LISIN, S. S.

27844. Lisin, S. S. Ukhod za posevami v lesnykh pitomnikakh. Les i step ' 1949, No. 1, s. 36-40.

SO: Letopis' Zhurnal'nykh Statey, V ol. 37, 1949

LISIN, S. S.

32610. LISIN, S. S. Vyrashchivaniye seyantsev sosny obyknovennoy i listvennitsy sibirskoy s vneseniyem mikorizy v pochvu. (chkal. obl.) les i step', 1949, No 3, s. 68-71

SO: Letopis' Zhurnal' nykh Statey, Vol. 44

LISIN, S. S.

36357 Vyrashchivaniye seyantsev shelkovitsy beloy, vyaza obyknovennogo. S primeneniyem poliva i udobreniy. Les i step', 1949, No. 7, S. 78-85.

SO: Letopis' Zhurnal'nykh Statey, No. 49, 1949

LISIN, S. S.

The kolkhoz forest nursery Moskva, Gos; izd-vo sel'khoz. lit-ry, 1951. 71 p.

LISIY, S. S.

Trees

Helping those taking courses for rainsing qualifications of collective farm foresters. Lecture 2: Preparing seeds and growing seedlings for shelterbelts. Les i step' 4, No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, June 1952. 1953, Uncl.

LISIN, SERAFIM SERGEYEVICH

LISIN, Serafim Sergeyevich, kand.sel'skokhozyaystvennykh nauk; KOREYSHO, Ye.G., red.; PAVLOVA, M.M., tekhn.red.

[Forest nursery] Lesnoi pitomnik. Izd.3-e. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1957. 123 p. (MIRA 11:1)
(Forest nurseries)

LISIN, Serafim Sergeyevich; KAZAKOVA, Ye.D., red.; PEVZNER, V.I., tekhn. red.

[Forest nurseries] Lesnye pitomniki. Moskva, Gos. izd-vo sel'-khoz. lit-ry, 1961. 255 p. (MIRA 14:8)
(Forest nurseries)

LISIN, S.S.

Applying organic and mineral mixtures to Podzolic soils in the forest nurseries of Moscow Province. Agrobiologiia no.5:734-736 S-O '62. (MIRA 15:11)

1. Moskovskiy lesotekhnicheskiy institut.
(Moscow Province--Forest nurseries) (Fertilizers and manures)

ZABOROVSKIY, Yevgeniy Pavlovich; LISIN, Serafim Sergeyevich; SOBOLEV, Sergey Stepanovich. Prinimali uchastiye: VERESIN, M.M.; RUBTSOV, V.G.; OBNOVLENSKIY, V.M., prof., retsenzent; SHARAPOV, A.N., inzh.-lesovod, retsenzent

[Forest plantations and forest drainage] Lesnye kul'tury i lesnye melioratsii. Moskva, Izd-vo "Lesnaia promyshlennost'," 1964. 391 p. (MIRA 17:5)

SHTORM, V.D.; LISIN, V.A.; LARINA, N.Ya.

Advanced method of wool sorting. Tekst.prom. no.2:4-8 F '63.
(MIRA 16:4)

1. Direktor Borskoy fabriki pervichnoy obrabotki shersti Gor'kovskogo soveta narodnogo khozyaystva (for Shtorm). 2. Glavnyy inzhener Borskoy fabriki pervichnoy obrabotki shersti Gor'kovskogo soveta narodnogo khozyaystva (for Lisin). 3. Nachal'nik sortirovochnogo tsekha Borskoy fabriki pervichnoy obrabotki shersti Gor'kovskogo soveta narodnogo khozyaystva (for Larina).
(Wool—Grading)

LISIN, V.I.

Luminescence of calcium compounds. Zhur. Eksptl. i Teoret. Fiz. 23, 238-9 '52. (MLRA 5:9)
(OA 47 no.17:8518 '53)

YEVREINOV, I.V., kand.tekhn.nauk, rukovoditel' raboty; ALFEROVA, N.V., kand.tekhn.nauk; GOL'DENFON, A.K., kand.tekhn.nauk; ZINCHENKO, V.I., kand.tekhn.nauk; KORCHAGIN, M.I., kand.tekhn.nauk; PANOV, V.A., kand.tekhn.nauk; URBANOVICH, A.K., kand.tekhn.nauk; FOMENKO, Yu.I., kand.tekhn.nauk; YAKOVSKIY, F.V., kand.tekhn.nauk; LISIN, V.N., inzh.; LYUTOV, I.L., inzh.; NEYELOV, A.N., inzh.; STRUMPE, P.I., kand.tekhn. nauk, otv.red.; DRANITSYN, S.N., kand.tekhn.nauk, zam.otv.red.; GOROBETS, V.A., kand.voyen.-morskikh nauk, red.; MAKSIMADZHI, A.I., kand.tekhn.nauk, red.; ROZHDESTVENSKIY, N.A., kand.tekhn.nauk, red.; SYROMYATNIKOV, V.F., kand.tekhn.nauk, red.; LEBEDEVA, N.S., red.; STUL'CHIKOVA, N.P., tekhn.red.

[Methods of testing the thermodynamic efficiency of marine diesel engine power plants] Metodika teplotekhnicheskikh ispytanii dizel'nykh sudovykh ustanovok. Leningrad, 1962. 165 p. (Leningrad. TSentral'nyi nauchno-issledovatel'skii institut morskogo flota. Informatsionnyi sbornik, no.83/84. Tekhnicheskaia ekspluatatsiia, no.18/19). (MIRA 16:10)

1. Nachal'nik otdela tekhnicheskoy ekspluatatsii sudovykh silovykh ustanovok TSentral'nogo nauchno-issledovatel'skogo instituta morskogo flota (for Yevreinov). 2. TSentral'nyy nauchno-issledovatel'skiy institut morskogo flota (Alferova, Gol'denfon, Zinchenko, Korchagin, Panov, Urbanovich, Fomenko, Yakovskiy, Lisin, Lyutov, Neyelov).

LISIN, V.P.

Snowdrift control. Put' i put.khoz. 6 no.2:9-10 '62.
(MIRA 15:2)

1. Nachal'nik Bugul'minskoy distantsii puti Kuybyshevskoy dorogi.
(Railroads—Snow protection and control)

LISIN, V.P.

The collective becomes a prqgressive unit. Put' i put.khoz. 7 no.2: 23-25 '63. (MIRA 16:2)

1. Nachal'nik Bugul'minskoy distantsii Kyubyshevskoy dorogi. (Railroads—Maintenance and repair) (Efficiency, Industrial)

LISIN, V.P.

Reducing the number of warning areas. Put' i put.khoz. 8 no.6:23 '64. (MIRA 17:9)

1. Nachal'nik Bugul'minskoy distantsii Kuybyshevskoy dorogi.

L 27247-66 EWP(k)/EWT(d)/EWT(m)/EWP(h)/T/EWP(l)/EWP(v)/EWP(t) IJP(c) JD
ACC NR: AP6009881 SOURCE CODE: UR/0413/66/000/004/0071/0072

AUTHORS: Lisin, V. Z.; Chuyev, V. G.; Popov, A. M.; Korobov, V. I.

ORG: none

TITLE: Device for induction annealing of copper wire. Class 40, No. 178996 /announced by Independent Construction Technology Bureau for Microconductors (Samostoyatel'noye konstruktorsko-tekhnologicheskoye byuro po mikroprovodam)/

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966, 71-72

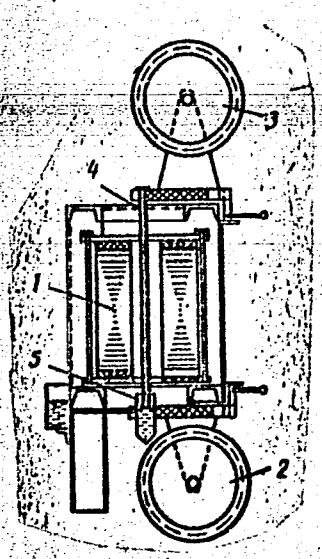
TOPIC TAGS: annealing, copper, wire

ABSTRACT: This Author Certificate presents a device for induction annealing of copper wire, which consists of a transformer, contact rollers, a protective steam storage chamber, and a cooling chamber. To anneal bunches of copper wires in one transformer, the device has a system of lower and upper contact units consisting of two electrically insulated contact rollers (see Fig. 1). The protective steam storage chamber is in the form of a glass tube whose upper end has the form of a flange with a hole. The hole diameter is 2—3 times the annealed wire

Card 1/2 UDC: 621.365.51:621.785.3—426:669.3

L 27247-66
ACC NR: AP6009881

Fig. 1. 1 - transformer; 2 - lower contact rollers; 3 - upper contact rollers; 4 - protective steam storage chamber; 5 - cooling chamber.



diameter to decrease steam loss. Orig. art. has: 1 diagram.
SUB CODE: 11, 13/ SUBM DATE: 21Dec64
Card 2/2

LISINA, A.F.

Effect of promedol on gastric secretion and on the secretory-motor function of the intestine [with summary in English]. Farm. i toks. 22 no.1:62-66 Ja-F '59. (MIRA 12:4)

1. Kafedra farmakologii (zav. - prof. N.P. Govorov) Omskogo meditsinskogo instituta.

(ANALGESICS AND ANTIPYRETICS, effects, 4-phenyl-4-propoxyl-1,2,5-trimethylpiperidine on gastric secretion & intestinal secretion & motor funct. in dogs (Rus))

(GASTRIC JUICE, secretion, eff. of 4-phenyl-4-propoxy-1,2,5-trimethylpiperidine in dogs (Rus))

(INTESTINES, effects of drugs on, 4-phenyl-4-propoxy-1,2,5-trimethylpiperidine, on motor funct. & secretion in dogs (Rus))

LISINA, A.I.

(V)

A rapid method for the determination of moisture in grain. V. I. Visyagin and A. I. Lisina. *Selektsiya i Semenovodstvo* 17, No. 10, 54–5 (1950); *Chem. Zentr.* 1951, I, 2066.—The detn. utilizes the thermal effect of mixing concd. H_2SO_4 with water. A 5-g. sample of the grain, contained in an insulated test tube fitted with a thermometer, is treated with 2 cc. of concd. H_2SO_4 (d. 1.81) and the rise in temp. in 5 min. is detd. For the same kind of grain this temp. rise is a linear function of the moisture content so that the latter can be read off from previously calibrated graphs. E.g., a particular variety of rye showed a temp. rise of 7.6° for a moisture content of 12% and one of 12.5° for a moisture content of 18%. The error is 0.5%. M. G. Moore

LISINA, A. I.

LISINA, A. I. "The composition and Properties of the Resin of the Siberian Larch and the Products of its Processing." Acad Sci USSR, West Siberian Affiliate. Tomsk State U imeni V.V. Kuybyshev. Novosibirsk, 1956

So: Knizhaya letopis', No. 24, 1956

LISIN A, A.I.

PENTEGOVA, V.A.; LISINA, A.I.

Adsorption cromatographic analysis of resin and oxyresin acids. Izv. vost. fil. AN SSSR no.1:65-69 '57. (MIRA 11:4)

1. Zapadno-Sibirskiy filial AN SSSR.
(Chromatographic analysis) (Resin acids)

PENTEGOVA, V.A.; LISINA, A.I.

Resin acids in the galipot of the Siberian larch collected from surface incisions. Izv. Sib. otd. AN SSSR no.5:57-65 '58.
(MIRA 11:9)

1.Zapadno-Sibirskiy filial AN SSSR.
(Larch) (Resin acids)

PENTEGOVA, V.A.; LISINA, A.I.

Resin of Siberian larch. Trudy Khim.-met. inst. Sib. otd. AN SSSR no. 13:19-22 '59. (MIRA 14:1)
(Larch) (Oleoresins)

LENTEGOVA, V.A.; LISINA, A.I.

Composition of turpentine from Siberian larch. Trudy Khim.-met. inst. Sib. otd. AN SSSR no. 13:23-26 '59. (MIRA 14:1)
(Terpentine) (Larch)

TRONOV, B.V.; PENTEGOVA, V.A.; LISINA, A.I.

Tar acids in resins from Siberian larch. Trudy Khim.-met. inst. Sib. otd. AN SSSR no. 13:27-35 '59. (MIRA 14:1)
(Wood tar) (Larch)

LISINA, A.I.

Presence of cembrene in the oleoresin of Larix sibirica Ledb. Izv. Sib. otd. AN SSSR no.3:120-121 '62. (MIRA 17:7)

1. Khimiko metallurgicheskiy institut Sibirskogo otdeleniya AN SSSR, Novosibirsk.

LISTIA, A.I.; PENTEGOVA, V.A.

Abietadiene from the soft resin of larix sibirica. Izv. SO AN SSSR no.7 Ser. khim. nauk no.2:96-100 '65.

(MIRA 18:12)

1. Novosibirskiy institut organicheskoy khimii Sibirskogo otdeleniya AN SSSR. Submitted April 30, 1964.

LISINA, A.I.; REZVUKHIN, A.I.; PENTEGOVA, V.A.

Composition of the neutral part of oleoresin from Pinus sibirica R.Mayr. Part 2: Oxygen-containing compounds of the high boiling neutral part of cedar oleoresin. Khim.prirod.soed. no.4:250-256 '65.

(MIRA 19:1)

1. Novosibirskiy institut organicheskoy khimii Sibirskogo otdeleniya AN SSSR. Submitted January 19, 1965.

LISINA, A.F.

Activity of preparations of the roots of the Caucasian Gomphocarpus in experimental dysentery. Zdrav.Kazakh. 22 no.7:60-62 '62. (MIRA 16:1)

1. Iz kafedry infektsionnykh bolezney (zav. - prof. A.M. Gubinskiy) Aktyubinskogo meditsinskogo instituta.
(DYSENTERY) (GOMPHOCARPUS)

FEDOSENKO, Boris Yefimovich; LISINA, Anna Petrovna; KOZYRENKO, Natal'ya Mikhaylovna; ZLOBNOV, Gennadiy Mikhaylovich; AKIMOV, T.S., kand. tekhn. nauk, retsenzent; ISTOMINA, T.I., retsenzent; NIKITIN, M.N., retsenzent; TYURINA, A.Z., red.

[Mechanical looms for rug and carpet weaving] Mekhanicheskie kovrotkatskie stanki. [By] B.E.Fedosenko i dr. Moskva, Izd-vo "Legkaia industriia," 1964. 323 p. (MIRA 17:6)

SHEFOV, A.S.; LISINA, G.A.

Some possibilities for raising the sensitivity of multi-alkali photocathodes by optical means. Izv.AN SSSR. Ser.fiz. 26 no.11: 1392-1395 N '62. (MIRA 15:12)

(Cathodes) (Photoelectricity)

ZHUSHMAN, A.I.; Prinimali uchastiye: SOBOLEVA, F.I.; DOROFEYEVA, T.Ye.; LISINA, L.G.

Studying the processes occurring in the removal by fermentation of the carbohydrate admixture from wheat and corn gluten. Trudy TSNIIKPP no.5:38-47 '63. (MIRA 16:7)

(Gluten) (Fermentation) (Carbohydrates)

ARNOL'DI, L.V.; BORKHSENIUS, N.S.; GUR'YEVA, Ye.L.; DERBENEVA, N.N.; YEMEL'YANOV, A.F.; KERZHNER, I.M.; KUZNETSOV, V.I.; LISINA, L.M.; MISHCHENKO, L.L.; NARCHUK, E.P.; SHAPIRO, I.D.; SHAPOSHNIKOV, G.Kh.; SHTAKEL'BERG, A.A.; PUKHAL'SKAYA, L.F., red.izd-va; KRUGLIKOVA, N.A., tekhn.red.

[Insect pests of corn in the U.S.S.R.; reference book] Nasekomye, vrediashchie kukuruze v SSSR; spravochnik. Moskva, 1960. 227 p. (MIRA 13:3)

1. Akademiya nauk SSSR. Zoologicheskiy institut. 2. Zoologicheskiy institut AN SSSR (for Arnol'di, Borkhsenius, Gur'yeva, Derbeneva, Yemel'yanov, Kerzhner, Kuznetsov, Mishchenko, Narchuk, Shaposhnikov, Shtakel'berg). 3. Vsesoyuznyy institut zashchity rasteniy Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Lisina, Shapiro).

(Corn (Maize)--Diseases and pests)
(Insects, Injurious and beneficial)

L 3424-66 EWT(1) GS/GW

ACCESSION NR: AT5023745 UR/0000/65/000/000/0080/0091

33
31
B+1

AUTHOR: Lisina, L. P.; Shevchenko, V. V.

TITLE: Determination of selenographic coordinates of points on the lunar surface and of distances between them in a photometric method of studying slope angles

SOURCE: AN UkrSSR. Figura i dvizheniye Luny (Shape and motion of the Moon). Kiev, Naukova dumka, 1965, 80-91

TOPIC TAGS: selenography, lunar surface, photometry

ABSTRACT: A method is proposed based on the assumption that during photometric measurements, the rectangular coordinates of points can be measured on the negative with some degree of accuracy. A mathematical relation is derived between the actual surface of the moon, assumed to be spherical, and its plane representation on a photograph, considered as an external perspective projection; i.e., the cartographic character of the photographic image of the moon is determined. The formula obtained,

$$L_{km} = \frac{\sqrt{R^2-s^2}}{P}\left(\arcsin\frac{l_1}{\sqrt{R^2-s^2}} - \arcsin\frac{l_2}{\sqrt{R^2-s^2}}\right)\frac{1}{\mu_0}, \quad (1)$$

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L 3424-66

ACCESSION NR: AT5023745

2

gives the distance between two points on the lunar surface, undistorted by the projection. The accuracy of the method is illustrated with an example using a photograph of the moon on a scale of 1:37,000,000 made by L. R. Lisina with the 70-cm reflector of the GAO AN Ukr. SSR. Orig. art. has: 8 figures and 20 formulas.

ASSOCIATION: None

SUBMITTED: 12May65 ENCL: 00 SUB CODE: AA, ES

NO REF SOV: 003 OTHER: 001

Card 2/2

L 09919-67 FSS-2/EWT(1) IJP(c) JGS/GD/GW

ACC NR: AT6033325 SOURCE CODE: UR/0000/66/000/000/0095/0109

AUTHOR: Lisina, L. R.

ORG: none

TITLE: Investigation of the relief of the lunar surface in the region of Kepler's crater by photometric methods

SOURCE: AN UkrSSR. Fizika Luny i planet (Physics of the Moon and the planets) Kiev, Naukova dumka, 1966, 95-109

TOPIC TAGS: relief, lunar surface, lunar crater, lunar hill, Kepler crater, mare

ABSTRACT: The present paper deals with the determination of the slopes of the lunar hills and furrows in the Maria. The Kepler crater region was investigated. The altitude map of a specific section shows a rather smooth surface with relative inclinations of the order of 100—200 m above the lunar surface and slopes up to 1°. Orig. art. has: 7 figures and 4 tables. [Author's abstract]

SUB CODE: 03, 20/ SUBM DATE: 19Mar66/ ORIG REF: 003/ OTH REF: 005/

Card 1/1

LISINA, M. I.

LISINA, M. I.: "On some conditions for changing reactions from nonarbitrary to arbitrary". Moscow, 1955. Inst of Psychology, Academy of Pedagogical Science RSFSR. (Dissertations for the Degree of Candidate of Pedagogical Sciences).

SO: Knizhnaya letopis' No. 44, 29 October 1955. Moscow.

LISINA, M.I.

Some problems of transfer in the works of foreign authors. Vop. psikhol. 6 no.5:153-161 S-O '60. (MIRA 13:11)
(Transfer of training)

SLOBODYANIK, G. [Slobodianyk, H.], doktor tekhn.nauk, prof.; RUBINOWICH, Ye. [Rudynovych, E.], inzh.; LISINA, N. [Lysyna, N.], inzh.; DOROFEIEVA, K. [Dorofieieva, K.], inzh.

Replacing the lime in cement building mortars with local additives. Bud. mat. i konstr. 4 no.1:44-45 Ja-F '62. (MIRA 15:7)
(Mortar)

LISINA, N.V.

Special practicum on practical astronomy at pedagogical institutes. Biul. VAGO no.35:46-52 '64. (MIRA 18:4)

1. Moskovskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo obshchestva i Moskovskiy gosudarstvennyy pedagogicheskiy institut imeni Lenina.

LISINA, N.V. (Yoshkar-Ola)

One more method of determining geographical latitude by means of a theodolite. Fiz. v shkole 22 no.2:81-82 Mr-Ap '62. (MIRA 15:11)
(Latitude)

SLOBODYANIK, I. [Slobodianyk, I.], kand.tekhn.nauk; RUBINOVICH, Ye. [Rubinovych, IE.], inzh.; LISINA, P. [Lysina, P.], inzh.; DOROFEYEVA, K. [Dorofieieva, K.], inzh.

Locally mined lime for mortars. Sil'.bud. 11 no.11:14-15 N '61. (MIRA 15:3)

(Ukraine--Lime)

SHUL'MAN, E.A.; SHATROV, I.I.; BRONSHTEYN, N.I.; LISINA, S.P.; MOROZOVA, Ye.S.; GORBUNOVA, T.S.

Immunological reactions following typhus fever. Zhur.mikrobiol. epid.i immun. no.5:63-68 My '55. (MLRA 8:7)

1. Iz Moskovskogo gorodskogo instituta epidemiologii i bakteriologii (rukovoditel' -prof. M.M.Mayevskiy).
(TYPHUS, immunology,
immun. reactions after)

137-58-2-3629

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 2, p 192 (USSR)

AUTHORS: Lisina, T.P., Lekareva, A.G.

TITLE: Corrosion Protection of Iron and Steel Products by Passivation in a Solution of Sodium Nitrite Followed by Painting (Zashchita ot korrozii izdeliy iz chernykh metallov passirovaniyem v rastvore nitrita natriya i posleduyushchaya okraska)

PERIODICAL: Tekhnol. transp. mashinostroyeniya, 1957, Nr 7, pp 18-21

ABSTRACT: Parts and non-disassemblable assemblies of iron and steel not provided with special protective coatings are subjected to passivation. The treatment of a part consists of wetting it with an aqueous solution of $NaNO_2$: a 15-20% solution for temporary protection, a 25-30% solution for long-term storage. During the machining of metal products $NaNO_2$ is also introduced into the coolant liquid for protection of the metal against corrosion. The passivation procedure consists of washing, checking the condition of the surface of the part, a second washing, and passivation by $NaNO_2$. Laboratory investigations have shown that the bond strength between a paint and the surface becomes impaired on treatment with $NaNO_2$ solution of

Card 1/2

Corrosion Protection of Iron (cont.)

various concentrations, because the $NaNO_2$ crystals attract moisture through the film of paint, lift it up, and destroy it. Therefore, when it is necessary to store parts or blanks, they are passivated prior to painting after preliminary washing with aqueous solutions. I.B.

1. Iron—Passivation 2. Steel—Passivation 3. Iron—Corrosion prevention
4. Steel—Corrosion prevention

Card 2/2

LEBEDEV, S.A., inzh.; LISINA, V.P., inzh.

Network for the-acid washing of a feed-water economizer. (MIRA 16:7)
Energetik 9 no.2:7-8 F '61.

(Boilers) (Feed water)

BEKKER, Z.E. , LISINA, Ya.S.

Symbiotrophic plants and their rhizosphere microflora [with summary in English]. Biul.MOIP, otd.biol.63 no.6:87-94 N-D '58 (MIRA 12:1)
(RHIZOSPHERE MICROBIOLOGY)

BEKKER, Z.E.; DMITRIYEVA, S.V.; BORISOVA, T.G.; TURKOVA, Z.A.; LISINA, Ye.S.; CHAPLINA, L.B.

Characteristics of the development of molds producing various antibiotic and antiblastic substances. Mikrobiologiia 34 no.4:653-660 Jl-Ag '65. (MIRA 18:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov; Eksperimental'naya laboratoriya zavoda imeni Karpova; Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo universiteta imeni M.V.Lomonosova.

LISINA, Ye.S.

Mycoflora of the rhizosphere in meadow symbiotrophic plants. Nauch. dokl. vys. shkoly; biol. nauki no.3:165-170 '64 (MIRA 17:8)

1. Rekomendovana laboratoriyey antibiotikov Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.

LISINA, Ye.S.; BEKKER, Z.E.

Mycoflora of the rhizosphere of symbiotrophic cultivated plants.
Bot. zhur. 49 no.7:1048-1051 Jl '64 (MIRA 17:8)

1. Moskovskiy gosudarstvennyy universitet.

BEKKER, Z.E.; RUBINSHTEYN, Yu.I.; LISINA, Ye.S.; KUDINOVA, G.P.

Distribution and properties of Eusarium strains from the sporotrichiella section and their anatgonists isolated in the areas of endemic Urov disease. Vop. pit. 18 no. 6:47-53 N-D '59. (MIRA 14:2)

1. Iz laboratorii antibiotikov Biologo-pochvennogo fakul'teta Moskovskogo gosudarstvennogo universiteta i otdela pishchevoy Instituta pitaniya AMN SSSR.
(ARTHRITIS) (SOILS—MICROBIOLOGY)

BEKKER, Z.E.; LISINA, Ye.S.; POLTORAK, V.A.; SILAYEV, A.B.

Iantinellin, an antibiotic with antifungal properties produced from Penicillium janthinellum Biourge. Antibiotiki 8 no.3: 207-212 Mr '63 (MIRA 17:4)

1. Laboratoriya antibiotikov biologo-pochvennogo fakul'teta Moskovskogo universiteta imeni Lomonosova.

LISINA, Ye.S.; BEKKER, Z.E.

Comparative antibiotic spectrum of grieseofulvin and janthinellin in regard to some bacteria, actinomycetes and fungi. Antibiotiki 9 no.12: 1043-1048 D '64. (MIRA 18:7)

1. Laboratoriya antibiotikov biologo-pochvennogo fakul'teta Moskovskogo universiteta.

ACC NR: AP6028633 SOURCE CODE: UR/0297/66/011/008/0727/0731

AUTHOR: Lisina, Ye. S.

ORG: Antibiotics Laboratory, Soil Biology Faculty, Moscow University (Laboratoriya antibiotikov biologo-pochvennogo fakul'teta Moskovskogo universiteta)

TITLE: Fungistatic action of janthinellin and griseofulvin on some phytopathogenic and saprophytic fungi

SOURCE: Antibiotiki, v. 11, no. 8, 1966, 727-731

TOPIC TAGS: fungistatic compound, janithinellin, griseofulvin, fungus, phytopathogenic fungus, saprophytic fungus, antibiotic

ABSTRACT: The fungistatic effect of janthinellin and griseofulvin on phytopathogenic fungi of the genera *Ascohyta, Alternaria, Fusarium, Cladosporium,* and *Helminthosporium* (causing root and stem disease in legumes, *Graminae,* and *Cruciferae*), and on partially parasitic fungi in *Penicillium, Cephalosporium,* and *Glioclodium* (affecting weakened plant tissues and seeds) was studied. Saprophytic strains of the selected species were used for comparison. Janthinellin proved to be considerably more effective against phytopathogenic fungi than against saprophytic strains, and most effective when the test organisms affected legumes.

 UDC: 615.779.932-092.258:582.28

ACC NR: AP6028633

This is probably due to the fact that the fungal species *Penicillium janthinellum* B. (the source of janthinellin) is predominant in the root zone of legumes. This selective effect of janthinellin indicates that plants can considerably influence the microflora in their root zones. Griseofulvin had an identical fungistatic effect on phytopathogenic and saprophytic fungi, which may be connected with the ability of different species of *Penicillium* to form this antibiotic.

[WA-50; CBE No. 12]

SUB CODE: 06/ SUBM DATE: 25Feb65/ ORIG REF: 005/ OTH REF: 001/

Card 2/2

LISINA, Z. S.

"Production of enantilidene-acetone"., Essafov, V. I., Wladimirtzev, I. F., Kassikhina, M. S., Lisina, Z. S., Pronina, Z. S., and Raicher, I. I. (p. 814)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii).1943, Volume 13, No. 11-12.

Student, Lab Organ Chem, Sverdlovsk State U.

L 25982-66 EWT(1) SCTB DD

ACC NR: AP6015094 SOURCE CODE: UR/0391/66/000/005/0039/0043

AUTHOR: Vyalov, A. M.; Lisichkina, Z. S.

ORG: Institute of Hygiene imeni F. F. Erisman (Institut gigiyeny)

TITLE: Characteristics of some clinical and physiological changes in workers exposed to the action of dispersed, constant magnetic fields under industrial and laboratory conditions

SOURCE: Gigiyena truda i professional'nyye zabolevaniya, no. 5, 1966, 39-43

TOPIC TAGS: magnetic field, biological effect, human physiology, industrial hygiene, central nervous system

ABSTRACT: According to the data compiled by the authors, magnetic field intensity around magnetizing and demagnetizing devices attains 1500 oe under some industrial conditions. The peak intensity affecting the hands of workers can reach 260—1000 oe. During repair work, when the hands are actually placed inside magnetic sources, the intensity can climb to a few thousand oe, while the head, thorax, abdomen, and legs are exposed to 150 oe. In 1961, the Institute of Hygiene imeni Erisman conducted a clinical and physiological study of 90 industrial workers and researchers exposed to the effects of dispersed, constant magnetic fields. The length of service of these subjects ranged from less than three years (first group) to more than three years (second group), and the age ranged from 20—40 years. It was found that during

Card 1/3 UDC: 613.647+617-001.21-057

the first part of the working day, the hands of workers in the first group did not show any changes. At the end of the working day, physiological shifts had appeared in some. The most consistent symptom was cutaneous hyperemia of the hands, especially the right hand. This symptom was noted with equal frequency in both workers and researchers. A study of the local reactivity of subjects by intracutaneous adrenalin-hystamine probes revealed a decrease in, and unstable tonus of, sympathetic and parasympathetic innervation in distal parts of the hand. Pain sensitivity was also found to be lowered, especially in the second and third fingers of the right hand. Cardiovascular tests revealed that both industrial workers and researchers experienced altered vascular reactions to exercise and a tendency toward arterial hypotension. Changes in stethoscopic indexes, a tendency towards sinus bradycardia, and EKG changes (elevated T spike and slightly lowered QRS value) were observed less often. Occasionally, nervous system excitability was affected by magnetic fields: one subject periodically suffered from headaches towards the end of and after the working day. Some subjects suffered from unpleasant sensations and pain in the cardiac region, bones, and joints. Others experienced increased fatigability, weakness, disrupted appetite, etc. Examinations revealed elevated knee reflexes, eyelid, and occasionally tongue tremors. An investigation of the oculo-vestibular system by K. A. Dmitriyeva revealed various degrees of depressed and elevated excitability. EEG tests by P. I. Shpil'berg revealed altered mobility of neural processes, and in some cases, a predominant cortical inhibitory process. Electrophoresis of blood samples by L. V. Zhidkova showed some increases in the globulin fraction with a

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ACC NR: AP6015094 O

tendency towards an increased albumin-globulin coefficient. These data indicated that dispersed, constant magnetic fields have a definite biological effect on humans even though the exposure intensities are 1—2 times less than those used in animal experiments (5000—10,000 oe). This study therefore dictates that prophylactic measures and improvements should be undertaken around industrial and laboratory sources of magnetic fields. The Institute of Hygiene imeni Erisman has already published "Tentative Methodological Standards" to this end.

[CD]

SUB CODE: 05, 06/ SUBM DATE: 13Feb65/ ORIG REF: 012/ OTH REF: 003/ ATD PRESS: 4256

Card 3/3 FW

DYAD'KIN, I.G.; LISINENKOV, A.T.

Calculation of a dose of neutrons from a polonium-beryllium source on the surface of a protective covering of paraffin up to 60 cm thick. Prikl. geofiz. no.36:233-235 '63. (MIRA 16:9)
(Neutrons--Scattering)

LISINETSKIY, I.

How we achieve the receipt of payments on time. Fin. SSSR 37 no.7:84-85 Jl '63. (MIRA 16:8)

1. Nachal'nik inspektsii gosudarstvennykh dokhodov Zhovtnevogo rayonnogo finansovogo otdela Odessy.
(Odessa--Payment)

LISINETSKIY, I.

Procedure for establishing a commodity fund. Fin.SSSR 21 no.4:79-81 Ap '60. (MIRA 13:4)

1. Nachal'nik inspektsii gosdokhodov Stalinskogo rayfinotdela Odessy.
(Odessa--Manufactures--Finance)

LISINSKA, H.

Ozarow declared a determined struggle against defects, p. 2. (ROLNIK SPOLDZIELCA. Warszawa, Vol. 8, no. 3, Jan. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jun. 1955, Uncl.

LISINSKIY, G.

25319 LISINSKIY, G. Maket "Lampovyy Generator" [Tipovoi ucheb. maket]
Voen. Svyazist, 1948, No. 7, S. 22-26

SO: Letopis'Zhurnal, Statey, No. 30, Moscow, 1948

LIBINSKIY, M.

Electric Power Plants

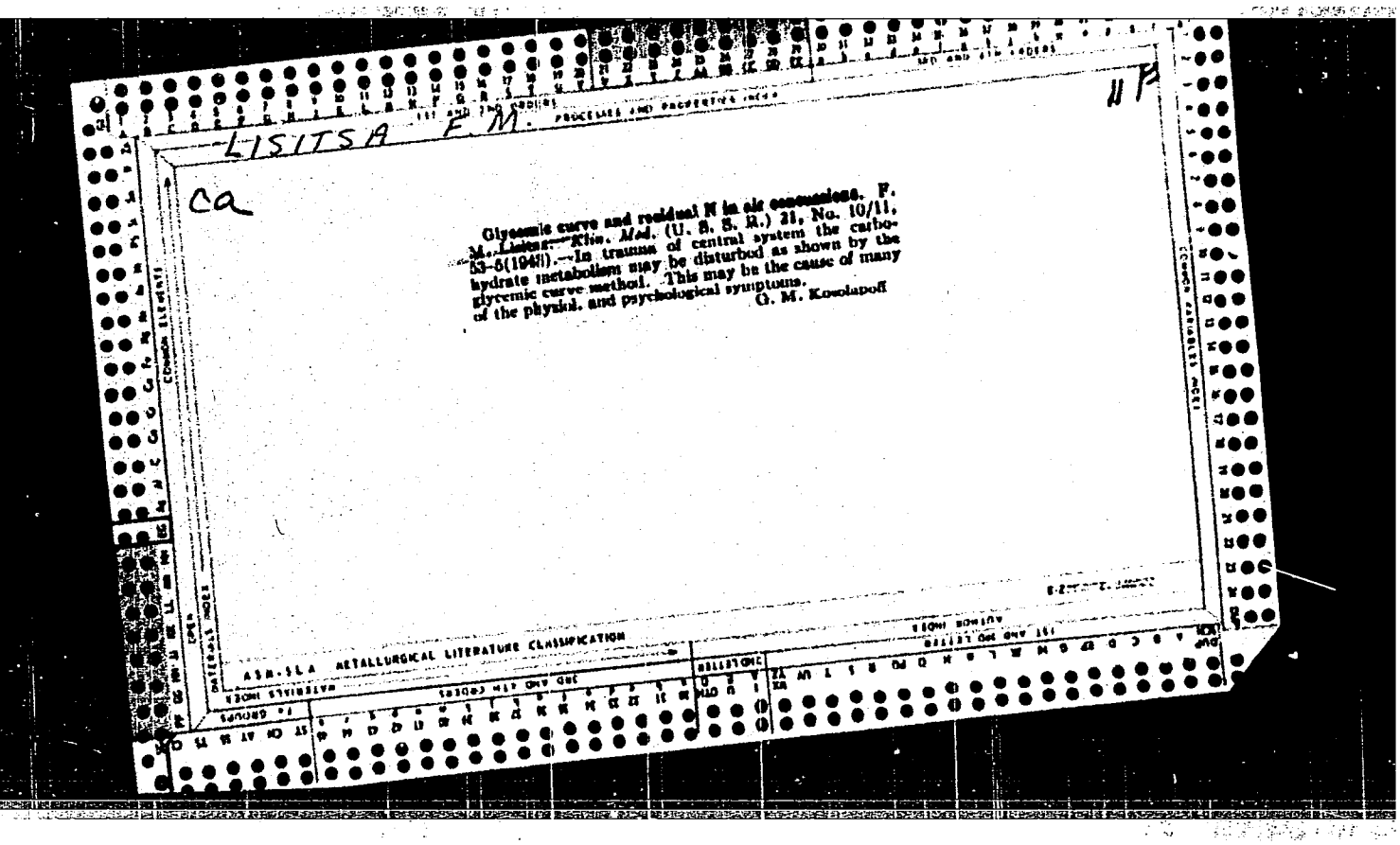
Operation of electric power stations for motion picture installations in cold weather. Kinomekhanik, No. 11, 1952.

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

LISITSA, E.M., inzh.; GORELYKH, A.G., inzh.; TROFIMOV, D.P., inzh.

Mechanized erection of concrete supports in the Krivoy Rog. Basin. Shakht. stroi. 7 no.11:19-22 N'63 (MIRA 17:7)

1. Krivirozhskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta organizatsii i mekhanizatsii shakhtnogo stroitel'stva (for Lisitsa, Gorelykh). 2. Trest Krivbasshakhtoprokhodka (for Trofimov).



LISITSA, F. M.

"Neurological Symptoms of Comatosa Malaria," Med. Parazitol. i Parazitar. Bol., No. 1, 1946.

Docent, Inst. Malaria and Med. Parasitol, Tadzhik SSR
Mbr., Chair Nervous Diseases, Stalinabad Med. Inst. 1946

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

3RD AND 4TH ORDERS

CA

11h

Effect of cardiazole, camphor, and insulin on the bio-electric activity of the cortex and subcortical formations of the large brain. F. M. Lisitsa, S. A. Sarkisov, and M. Ya. Serejskii (Brain Inst., Moscow). *Byull. Eksptl. Biol. Med.* 23, 202-7(1947).—The effect of convulsants and insulin on bioelec. activity of frog brain was recorded (2 figs.) by means of a Simons oscillograph with 3- and 4-stage amplification; subsequent changes in bioelec. action were related to various brain structures. Cardiazole or camphor produces a 4-phase action; after a short latent period in which all biocurrents are somewhat inhibited, a phase of wave discharges of greater amplitude occurs which corresponds to that characteristic for epileptic seizures. These waves originate in and are discharged principally by the cortex, but earlier and more intense discharges appear in the hypothalamus as compared with cortical activity. However, simultaneously with the biocurrent from cortex and hypothalamus, a discharge is observed in the subcortical regions. At the conclusion of the group of bio-elec. discharges, the biocurrents seem to be exhausted earlier in the cortex. In the 3rd, post-seizural phase a slow wave appears with individual discharges; later, (4th phase) bioelec. activity ceases. The changes characteristic of the 3rd and 4th phases are generated only in structures showing marked changes in potential (cortex). It is possible to detect a sep. discharge wave in the subcortical region by selective extinction of bioelec. activity in the cortex. Large doses (unspecified) of convulsants induce small differentiated bioelec. discharges in the

cortex and subcortical regions, which begin and end in each structure simultaneously; sometimes a stage of rhythmic activity is set up analogous to that found in narcomal narcosis. Insulin produced 5-phase bioelec. brain action. It sometimes caused an initial weak increase in α-wave amplitude in spontaneous activity and particularly in response to various stimuli followed by a similar weak depression in cortical activity. A rhythmic slow fluctuation in the occipital lobe is also observed in the 2nd phase; in the 3rd phase the α-waves almost disappear from the biocurrent of the cortex, and slow oscillations predominate. In the 3rd and 4th phases (absence of α-waves) the threshold of response to light and tactile stimuli rises. Tactile irritation of the skin or irradiation of the eye provokes wave discharges in the subcortical region bioelectrically characteristic for epileptic seizure. Insulin sometimes provokes true epileptic attacks in the animals at this stage. In the 5th phase complete absence of bioelec. response to light and exteroceptor stimuli develops in both cortical and subcortical formations. The changes in biocurrent described are closely connected with a fall in blood sugar as much as 60-53 mg. %. Intravenous glucose gradually restores bioelec. actions to normal. H. J. Oatfield

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

LISITSA, F.M.

PA 23/49T84

USSR/Medicine - Encephalitis, Sep/Oct 48
Hemorrhagic
Medicine - Meningitis

"Hemorrhagic Meningoencephalitis in Tadzhikistan," Docent F. M. Lisitsa, Prof A. S. Pentsik, Clinic of Nervous Diseases, Tadzhik Med Inst, 4 3/4 pp

"Nevropatol i Psikhiat" Vol XVII, No 5, 1948

Presents results of 1941-1946 investigations. Submitted 12 Apr 48.

23/49T84

LISITSA, F. M.

Lethargic form of encephalitis with psychic disorders. Nevropat. psikhiat., Moskva 19 no.4:23-27 July-Aug. 1950. (CIML 20:1)

1. Of the Clinic for Nervous Diseases (Head — Prof. A. S. Pentsik), Stalinabad Medical Institute, Stalinabad.

LISITSA, F.M., dotsent (Riga)

Neurological complications of influensa A2 in 1957. Klin.med. 37 no.9:47-53 S '59. (MIRA 12:12)

1. Iz Respublikanskoy klinicheskoy bol'nitsy (glavnyy vrach Z.N. Shelemina).
(INFLUENZA, complications)
(NERVOUS SYSTEM, diseases)

PENTSIK, A.S., prof.; LISITSA, F.M., dotsent; PAKAINSH, N.P. (Praga)

Experience in vaccination against poliomeylitis with live attenuated vaccine. Klin.med. 38 no.9:48-54 S '60. (MIRA 13:11)
(POLIOMYELITIS)

LISITSA, F.M.; SILIS, V.P.

Treatment of hemiballism with aminazine. Zhur.nevr.i psikh. 60 no.1:37-39 '60. (MIRA 13:6)

1. Respublikanskaya klinicheskaya bol'nitsa imeni P. Stradynya, Riga.

(CHLORPROMAZINE ther.)
(MOVEMENT DISORDERS ther.)

LISITSA, F.M.

Use of the ganglion-blocking substance tetramine in clinical neurology. Zhur. nerv. i psikh. 60 no. 2:161-166 '60.
(MIRA 14:4)

1. Respublikanskaya klinicheskaya bol'nitsa imeni P. Stradynya, Riga.
(PIPERIDINE)

DROGICHINA, E.A., doktor med. nauk; KEVORK'YAN, A.A., prof.; LUR'YE, Z.L., prof.; LISITSA, F.M., dotsent; PENTSIK, A.S., prof.; PESHKOVSKIY, G.V., prof.; SHAKHNOVICH, R.A., prof.; DAVIDENKOV, S.N., prof., otv. red.; BOGOLEPOV, N.K., prof., zam. otv. red.;

[Multivolume manual on neurology]Mnogotomnoe rukovodstvo po nevfologii. Moskva, Medgiz. Vol.3. Book 2.[Infectious and topic diseases of the nervous system]Infektsionnye i toksicheskie bolezni nervnoi sistemy. 1962. 524 p. (MIRA 15:11)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Davidenkov).

(NERVOUS SYSTEM--DISEASES)

LISITSA, F.M. (Moskva)

Aleksandr Mikhailovich Grinshtein. Zhur.nerv.i psikh. 62 no.6: 935-937 '62. (MIRA 15:11)
(GRINSHTEIN, ALEKSANDR MIKHAILOVICH, 1881-)

LISITSA, G.I.

Dynamics of the blood pressure in the brachial, temporal and central retinal arteries in schizophrenia patients during the process of treatment. Zhur. nevr. i psikh. 65 no.2:273-277 '65.
(MIRA 18:9)

1. Kafedra psikhiatrii (zaveduyushchiy - prof. V.V. Shostakovich) Dnepropetrovskogo meditsinskogo instituta.

LISITSA, G.P., kand. med. nauk; MANIK, Yu.S.

Spontaneous rupture of the inferior vena cava during labor. Akush. i gin. 40 no.2:123-124 Mr-Ap '64. (MIRA 17:11)

1. Kafedra akusherstva i ginekologii (zav. - prof. A.V. Anisimov) i patologicheskoy anatomii (zav. - prof. A.V. Sosunov) Ivano-Frankovskogo meditsinskogo instituta.

LISITSA, G. P., Cand Med Sci -- "Treatment of premature abortion with sodium bromide and caffeine." Chernovtsy, 1960 (Chernovtsy State Med Inst). (KL, 1-61, 208)

LISITSA, G.P.

Study of the bioelectrical activity of the uterus in spontaneous abortion after treatment with bromine and caffeine. Akush.i gin. 36 no.1:69-73 Ja-F '60. (MIRA 13:10)
(ABORTION) (UTERUS) (BROMINE) (CAFFEINE)

LISITSA, G.P., assistent

Role of bromine and caffeine in the compound treatment of premature termination of pregnancy. Akush.i gin. no.5:67-70 '61. (MIRA 15:1)

1. I kafedry akusherstva i ginekologii (zav. - prof. A.V. Anisimov) Stanislavskogo meditsinskogo instituta.
(BROMINE--THERAPEUTIC USE) (CAFFEINE--THERAPEUTIC USE)
(OBSTETRICS)

LISITSA, G.P., assistent; BARILO, G.V.

Use of tissue therapy in diseases of the female genitalia under conditions of a women's health center. Akush. i gin. no.2:136-137'63. (MIRA 16:10)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. A.V. Anisimov) Stanislavskogo meditsinskogo instituta.
(GENERATIVE ORGANS, FEMALE -- DISEASES)
(ORGANOTHERAPY)

Lisitsa, I. G.

Lisitsa, I. G. - "On wire torsion of a mining plumb line in the laying out of mines," Izvestiya Dnepfopetr. gornogo in-ta, Vol. XIX, 1948, p. 135-41

SO: U-3600, 10 July 53, (Letopis, Zhurnal 'nykh Statey, No. 6, 1949).

LISITSA, I. G.

Donets Basin--Magnetism, Terrestrial

Diurnal variation in the declination of a magnetic meridian at different depths of the Donets Basin in magnetically oriented mines. /Trudy/ VNIMI, 22, 1950.

9. Monthly List of Russian Accessions, Library of Congress, October 1958, Uncl.

ABRAMOV, S.K., kand.tekhn.nauk; AVERSHIN, S.G., prof., doktor tekhn.nauk; AMMOSOV, I.I., doktor geol.-min.nauk; ANDRIYEVSKIY, V.D., inzh.; ANTROPOV, A.N., inzh.; AFANAS'YEV, B.L., inzh.; BERGMAN, Ya.V., inzh.; BLOKHA, Ye.Ye., inzh.; BOGACHEVA, Ye.N., inzh.; BUKRINSKIY, V.A., kand.tekhn.nauk; VASIL'YEV, P.V., doktor geol.-min.nauk; VINOGRADOV, B.G., inzh.; GOLUBEV, S.A., inzh.; GORDIYENKO, P.D., inzh.; GUSEV, N.A., kand.tekhn.nauk; DOROKHIN, I.V., kand.geol.-min.nauk; KALMYKOV, G.S., inzh.; KASATOCHKIN, V.I., doktor khim.nauk; KOROLEV, I.V., inzh.; KOSTLIVTSEV, A.A., inzh.; KRATKOVSKIY, L.F., inzh.; KRASHENINNIKOV, G.F., prof. doktor geol.-min.nauk; KRIKUNOV, L.A., inzh.; LEVIT, D.Ye., inzh.; LISITSA, I.G., kand.tekhn.nauk; LUSHNIKOV, V.A., inzh.; MATVEYEV, A.K., dots., kand.geol.-min.nauk; MEPURISHVILI, G.Ye., iznh.; MIRONOV, K.V., inzh.; MOLCHANOV, I.I., iznh.; NAUMOVA, S.N., starshiy nauchnyy sotrudnik; NEKIPELOV, V.Ye., inzh., PAVLOV, F.F., doktor tekhn.nauk; PANYUKOV, P.N., doktor geol.-min.nauk; POPOV, V.S., inzh.; PYATLIN, M.P., kand.tekhn. nauk; RASHKOVSKIY, Ya.Z., inzh.; ROMANOV, V.A., prof., doktor tekhn. nauk; RYZHOV, P.A., prof., doktor tekhn.nauk; SELYATITSKIY, G.A., inzh.; SPERANSKIY, M.A., inzh.; TERENT'YEV, Ye.V., inzh.; TITOV, N.G., doktor khim.nauk; GOKAREV, I.F., inzh.; TROYANSKIY, S.V., prof., doktor geol.-min.nauk; FEDOROV, B.D., dots., kand.tekhn.nauk; FEDOROV, V.S., inzh. [deceased]; KHOMENTOVSKIY, A.S., prof., doktor geol.-min.nauk; TROYANOVSKIY, S.V., otvetstvennyy red.; TERPIGOREV, A.M., red.; KRIKUNOV, L.A., red.; KUZNETSOV, I.A., red.; MIRONOV, K.V., red.; AVERSHIN, S.G., red.; BURTSEV, M.P., red.; VASIL'YEV, P.V., red.; MOLCHANOV, I.I., red.; RYZHOV, P.A., red.; BALANDIN, V.V., inzh., red.; BLOKH, I.M., kand. tekhn.nauk, red.; BUKRINSKIY, V.A., kand.tekhn.nauk, red.; VOLKOV, K.Yu., inzh., red.; VOROB'YEV, A.A., inzh., red.; ZVONAREV, K.A., prof. doktor tekhn.nauk, red.

(Continued on next card)

ABRAMOV, S.K.-- (continued) Card 2.
ZDANOVICH, V.G., prof., doktor tekhn.nauk, red.; IVANOV, G.A., doktor geol.-min.nauk, red.; KARAVAYEV, N.M., red.; KOROTKOV, G.V., kand.geol.-min.nauk, red.; KOROTKOV, M.V., kand.tekhn.nauk, red.; MAKKAVEYEV, A.A., doktor geol.-min.nauk, red.; OMEL'CHENKO, A.N., kand.tekhn.nauk, red.; SENDERZON, E.M., kand.geol.-min.nauk, red.; USHAKOV, I.N., dots., kand. tekhn.nauk, red.; YABLOKOV, V.S., kand.geol.-min.nauk, red.; KOROLEVA, T.I., red.izd-va; KACHALKINA, Z.I., red.izd-va; PROZOROVSKAYA, F.L., tekhn.red.; NADEINSKAYA, A.A., tekhn.red.

[Mining; an encyclopedia handbook] Gornoe delo; entsiklopedicheskii spravochnik. Glav. red. A.M.Terpigorev. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po ugol'noi promyshl. Vol.2. [Geology of coal deposits and surveying] Geologiia ugol'nykh mestorozhdenii i marksheiderskoe delo. Redkolegiia toma S.V.Troianskiy. 1957. 646 p. (MIRA 11:5)

1. Chlen-korrespondent AN SSSR (for Karavayev)
(Coal geology--Dictionaries)

LISITSA, I.G., dotsent

Surface faulting during underground workings in the Nikopol' Manganese Basin. Izv.vys.ucheb.zav.; gor.zhur. 3-13 '59. (MIRA 13:5)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni gornyy institut imeni Artema. Rekomendovana kafedroy marksheyderskogo dela.
(Nikopol'--Manganese) (Mining engineering) (Gaults (Geology))

LISITSA, I.G., dotsent

Limits for the use of stepped mine orientation. Izv. vys. ucheb. zav.; gor. zhur. no. 11:87-92 '60. (MIRA 13:12)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni gornyy institut imeni Artema. Rekomendovana kafedroy marksheyderskogo dela Dnepropetrovskogo gornogo instituta..
(Mine surveying)

LISITSA, I.G., kand.tekhn.nauk

Offset method of mine orientation. Gor. zhur. no.4:64-67 Ap '60.
(MIRA 14:6)

1. Dnepropetrovskiy gornyy institut.
(Mine surveying)

LISITSA, I.G., dotsent

Comparative results of offset and gyroscopic orientation in mines of the Krivoy Rog Basin. Izv. vys. ucheb. zav.; gor. zhur. no.11: 58-60 '61. (MIRA 15:1)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni gornyy institut imeni Artema. Rekomendovana kafedroy marksheyderskogo dela.
(Krivoy Rog Basin--Mine surveying)

LISITSA, I.G., dotsent

Some results of studying surface movements in underground mining of the Nikitovka mercury deposit. Izv. vys. ucheb. zav.; gor. zhur. 5 no.1:53-60 '62. (MIRA 15:4)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni gornyy institut imeni Artema. Rekomendovana kafedroy marksheyderskogo dela Dnepropetrovskogo gornogo instituta.
(Donets Basin--Mercury mines and mining)
(Subsidences (Earth movements))

LISITSA, I.G., kand.tekhn.nauk

Using plumb bobs in geometrical orientation of mines. Ger. zhur. no.8:49-52 Ag '63. (MIRA 16:9)

1. Dneprepetrovskiy gornyy institut.
(Mine surveying)
(Plumb-line deflections)

LISITSA, I.G., dotsent

Multiple bob plumbing during mine orientation. Izv.vys. ucheb. zav.; gor. zhur. 6 no. 12:68-75 '63. (MIRA 17:5)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni gornyy institut imeni Artema. Rekomendovana kafedroy marksheyderskogo dela.

LISITSA, M. [Lysytsia, M.]

Max Planck. Nauka i zhyttia 8 no.4:47 Ap '58. (MIRA 13:5)
(Planck, Max Karl Ernest Ludwig, 1858-1947)

LISITSA, M. [Lysytsia, M.], dots.

"Frozen" light. Znan.ta pratsia no.10:6-7 O '59.
(MIRA 13:2)
(Phosphorescence)

LISITSA, M.I.

USSR

535.514.2

10101. Calculations concerning, and investigation of, a polarizer for the infrared. M. I. LISITSA AND A. A. STOLYAROVSKI. *Izv. Akad. Nauk SSSR, Ser. Fiz.*, 17, No. 5, 660-8 (1953) *In Russian.*

Formulae are worked out for the degree of polarization P of light passed by a pile of plates, making allowance for absorption in the plates, and interference in the thin layers of air between them. With proper dimensioning of the polarizer (thickness of the plates and of the air space between them) these two effects can increase the value of P, and i.r. light, incident at the Brewster angle on a pair of selenium plates, should come out 99·5% polarized: which is approximately confirmed by experiment. The formulae deduced are found to reproduce experimental results, e.g. for the variation of P with the angle of incidence, satisfactorily. A diagram of the arrangement for investigation of the polarization of i.r. light by a pile of selenium plates is shown. J.R. C. MURRAY

LISITSA, M.I.

SUBJECT USSR / PHYSICS CARD 1 / 2 PA - 1937
AUTHOR LISICA,M.I.
TITLE The Spectrophotometric Method of Investigating the Dispersion and Absorption of Solids.
PERIODICAL Dokl.Akad.Nauk 111,fasc.4,803-805 (1956)
Issued: 1 / 1957

The quantitative investigations of the absorption spectra of solids meet with some difficulties which are connected with the exact consideration of the reflected light. The method developed by the author makes it possible not only to determine a reliable absorption curve, but also to construct the absorption curve in the same spectral range. Here the main varieties of this method are discussed.

Variety I: On an absorbing planeparallel layer a parallel bundle of light is assumed to incide with the intensity I_o. It is then true that:

$$I_d/I_o = (1-R)^2 e^{-Kd}/(1 - R^2 e^{-2Kd}) = D$$

$$I_r/I_o = R\ 1 - e^{-2Kd}(2R - 1)\ /(1 - R^2 e^{-2Kd}) = \mathcal{R}$$

Here I_d and I_r denote the intensity of the passing through and the reflected bundle respectively, K - the absorption coefficient, d - the thickness of the layer, R - the reflection coefficient of the surface, D and $\mathcal{R}$ - the transparency- and reflection coefficients respectively of the entire layer. Here only the most simple case of a normal incidence is dealt with. At first R and K are

absorption bands are split up into two components in the case of the [illegible] curve of true absorption. These two varieties offer many possibilities. The most promising is apparently [illegible] which case only the bundles of light that pass through. The tranparency coefficient D of the two samples of different thickness must in this case be measured for this purpose, after which a system of equations of the above type is solved. This is unfortunately possible only by approximation.

INSTITUTION: State University Kiev

LISITSA, M. P.

Dissertation: "Investigation ofMicrospectrum Absorption of Crystals in Polarized Light in the Infrared Spectrum Region." Cand Phys-Math Sci, Kiev State U, Kiev, 1953. Referativnyy Zhurnal--Fizika, Moscow, May 54.

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Calculation and investigation of a polarizer for infrared spectrum. M. P. Lisitsa and A. A. Shishlovskiĭ (T. G. Shevchenko State Univ., Kiev). *Izvest. Akad. Nauk S.S.S.R., Ser. Fiz.* 17, 600-8(1953).—The design of a polarizer consisting of several layers of evapd. Se 0.45-3.5 μ thick is described and calcns. of the amt. of polarization are compared with exptl. results. S. Palawer

FD-1077

USSR/Physics - Dielectric layers

Card 1/1 Pub. 153 - 13/24

Author : Lisitsa, M. P.

Title : Reflection and passage of light through a system of thin and thick dielectric layers

Periodical : Zhur. tekh. fiz., 24, No 10, 1837-1850, Oct 1954

Abstract : The author derives recursive and general formulas for determining the intensity of the reflected and passing light through a system of any number of thin or thick isotropic layers. They consider some definite cases where the general formulas are applicable to the study of transparent coatings. Thanks A. A. Shishlovskiy.

Institution : -

Submitted : February 24, 1953