Sewing with a steel wire," *Mechanik*, Warszawa, Vol 27, No 1, Jan. 1954, P. 34.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

LOWCZYNSKI, Leslaw

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ŁOWCZYŃSKI, L.

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LOWCZYNSKI, L. Brakes of motor-truck trailers and of truck-mounted equipment.
p. 271. Vol. 11, no. 10, Oct. 1956. MOTORYZACJA. Warszawa, Poland.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

LOWCZYNSKI, L.

"Automobiles of the 400-600 cm³ class."

p. 325 (Motoryzacja) Vol. 12, no. 12, Dec. 1957
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

LOWCZYNSKI, L.

Testing curves of curve gauges. p. 190.

MECHANIK. (Stowarzyszenie Inzynierow i Technikow Mechanikow
Polskich) Warszawa, Poland. Vol. 4, no. 4, July/Aug. 1959.

Monthly List of East European Accession. (EEAI) LC, Vol. 9, no.1,
Jan. 1960.

Uncl.

LUPU, N. Gh., acad.; DINISCHIOTU, G. T.; PAUN, R.; POPESCU, I. Gr.; FOTESCU, L.;
ZAMFIRESCU-GHEORGHIU, Marcela; OLARU, Cornelia; IOTA, C. G.;
MOSCOVICI, B.; MOLNER, C.; URSEA, N.; LOWE, Judith; WEINER, S.; In co-
laborare cu AVACHIAN, A.; BICLESAN, I.; DUMITRESCU, I.

Investigations of allergy to ricin. Stud. cercet. med. intern. 2
no.5:639-652 '61.

(RICINUS toxicology) (ALLERGY etiology)

LOWE, L

Stimulation of the diaphragm in various diseases by surging faradism
timed to the respiration. Acta neuroveget. 1 no.3-4:399-407 1950
(CLML 20:4)

LOWENFELD, V., ing.

The Macipt-1 computer. St. si Teh Buc 14 no. 8:26-27 Ag '62.

KAUFMANN, Iosif; LOMENFELD, Viliam

Arithmetical bases and the practical realization of a
parallel binary summator. Problema automatiz 111-114
5 N '62.

KAUFMAN, Iosif; LOWENFELD, Viliam

Driving gear of the MECIPT-1 computer. Probleme automatiz 4:107-108
'63.

KAUFMAN, Iosif; LOWENFELD, Viliam

Designed development works for the MECIPT-1 computer. Probleme automatiz 4:109-112 '63.

LOWENFELD, William

The logical structure of a parallel binary summator. Probleme automatiz
4:113-118 '63.

WASOWICZ, Zbigniew; LOWENHOFF, Katarzyna

Accidental poisoning in children. Pol. tyg. lek. 19 no.5:
174-176 30 Ja '64.

1. Z Oddziału Lziececego Szpitala Miejskiego im. Stefana
Zeromskiego w Nowej Hucie (ordynator Oddziału; dr med. Ewa
Rogalska-Chrzanowska).

COUNTRY : ROMANIA ii
CATEGORY : Chemical Technology. Chemical Products and
Their Applications. Dyeing and Chemical *
ABS. JOUR. : Rechim., No. 23 1959, No. 84418
AUTHOR : Lowy, A.; Pavel, D.; Hamarich, F.
INSTR. : -
TITLE : Experiments on the Sizing of Knobby Fiber at
the "Vasia Vasilescu" Textile Plant
ORIG. PUB. : Ind. textila, 1958, 9, No 12, 471-475
ABSTRACT : Experiments on the sizing of knobby fibers
with the aid of carboxymethylcellulose (I)
were conducted for the purpose of complete
substitution of starch. In the preparation of
sizing solution I is soaked in water for 20
hours prior to mixing in an agitator at 40-45°
with the addition of sulfated oil. Experiments
revealed the following: from the technological
standpoint I may replace starch when employed

*Treatment of Textile Materials.

CARD: 1/3

COUNTRY :
CATEGORY :

H

ABS. JOUR. : RZKham., No. 23 1959, No. 84413

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : in sizing of knobby fibers; an increase in
Con'd the fiber strength and decrease in their elas-
ticity is somewhat lower than that they are when
starch is used for sizing, however, this does
not affect adversely productivity of the weav-
ing machines; pH of the sizing solution made
with I, has to be adjusted from 10.5 to 8.0-
8.5; in order to insure a rapid dissolution,
I has to be used in the form of a powder. Re-
moval of the sizing is achieved by washing
in warm water at 40-50° in the course of 15-
20 minutes. In the bleaching of fabrics,

CARD: 2/3

H - 150

COUNTRY : H
CATEGORY :
ABS. JOUR. : RZKhim., No. 23 1959, No. 84413
AUTHOR :
INST. :
TITLE :
ORIG. PUB. :
ABSTRACT : the removal of I takes place when the fabric
Con'd is boiled. --G. Markus

CARD: 3/3

LOWICKI, Andrzej

Calculation of temperature increase of transformer windings.
Przełł elektrotech 40 no.3:132-137 Mr'64

1. Fabryka Transformatorow Elta, Lodz.

LOWIG, HENRY

Löwig, Henry. On transitive Boolean relations. Czechoslovak Math. J. 1(76) (1951), 199-201 (1952) = Československ. Mat. Ž. 1(76) (1951), 225-228 (1952).

Given elements a, b, c, d of a Boolean algebra, set xRy if and only if $axy + bxy' + cx'y + dx'y' = 0$. Then R is transitive if and only if $a(b+c)d \neq 0$ or $a+d \leq b+c$. In addition, R is a quasi-ordering if and only if $a=d=0$, an equivalence relation if and only if $a=d=0$ and $b=c$, a partial ordering if and only if $a=d=0$ and $b+c=1$, a lattice ordering (equivalently, a partial ordering determining a Boolean algebra) if and only if $a=d=0$ and $b=c$.

P. M. Whitman.

SO: Mathematical Review, Vol. XIV, No. 3, Mar. 53

LOWINGER, S. 1947

(A Budapesti Tud. I. sz Belklinikajarol es MABI Kozp Korhezanak 11, sz Belosztalyarol.)

"Medullary and Extramedullary Hematopoiesis in Leukemias Treated With Urethane."

Orvosok Lapja, Budapest, 1947 3/22(737-742)
Abst: Exc. Med. V. Vol. 11, No. 2, p. 117