

ETLIS, V.S.; SIMONOV, A.P.; RAZUVAYEV, G.A.

Reaction of alkene oxides with methylisothiocyanate. Izv. AN
SSSR Ser. khim. no.11:2051-2055 N '64 (MIRA 18:1)

1. Gor'kovskiy gosudarstvennyy universitet.

W. H. C. ... R. ...

...
... b. d. m. ... (1961)

Reactions of alkene oxides with isocyanates. Part 2. Synthesis and properties of 1-phenylimino-1-thio-3-oxalane. *Id.*: 4090-4094

L 13621-66 EWT(m)/EWP(j)/T/EWA(c) RPL WW/RM

ACC NR: AP6000976

(A)

SOURCE CODE: UR/0206/65/000/022/0057/0056

AUTHORS: Etlis, V. S.; Sineokov, A. P.; Razuvayev, G. A.

25
B

ORG: none

TITLE: A method for obtaining sulfur-containing polyurethanes. Class 39, No. 176397
[announced by State Unified Scientific Research Institute of Organochlorine Products
and Acrylates (Gosudarstvennyy soynuznyy nauchno-issledovatel'skiy institut
khlrororganicheskikh produktov i akrilatov)]

SOURCE: Byulleten' izobretoniy i tovarnykh znakov, no. 22, 1965, 57-58

TOPIC TAGS: sulfur, sulfur compound, urethane, catalyst, amine, ethylene compound

ABSTRACT: This Author Certificate presents a method for obtaining sulfur-containing polyurethanes by the interaction of isocyanates and thioisocyanates with a sulfur-containing compound in the presence of a catalyst (ternary amines). To increase the thermal resistance of the polyurethanes, ethylene sulfide is used as the sulfur-containing compound.

14.55

SUB CODE: 07/

SUBM DATE: 01Apr62

Card 1/1

HW

UDC: 678.664.547.313.2'569.2

SINEKOV, G. N.

Agricultural Machinery

MOTION of the working parts of soil cultivating machinery in the soil during the starting period of work. Sel'khoz mashina, No. 3, 1952

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

SINIKOV, Georgiy Nikolayevich

SINIKOV, Georgiy Nikolayevich (All-Union Inst of Agricultural Machine Building)
Academic degree of Doctor of Technical Sci based on his defense, 24 May 1955, in
the United Council of the All-Union Sci Res Inst for the Mechanization of Agriculture
and All-Union Sci Res Inst for the Electrification of Agriculture, of his
dissertation entitled: "Resistance of Soil Arising Upon its Cultivation." for
the Academic Degree of Doctor of Sciences

SO: 'Bulletin' Ministerstva Vysshego Obrazovaniya SSSR, List No. 3, 4 February 1956
Decisions of the Higher Certification Commission Concerning Academic Degrees
and Titles.

JPRS/NY 554

SINEOKOV, G.N.

Characteristics of the working parts of moldboard plows under forces. Sel'khozmaschina no.6:3-6 Je '56. (MLBA 9:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokhozyaystvennogo mashinostroyeniya.
(Plows) (Dynamometer)

LAYKHTER, E.G.; CHUMAK, A.V., inzh., red.; BEZRUCHKIN, I.P., kand.tekhn. nauk, red.; ZANIN, A.V., kand.tekhn.nauk, red.; ZVOLINSKIY, N.P., inzh., red.; IVANOV, I.S., inzh., red.; KLETSKIN, M.I., inzh., red.; PETROV, G.D., kand.tekhn.nauk, red.; PUSTYGIN, M.A., doktor tekhn. nauk, red.; RABINOVICH, I.P., kand.tekhn.nauk, red.; RUDASHEVSKIY, D.Sh., kand.tekhn.nauk, red.; SINEOKOV, G.N., doktor tekhn.nauk, red.; SYSOYEV, N.I., kand.tekhn.nauk, red.; FEDOROV, V.A., inzh., red.; CHAPKEVICH, A.A., kand.tekhn.nauk, red.; PONOMAREVA, A.A., tekhn.red.

[Bibliographic manual on tillage machinery and implements] Bibliograficheskiy spravochnik po pochvoobrabatyvaiushchim mashinam i orudiam. Moskva, Gosplanizdat. No.2. [Literature in the Russian language from 1730-1955] Literatura na russkom iazyke za 1730-1955 gg. Pod red. G.N.Sineokova. 1959. 263 p. (MIRA 13:9)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokhozyaystvennogo mashinostroyeniya.
(Bibliography--Agricultural machinery)

SINEOKOV, G.N.

Useful and idle resistance of plows. Trakt. i sel'khoz mash.
no.2:14-17 F '59. (MIRA 12:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokhozyaystven-
nogo mashinostroyeniya. (Plows)

SINEKOV, G.N.

Graphical methods for determining the forces acting upon
mounted and semimounted plows. Trakt.i sel'khoz Mash. no.8:
17-19 Ag '59. (MIRA 12:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel sko-
zhozyaystvennogo mashinostroyeniya (VSKhOM).
(Plows)

ЛИНД КОВ, Н.И.

Position of the pyramids of the temporal bones. Arkh.anat.gist.
i embr. 48 no.3:78-83 Mz '65. (MIRA 18:6)

1. Kafedra normal'noy anatomii (zav. - kand.med.nauk dotsent B.M.
Anfimov) i kafedra otorinolaringologii (zav. - kand.med.nauk
dotsent V.A.Simolin) Gor'kovskogo meditsinskogo instituta,

AGAPOV, Ye.S.; ANISIMOV, V.F.; NIKONOV, V.B.; PROKOF'YEVA, V.V.; SINENOK, S.M.

Experimental application of television technique for observations
of stars. Izv. Krym. astrofiz. obser. 30:3-18 '63.

(MIRA 17:1)

2

L 64123-65 EFO-2/EEL-2/EEC(k)-2/ENT(d)/ENT(1)/ERD/FS(v)-3/T-2/EIA(d)/EEC(s)-3/0635
ACCESSION NR: AP5021256 FSS-2 CW/WR UR/0293/65/003/004/0630/0635
621.397.13:629.19

AUTHOR: Agapov, Ye. S.; Anisimov, V. F.; Mozhzerin, V. M.; Nikonov, V. B.
Prokof'yeva, V. V.; Pergament, V. I.; Sinenok, B. M.

TITLE: Observations of artificial earth satellites by television

SOURCE: Kosmicheskiye issledovaniya, v. 3, no. 4, 1965, 630-635

TOPIC TAGS: satellite observation, earth satellite, television observation, optical satellite observation, Gelios 53 lens

ABSTRACT: The results are given of observations of artificial earth satellites made with a highly sensitive television system employing a Gelios-53 lens (D = 80 mm, F = 200 mm) and mounted on an APSh-30 parallax stand. The observations were made in accordance with computed ephemerides. All predicted satellite passages were detected visually and recorded photographically. These visual observations proved that the television system was capable of detecting and tracking satellites having a stellar magnitude of 8-9 with relative ease. Notwithstanding the short focal length, the satellite's position on the negative could be determined with an acceptable degree of accuracy. Orig. art. has: 8 figures. [DM]

Card 1/1

L 64123-65
ACCESSION NR: AP5021256

ASSOCIATION: none

SUBMITTED: 28Feb64

ENCL: 00

SUB CODE: SV, DC

NO REF SOV: 005

OTHER: 001

ATD PRESS: 4090

Card 272

SIR 1-4 D.L.

Experimental clinical use of the Soviet vitamin-tea tannin preparation. V. G. Smagin, D. I. Sinepol, and V. V. Chechilova (Leningrad Sanit.-Hyg. Med. Inst.). *Klin. Med.* 34, No. 6, 52-7(1956).—Combined use of tea tannin and ascorbic acid reduces considerably the permeability of the capillaries. The action of tea tannin is only effective during its administration. Upon discontinuation the permeability rises rapidly. The most beneficial effect of tea tannin is noticed in capillary toxosis with its increased permeability and fragility. A. S. Mirkin

3

Med

Chair propedavotiki vnutrennikh zabolevanij

SINEPOL, S. [Syniepol, S.]

Let's expand the production of corrugated roofing materials. Sil'.
bud. 10 no.11:15-16 N '60. (MIRA 13:11)

1. Rukovoditel' Lebedinskoy rayonnoy kolkhoznoy stroitel'noy organi-
zatsii. Sumskoy oblasti.

(Roofing)

SIMPOL'SKIY, A.S.; ISHCHENKO, A.G.

Surface hardening of green sand molds. Lit. proizv. no.1:37-38
Ja '65. (MIRA 18:3)

11/11/68

11/11/68 11:11 machine. 11/11/68 11:11 machine. 11/11/68 11:11 machine.

(11/11/68 18:7)

SINEPOL'SKIY, A.S.

Clay mixer. Lit. proizv. no.9:45 9 '64.

(MIRA 18:10)

ACCESSION NR: AP4013499

S/0181/64/006/002/0424/0429

AUTHORS: Bar'yakhtar, V. G.; Sinopol'skiy, O. I.

TITLE: Scattering of slow neutrons in antiferromagnetics with weak ferromagnetism

SOURCE: Fizika tverdogo tela, v. 6, no. 2, 1964, 424-429

TOPIC TAGS: neutron scattering, slow neutron, antiferromagnetic material, ferromagnetism, elastic scattering, inelastic scattering, nuclear scattering, neutron polarization

ABSTRACT: This study resulted from recent interest in antiferromagnetics with weak ferromagnetism and the fact that one branch of the spin waves has a very low activation energy. These waves have a substantial effect on the thermodynamic and kinetic properties of such antiferromagnetics. The authors have computed the cross section and polarization of elastic and inelastic scattering in Mn, Ni, and Co carbonates. In examining the inelastic scattering they have begun with the phenomenological theory of spin waves. It is shown that, along with magnetic scattering from planes for which the sum of the indices is odd, scattering also takes place in these antiferromagnetics from planes for which the sum of the

Card 1/2

ACCESSION NR: AP4013499

indices is even, the intensity of the scattering being proportional to the square of the average magnetic moment in the body. When unpolarized neutrons are scattered, polarization develops in the scattered beam through interference of magnetic and nuclear scattering. The degree of polarization is proportional to the antiferromagnetic vector for reflection from planes with odd index totals, to the ferromagnetic moment for reflections from planes having even index sums. Orig. art. has: 1 figure and 19 formulas.

ASSOCIATION: none

SUBMITTED: 29Jul63

DATE ACQ: 03Mar64

ENCL: 00

SUB CODE: NP, MT

NO REF SOV: 008

OTHER: 001

Card 2/2

Abdulsalyt nazir URSR, Rlyev, Institut elektrosvari iseni akademiya Ye. O. Ptoma
Proednyie metody sposoby svari v promyshlennosti, 1972, 2 (Introduction of
New Welding Methods in Industry; Collection of articles, No. 2) 119 pp. 20,
14000 copies printed. 184 p. Article ship inserted.

Ed.: V. Garbuzov; Tech. Ed.: S. Metusovich.

FOREWORD: This book is intended for workers in the welding industry.

CONTENT: The book contains a discussion of welding techniques and problems by
groups of scientists and workers. Much attention is given to problems in the
application of new methods of mechanized welding and electroslag welding.
This is the second collection of articles under the same title prepared and
published by the Institut elektrosvari iseni Ye. O. Ptoma (Institute of
Electric Welding Iseni Ye. O. Ptoma). The previous is written by S. Ye. Ptoma,
Academician of the Ukrainian Academy of Sciences and winner of the Lenin Prize.

There are no references.
Iakov A. S. [Engineer]; Ye. A. Stambolov [Candidate of Technical
Sciences], V. K. Erumchev [Engineer]; Institut elektrosvari iseni
Ye. O. Ptoma (Electric welding Iseni Ye. O. Ptoma); P. P.
Avdeyev [Engineer, Chief Engineer]; Institut elektrosvari iseni
Ye. O. Ptoma; V. K. Stambolov [Engineer]; Promyshlenniy iseni 1977
Izdatel'stvo "Mashinostroyeniya" V. V. Chernikov [Engineer]; Sovet-
skiy zavod mashinostroyeniya (New Krasnodar Machinery
Plant); Electroslag Welding of Steel-plate Construction
Plant; L. A. S. [Senior Engineer], A. K. Mazurek [Candidate of Technical Sciences],
S. I. Korikov [Senior Engineer]; Institut elektrosvari iseni Ye. O. Ptoma
[Electric Welding Institute Iseni Ye. O. Ptoma]; Making Indices for Chemical
Equipment by Electroslag Welding of Medium-Alloyed Steel Forgings

Medvedev, B. I. [Candidate of Technical Sciences], A. E. Stambolov
[Engineer]; Institut elektrosvari iseni Ye. O. Ptoma [Electric Welding
Institute Iseni Ye. O. Ptoma], and I. K. Stambolov [Candidate of Technical
Sciences]; Podol'skiy mashinostroyitel'skiy zavod (Podol'sk Machine-
building Plant); Institut elektrosvari iseni Ye. O. Ptoma; Electro-
slag welding of large flange of 18Kh2N7 Austenitic Steel

Osenskiy, S. K. [Candidate of Technical Sciences], V. P. Mazurek
[Engineer]; Institut elektrosvari iseni Ye. O. Ptoma [Electric Welding
Institute Iseni Ye. O. Ptoma], and I. K. Stambolov [Candidate of Technical
Sciences]; Podol'skiy mashinostroyitel'skiy zavod (Podol'sk Machine-
building Plant); Institut elektrosvari iseni Ye. O. Ptoma; Making Indices of a
Large Flange; Electroslag Automatic Arc Welding of Medium and Large
Thickness of Titanium

Polubnyaya, L. L. [Candidate of Technical Sciences], V. P. Mazurek
[Senior Engineer], I. L. Pravin [Candidate of Technical Sciences]; Institut
elektrosvari iseni Ye. O. Ptoma (Electric welding Institute Iseni
Ye. O. Ptoma); L. A. Ilyukhin [Shop Foreman]; Sovetskoye Mashinostroyeniye
Leningradskiy zavod Iseni O. I. Petrovskoye (Soviet Machinebuilding
Plant Iseni O. I. Petrovskiy), V. P. Gerasimov [Shop Superintendent];
Alchevskiy metalurgicheskiy zavod Iseni Ye. O. Ptoma (Alchevsk
Metalurgical Plant Iseni Ye. O. Ptoma); Institut elektrosvari iseni Ye. O. Ptoma
[Chief Scientist, Magnetically Controlled Electroslag Welding]; Institut
elektrosvari iseni Ye. O. Ptoma [Introduction of Automatic Electroslag Welding in
the Metalurgical Industry]

Yashchich, B. I. [Candidate of Technical Sciences], S. L. Mazurek
[Senior Engineer]; Institut elektrosvari iseni Ye. O. Ptoma [Electric Welding
Institute Iseni Ye. O. Ptoma]; Institut elektrosvari iseni
Ye. O. Ptoma (Electric welding Institute Iseni Ye. O. Ptoma);
Z. O. Mazurek [Candidate of Technical Sciences]; Ukrainian machine-
building plant Iseni Ye. O. Ptoma (Ukrainian Scientific and Research
Institute of Pipes), and S. A. Pravin [Chief Engineer]; Chemically
transformed metal (Chemical Pipe-rolling Plant); New Technique
in Straightening Welding of Large-Diameter Oil and Gas Pipes

Yakovlev, G. V. [Engineer]; Institut elektrosvari iseni Ye. O. Ptoma
[Electric Welding Institute Iseni Ye. O. Ptoma]; Institut elektrosvari iseni
Ye. O. Ptoma (Electric welding Institute Iseni Ye. O. Ptoma); Institut
elektrosvari iseni Ye. O. Ptoma (Electric welding Institute Iseni Ye. O. Ptoma);
Chief Scientist, Magnetically Controlled Electroslag Welding; Institut
elektrosvari iseni Ye. O. Ptoma [Introduction of the USSR]; Mach-
anical Methods of Welding in Pipeline Construction

Zakharov, G. V. [Candidate of Technical Sciences, Member of Lenin
Prize]; Institut elektrosvari iseni Ye. O. Ptoma (Electric Welding
Institute Iseni Ye. O. Ptoma); Ye. A. Mazurek [Chief Engineer];
Ukrainskoye Mashinostroyeniye (Ukrainian Machinebuilding for Petroleum Marketing),
and Ye. P. Pravin [Head of Construction and Assembly Administration
No. 701 Treat]; Ministerstvo stroitel'stva i stroyeniya (Ministry of Con-
struction, Trust 71); Introduction of the Method for Elements in the
Petroleum Industry

SINERGIJA, 1960

PHASE I BOOK EXPLOITATION SOV/5078

Akademiya nauk USSR, Kiev. Institut elektrozvarivaniya
 Vnedreniye novykh sposobov svarki v promyshlennost'; sbornik statey.
 vyp. 3 (Introduction of New Welding Methods in Industry; Col-
 lection of Articles. V. 3) Kiev, Gos. izd-vo tekhn. lit-ry
 UkrSSR, 1960. 207 p. 5,000 copies printed.

Sponsoring Agency: Otdelna Trudovogo Krasnogo Znamenii Institut
 elektrozvarki imeni akademika Ye. O. Patona Akademi nauk
 Ukrainiyskoy SSR.

Ed.: M. Pisarenko; Tech. Ed.: S. Matusevich.
 PURPOSE: This collection of articles is intended for personnel in
 the welding industry.

COVERAGE: The articles deal with the combined experiences of the
 Institut elektrozvarki imeni Ye. O. Patona (Practical Welding
 Institute imeni Ye. O. Paton) and several industrial enterprises
 in solving scientific and engineering problems in welding

technology. Problems in the application of new methods of re-
 enhanced welding and electroslag welding in industry are discussed.
 This is the third collection of articles published under the same
 title. The Foreword was written by B. Ye. Paton, Academician of
 the Academy of Sciences Ukrainian SSR and Lenin prize winner.
 There are no references.

TABLE OF CONTENTS:

Isteva, A. S. [Engineer], Yu. A. Sterenbogen [Candidate of Technical Sciences], V. M. Khryuzina [Engineer, Electric Welding Institute imeni Ye. O. Paton], D. P. Antonaid [Engineer, Zhdanovskiy zavod imeni Zhilicha (Zhdanov Plant imeni Zhilich)], V. I. Babinyovich [Engineer, Barnaul'skiy hotel'nyy zavod (Barnaul Hotel Plant)], and V. V. Chernykh [Engineer, Nev Krmatorsk Machinery Plant]. Electroslag Welding of Steel-Plate Structures	17
Isteva, A. S. [Engineer], A. M. Malinin [Candidate of Technical Sciences], and I. V. Novikov [Senior Engineer, Electric Welding Institute imeni Ye. O. Paton]. Electroslag welding of Structures for Chemical Equipment Made From Medium-Alloy Steel Forged Sections	32
Makarov, R. I. [Candidate of Technical Sciences], V. M. Bronnikov [Engineer, Electric Welding Institute imeni Ye. O. Paton], and I. N. Gerasimov [Head of Welding Depart-ment, Podoi'skiy mashinostroitel'nyy zavod imeni S. G. Ordzhonikidze (Podoi'sk Machinery Plant imeni S. G. Ordzhonikidze)]. Electroslag Welding of Large Flanges Made of Kh18Ni9Ti Austenitic Steel	51
Guravich, S. M. [Candidate of Technical Sciences], V. P. Blazhko [Engineer], S. D. Zakharenko [Engineer, Electric Welding Institute imeni Ye. O. Paton], P. S. Sinepol'skiy [Head of Welding Engineering Department], and S. I. Sharyi [Welding Shop Process Engineer]. Automatic Arc and Electroslag Welding of Medium and Large Thickness Titanium Products	64
Gorbunov, G. V. [Engineer, Electric Welding Institute imeni Ye. O. Paton], P. A. Yasko [Head of Welding Laboratory, VVIST], and V. A. Gerasimov [Chief of the Bureau for Gas-line Construction, G. V. Yashkovskiy (Chief of the Bureau for Gas-line Construction, G. V. Yashkovskiy (Main Administration of the Gas Industry USSR))]. Mechanized Methods of Welding Main Gas Pipelines	74

SINFSCU, A.; GHENOFGHIU, I.; SAPHIER, I.

Research in power resources in support of the development of the material base of the metallurgic industry. p. 77. Academia Republicii Populare Romine. ANALELE. Bucuresti. Suppl. to v. 3, 1955.

SOURCE: East European Accessions List (EEAL) Library of Congress.
Vol. 5, no. 9, Sept. 1955

11F

RECEIVED AND INDEXED

Secretory regularities of the pancreas in swine. A. U. Sinyachkin. *J. Physiol. U. S. S. R.* 27, 70-84 (in German, 81) (1952).-- The pancreas secretion in swine varies from 2 to 10 l./day. Secretion is increased by feeding, by the admin. of acids to the food and by introduction of NaCl solns. into the stomach. The admin. of Na_2CO_3 or pancreas juice to the food, or neutralization of the stomach contents with Na_2CO_3 inhibits secretion. Pancreas juice contains 12-25 mg. of dry residue, 5.0-19.0 mg. of ash and 5.0-7.0 mg. of organic material per cc. The alkyl. corresponds to 0.3-0.81% NaHCO_3 . The amylase content is 640-5120 units and the trypsin activity corresponds to 4-8 mm. by the method of Mett. S. A. K.

METALLURGICAL LITERATURE CLASSIFICATION

31NESHCHEROV A

The isolated small stomach and gastric secretion in rabbit. A. Sneshechekov, T. Polterzhskaya and N. Svatanskaya: *J. Physiol. U. S. S. R.* 27, 92-4 (in English, 1961) (1960). The gastric juice of rabbits differs from that of other farm animals in its higher digestive capacity, higher acidity and its higher content of dry residue and org. matter. S. A. Kargala

ASB VIA METALLOGICAL LITERATURE CLASSIFICATION

SINESHCHEKOV, A.D.

Sineshchekov, A.D. "The method of double external anastomoses for studying digestion in agricultural animals", Doklady (Mosk. s.-kh. akad. im. Timiryazeva), Issue 8, 1948, (In index: 1949), p. 179-82.

SO: U-411, 17 July 43, (Letopis Zhurnal 'nykh Statey, No. 20, 1949)

SPESHCHENKOV, A. D.

25915. SPESHCHENKOV, A. D. Izuchenie metodikoy anastomozoy pishchevaritel'nykh i obmennyykh funktsiy zheludochno-kishechnogo trakta u molodnyaka krupnogo rogatogo skota pri golodanii i pri razlichnykh vidakh kormleniya. Trudy Vsesoyuz. nauch.-issled. in-ta zhivotnovodstva, t. XVII, 1949, S. 118-39.

So. Ictopis' Zhurnal'nykh Statey, Vol. 34, Moskva, 1949

1. SINESHCHEKOV, A. D.
2. USSR (600)
4. Digestion
7. Results of studying the physiology of digestion in farm animals on the basis of Academician I. P. Pavlov's theory and methodology. Trudy VIZh, 20, 1952.

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

SINESHCHEKOV, Aleksey Davidovich, professor, doktor biologicheskikh nauk;
SYCHIK, I.G., redaktor, ~~LOVA~~ LOVA, M.M., tekhnicheskii redaktor;
BALLOD, A.I., tekhnicheskii redaktor

[Physiology of nutrition and the daily system for farm animals]
Fiziologiya pitaniia i rezhim dnia sel'skokhoziaistvennykh zhivotnykh.
Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 142 p. (MLRA 10:5)
(Cattle--Feeding and feeding stuffs)
(Veterinary physiology)

SINESHCHEKOV, A.D., prof., doktor biol. nauk.

Physiological principles underlying efficient utilization of farm
animals. Zhivotnovodstvo 20 no.6:5-10 Ja '58. (MIRA 11:6)
(Veterinary physiology)

SINESHCHIKOV, A.D., prof., red.; PRUSAKOV, A., tekhn. red.

[Physiology of farm animals; collection of works on the physiological principles of feeding, keeping, and using farm animals] Fiziologiya sel'skokhoziaistvennykh zhivotnykh; sbornik rabot po fiziologicheskim osnovam kormleniya, soderzhaniiya i ispol'zovaniya sel'skokhoziaistvennykh zhivotnykh. Pod red. A.D.Sineshchekova. Moskva, 1962. 373 p.

(MIRA 15:10)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut zhivotnovodstva.

(Veterinary physiology)

SINESHCHEKOV, Aleksey Davydovich, prof.; BAIKIN, V.M., red.

[Biology of the feeding of farm animals; biological principles of the efficient use of feeds] biologiya pitaniia sel'skokhoziaistvennykh zhivotnykh; biologicheskie osnovy ratsional'nogo ispol'zovaniia kormov. Moskva, Kolos, 1965. 398 p. (MIRA 18:7)

ACQ NR: AP6018144

SOURCE CODE: UR/0020/65/162/005/1184/1187

AUTHOR: Litvin, F. F.; Gulyayev, B. A.; Sineshchekov, V. A.

ORG: Moscow State University Im. M. V. Lomonosov (Moskovskiy gosudarstvennyy universitet)

TITLE: Aggregated forms of chlorophyll² A, chlorophyll B, and beta-carotene in monolayers and films; migration of energy between them and in the 'chlorophyll A + beta-carotene' complex

SOURCE: AN SSSR. Doklady, v. 162, no. 5, 1965, 1184-1187

TOPIC TAGS: chlorophyll, absorption spectrum, pigment, plant chemistry

ABSTRACT: The absorption spectra of monolayers and thin films of predominantly trans-forms of carotene differ from the spectra of the pigment in the initial solution by a shift in the long-wave direction and predominance of the longest wave maximum, 520 millimicrons. When the films are stored, a new form appears, with an even more substantial "red shift" to 536-540 millimicrons. This shift is explained by strong interaction of the chromophores and the appearance of aggregates (polymers and microcrystals of the pigment). In mixed films of chlorophyll and beta-carotene, an additive spectrum was obtained only at a high relative concentration of carotene ($C_{\text{chlorophyll}}/C_{\text{carotene}} \leq 0.6$), indicating a mutual influence of the pigments on the conditions of their aggregation. The migration of energy between beta-carotene and chlorophyll A was investigated according to the spectra of excitation of

Card 1/2

L 39870-60

ACC NR: AP6018144

the luminescence of chlorophyll in mixed films. Sensitization of the luminescence of chlorophyll by carotene, with a maximum coinciding with the absorption maximum of the K500 form of carotene, was detected. Aggregated forms of chlorophyll B were detected in an investigation of monolayers and films of this pigment. The authors note that certain maxima ascribed to chlorophyll A in vivo might belong to aggregated forms of chlorophyll B. Mixed films of chlorophylls A and B are more homogeneous than films of pure chlorophyll B. A mechanism of effective energy migration from the short-wave to the long-wave forms of chlorophyll A operates in monolayers and films. The nature of the various forms of the pigments is discussed; the different types of aggregation of the chromophores, observed in monolayers, have also been obtained in solutions of the pigments. Although the structure of the monolayer does not exclusively determine the forms of the chromophores, the conditions existing in the monolayer are extremely important in the formation of certain forms and the appearance of a close steric and energy interaction among them. This paper was presented by Academician V. N. Shaposhnikov on 27 June 1964. Orig. art. has: 4 figures and 1 table. [JPRS]

SUB CODE: 06 / SUBM DATE: 27Jun64 / ORIG REF: 007 / OTH REF: 004

Card 2/2 *LS*

LITVIN, F.F.; GULYAYEV, B.A.; SINESHCHEKOV, V.A.

Aggregated forms of chlorophyll-a, chlorophyll-b, and β -carotene in monolayers and membranes; migration of energy between them and within the complex (chlorophyll-a + β -carotene). Dokl. AN SSSR 162 no.5:1184-1187 Je '65. (MIRA 18:7)

1. Moskovskiy gosudarstvennyy universitet. Submitted June 27, 1964.

ACCESSION NR: AP4012096

S/0020/64/154/002/0460/0462

AUTHORS: Litvin, F. F.; Sineshchekov, V. A.; Krasnovskiy, A. A.
(Corresponding member)

TITLE: On long-wave forms of chlorophyll in photosynthesizing organisms and aggregate structures

SOURCE: AN SSSR. Doklady*, v. 154, no. 2, 1964, 460-462

TOPIC TAGS: long wave spectrum, chlorophyll spectrum, photosynthesis, photosynthesizing organisms, aggregate chlorophyll structure, chlorophyll structure, low temperature spectroscopy, luminescence spectroscopy

ABSTRACT: In the search for a model system closely approximating in vivo conditions for studying spectrum-luminescent properties of natural forms of chlorophyll at -196C, chlorophyll films containing a certain quantity of solvent (ether) were used, i.e. a system ranging from concentrated solution to crystalline pigment layer. Spectrophotometric determinations were conducted on these as well as on chlorophyll-adsorbed chromatographic paper. Five maxima were

Card 1/2

ACCESSION NR: AP4012096

found between 680 and 825 m μ , the first value corresponding to films saturated with solvent, the last to compact films. Short-wave intensity yielded in the same order to long-wave intensity. Comparison with maxima obtained earlier under these conditions from chlorophyll in photosynthesizing organisms showed closely approximating values. These maxima may correspond to various aggregate chlorophyll forms. The possible composition of these forms is discussed (702-705 m μ may correspond to the "oriented chlorophyll"). Orig. art. has: 3 Figures and 1 Table.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University); Institut biokhimiya im. A. N. Bakha Akademii nauk SSSR (Institute of Biochemistry, Academy of Sciences, SSSR)

SUBMITTED: 06Sep63

DATE ACQ: 14Feb64

ENCL: 00

SUB CODE: CH

NR REF SOV: 005

OTHER: 006

Card 2/2

LITVIN, P.F.; SINISHCHEROV, V.A.

Device for spectrometry of fluorescence induced by monochromatic excitation in the visible and near-infrared regions. Biofizika 8 no.4:516-518 1963. (MIRA 17:10)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo universiteta imeni Lomonosova.

SINEV, A., ~~prepodavatel~~ spetsial'noy tekhnologii

Model of an electric resistance transducer. Prof.-tekh.obr.
18 no.11:23 N '61. (MIRA 14:11)

1. Remeslennoye ~~uchilishche~~ No.10, g. Murom.
(Transducers)

SINEV, A.K., kand.sel'skokhoz.nauk

Biological and agricultural evaluation of wheat and barley seeds
obtained from plants of various productivity. Izv. ~~TSMA~~ no.1:60-75 '61.
(MIRA 14:3)

(Wheat)

(Barley)

0118, 2.6., 1971. sel'skookhoznyy razvitiykh nuzh

Green fallows as the most important possibility for increasing
agricultural productivity. Izv. Vuzov no. 347-48 1971.

(1971: 119)

1. Opytaya stantsiya polezovstva Moskovskoy sel'skookhozyaystvennykh
akademii imeni Timiryazeva.

VAGATSOV, R.D.; SINEV, A.V.; PROLOV, K.V. (Moscow):

"The transverse bending of multilayered beams with viscous friction between the layers".

report presented at the 2nd All-Union Congress on Theoretical and Applied Mechanics, Moscow, 29 January - 5 February 1964.

SINAY, A. V.

SINAY, A. V. (Professor, Doctor of Veterinary Sciences). Examination of stomach contents of horses in mechanical impenetrability of intestines.

So: Veterinariya; 22; (10-11); October/November 1966; Incl.
TABCON

SINEV, A. V., Prof., Dr. of Vet. Sci.
Leningrad Vet. Inst.

"Observations of postvaccinal encephalitis in horses."
SO: Vet. 24 (2) 1947, p. 23

SENEV, A. V.

SENEV, A. V. (Professor, Doctor of Veterinary Science). Clinical diagnosis.

So: Veterinariya: 24; 12; December 1947; Incl.

TABCOON

CHERN, A. V.

"Penicillin in veterinary medicine." Moscow, Agricultural Publishing House, 1949. 508 pages, price 2 rubles, 65 kopeks, 15,000 copies.
SO: Veterinariya: 36(3). March 1949

SINEV, A. V.

Sinev, A. V. - "New therapeutic preparations in the struggle against sheep mange",
Sbornik nauch. rabot (Vsesoyuz. nauch.-issled. in-t ovtsevodstva i kozovodstva),
Issue 16, 1948, p. 225-42. (All-Union Sci. Research Inst. of Sheep & Goat Breeding)

So: U-3042, 11 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 7, 1949).

... ..
... ..
... .. "The certain peculiarities of the normal development of winter
spiked crops in connection with the quality of the seed stock," Izvestiya Vsesoyuznogo
nauch. in. Sibirskanaya), Issue 6, 1940, p. 29-34.

... : 1-1240, 10, Dec. 62, (Izvestiya Vsesoyuznogo Nauchnogo Tsentra, No. 25, 1949).

SINEV, A. V.

23540. ← ZhIDKAYa SERA → V TERAPII chESOTKI OVETS. SECRNIK NAUCH.
TRUDOV (LENINGR. VET. IN-T), VYP. 10, 1949, c. 41-47.

SO: LETOPIS' NO. 31, 1949

SINEV A. V. (Prof.) and CHERNYAK, V. Z. (Prof.), SHAKALOV K. I. (Prof.),
YANNUSKIN L. V. (Prof.), GOLOSHTAPOVA U. N., BOCHAROV I. A. (Prof.)

Veterinary's Guide

Moscow, 1953

USSR/General Problems of Pathology - Tumors

004

Abs Jour : Ref Zhur - Biol., No 7, 1958, No 32612

Author : Sinov A.V., Dobin M.A., Yushkhovskiy M.A.

Inst : Not Given

Title : On the Problem of Leukemia in Agricultural Animals.

Orig Pub : Sb. robot Leningr. vot. in-t, 1957, vyp. 16, 4-9

Abstract : No abstract

Card : 1/1

ZAYTSEV, Vladimir Ivanovich, prof.; ~~SINEV, A.V.~~ prof.; IONOV, P.S., prof.;
VASIL'YEV, A.V., prof.; SHARABRIN, I.G., prof.; SOLOVEY, A.S., red.;
BALLOD, A.I., tekhn.red.

[Clinical diagnosis of internal diseases of domestic animals]
Klinicheskaja diagnostika vnutrennikh boleznei domashnikh shivotnykh.
Pod red. V.I.Zaitseva. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1958.
375 p. (MIRA 12:3)

(Veterinary medicine--Diagnosis)

PROTASOV, A.I., dotsent; SINEV, A.V., prof.; SMIRNOV, A.M., dotsent;
BAZHEMOV, A.N., dotsent; VIL'NER, A.M., prof.; BASHMURIN, A.F.,
dotsent; SHAKALOV, K.I., prof.; VELLER, A.A., prof.; NIKANOROV,
V.A., prof.; FEDOTOV, V.P., dotsent; KUZNETSOV, G.S., prof.;
BOCHAROV, I.A., prof.; SHCHERBATYKH, P.Ya., prof.; TSION, R.A.,
prof.; GRIBANOVSKAYA, Ye.Ya., dotsent; ADAMANIS, V.P., assistant;
KOLABSKIY, N.A., dotsent; MITSKEVICH, V.Yu., dotsent; GUSEVA, N.V.,
dotsent; MYSHKIN, P.P., dotsent; GUBAREVICH, Ya.G., prof.;
FEDOTOV, B.N., prof.; DOBIN, M.A., dotsent; SIROTKIN, V.A., prof.
[deceased]; KUZ'MIN, V.V., prof.; YEVDOKIMOV, P.D., prof.; POLYAKOV,
A.A., prof.; POLYAKOV, P.Ya., red.; BARANOVA, L.G., tekhn.red.

[Concise handbook for the veterinarian] Kratkii spravochnik veteri-
narnogo vracha. Leningrad, Gos.izd-vo sel'khoz.lit-ry, 1960. 624 p.
(MIRA 13:12)

(Veterinary medicine)

KUZHNETSOV, G.S., prof., otv. red.; BOCHAROV, I.A., prof., red.; VOKKEK,
G.G., prof., red.; TSION, R.A., prof., red.; DNITROCHENKO, A.P.,
prof., red.; SINEV, A.V., prof., red.; FEDOTOV, B.H., prof.,
red.; CHERNYAK, V.Z., prof., red. Primali uchastiye:
NIKOL'SKIY, S.N., prof., red.; KHEYSIN, Ye.M., prof., red.;
GUSEV, V.F., dots., red.; KOLABSKIY, N.A., dots., red.

[Papers presented at the Conference on Protozoological Problems
Dedicated to the 90th Anniversary of the Birth of Professor V.L.
IAkimov] Sbornik rabot Nauchnoi konferentsii po protozoologicheskim
problemam, posviashchennaia 90-letiiu so dnia rozhdeniia professora
V.L.IAkimova. Leningrad, 1961. 292 p. (MIRA 15:6)

1. Nauchnaya konferentsiya po protozoologicheskim problemam, pos-
vyashchennaya 90-letiyu so dnya rozhdeniya professora V.L. Yakimova.
2. Stavropol'skiy sel'skokhozyaystvennyy institut (for Nikol'skiy).
3. Institut tsitologii Akademii nauk SSSR (for Kheysin). 4. Lenin-
gradskiy veterinarnyy institu (for Kolabskiy).
(Protozoology--Congresses)

ZAYTSEV, V.I., prof.; SINEV, A.V., prof.; IONOV, I.S., prof.;
VASIL'YEV, A.V., prof.; SHARABRIN, I.G., prof.;
ZELEPUKIN, V.S., red.

[Clinical diagnosis of internal diseases in farm animals]
Klinicheskaya diagnostika vnutrennikh boleznei sel'sko-
khoziaistvennykh zhivotnykh. 2. perer. i dop. izd. Moskva,
Kolos, 1964. 350 p. (MIRA 17:11)

ПРОКОПИЙВ, П.Н., доктор техн. наук, проф.; ПИИ, С.В., канд.

Geometry of a reversible axial-piston gearless hydraulic
machine. Izv. vys. shch. zav.; mashinost. no.11:14.-145
1971. (MIRA 1":10)

1. Goskovskoye vysshaye tekhnicheskoye uchilishche imeni Bauman.

PROKOP'YEV, V.N., doktor tekhn. nauk, prof.; SINEV, A.V., inzh.

Kinematic connections in cardanless axial-flow piston trans-
missions. Vest. mashinostr. 44 no.11:14-18 N '64

(MIRA 18:2)

08/23/2000 P(j)/I/ENP(k) IJP(c) W/EM/CD/RM
 ACC NR: AT6010822 EMT(d)/EMT(m)/ENP(w)/ENP(v) NR/0000/65/000/000/0119/0158
 SOURCE CODE: 49
 45
 1
 CIA-RDP86-00513R001550730007-3

AUTHORS: Vaganov, R. D.; Sinev, A. V.; Frolov, K. V.

ORG: none

TITLE: Certain characteristics of transverse shear of multilayered beams, the layers of which are joined by a deformable glue

SOURCE: Moscow. Institut mashinovedeniya. Kolebaniya i prochnost' pri peremannykh napryazheniyakh (Vibrations and stability under variable stresses). Moscow, Izd-vo Nauka, 1965, 149-158

TOPIC TAGS: material behavior, composite beam, sandwich structure, shear strength, adhesion layer, material strength

ABSTRACT: A study is made of certain features of the transverse shear of composite beams. The work was conducted in the Laboratory of Dynamic Strength of the State Scientific Research Institute of Machine Behavior (Gosudarstvenny nauchno-issledovatel'skiy institut mashinovedeniya). It is hypothesized that, up to a particular value of tangential stresses τ_0 (see Fig. 1) in the plane of adhesion, the glue rigidly bonds the layers. From the moment that the stress τ_0 is reached, plastic flow of the adhesive and slip between layers 1 and 2 (see Fig. 2) commence. This statement of the problem presupposes that the glue corresponds to a model of a plastic body" (L. M. Kachanov, Osnovy teorii plastichnosti. M. GITTL, 1956),

where F =

L 37637-66
 ACC NR: AT6010622

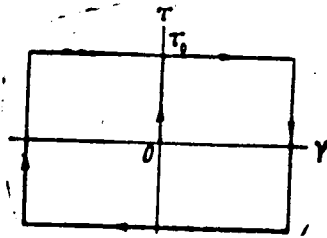


Fig. 1. Assumed dependence of tangential stress τ .

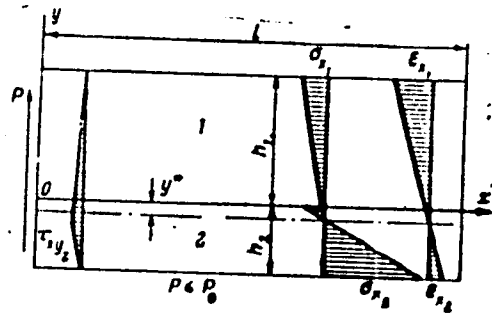


Fig. 2. Diagram of transverse shear of an infinitely wide two-layered plate.

plate distortion as a solid body. Several conditions of stress and deformation are developed in demonstration of the system solution. A description of an experimental method is given, and plots of longitudinal deformations of composite beams are shown. The authors thank mechanics V. I. Tereshchenko and B. N. Kashkov and laboratory technician N. O. Al'perova, who took part in the work, and N. P. Kandel', who directed the fabrication of the special double-layered samples. Orig. art. has: 27 equations and 7 figures.

SUB CODE: 13/

SUBM DATE: 05Aug65/

ORIG REF: 007/ OTH REF: 002

Card 3/3 - 20

L 32647-66 EWT(m)/EWP(w)/EWP(v)/T/EWP(t)/ETI/EWP(K) RM/SD/GD
ACC NR: AT6010823 SOURCE CODE: UR/0000/65/000/000/0159/0169

AUTHORS: Vaganov, R. D.; Sinev, A. V.

34
30
p+1

ORG: none

TITLE: Distribution of stresses in multilayered beams and their several dynamic and fatigue properties (26

SOURCE: Moscow. Institut mashinovedeniya. Kolebaniya i prochnost' pri peremennykh napryazheniyakh (Vibrations and stability under variable stresses). Moscow, Izd-vo Nauka, 1965, 159-169

TOPIC TAGS: stress distribution, material testing, fatigue property, dynamic property, composite beam, sandwich structure, structural mechanics, structural member

ABSTRACT: Triple-layered beams are studied for the purpose of analyzing stress distribution characteristics and dynamic and fatigue properties. The middle layer of the composite beams investigated consisted of high-strength plastic; the outer layers were of sheets of steel having a thickness of 0.5 mm or less. The modulus of elasticity of the plastic in axial longitudinal tension is several times lower than the modulus of elasticity of the steel. A detailed model is developed of the stress distribution in, and the deformation characteristics of, the three-layered beam. Plots are made of several test measurements: the variation of moments and normal stresses with load for varying beam dimensions; variation of natural frequency with

Card 1/2

L 32647-66

ACC NR: AT6010823

2

beam size and with loading on cantilever specimens; and fatigue properties. Computations and experimental work indicate that the natural frequency for given conditions of layer thickness can be higher than that of either plastic or steel of like dimensions. Test results showed that cracks always appear in the steel sheet as it is the most heavily loaded element. It is noted that there seems to be a possibility of measuring the strength of three-layered elements by the strength of the surface layer on the basis of the general fatigue curve $\sigma = f(N)$ (number of load cycles) with subsequent computation of moments which vary with the beam dimensions. The authors thank P. V. Malyutin and I. V. Sobolev for raising the considered problems and for help in the experimental work. Orig. art. has: 35 equations and 8 figures.

SUB CODE: 11, 13/

SUBM DATE: 05Aug65/

ORIG REF: 011/

OTH REF: 001

Card 2/2 *BLG*

PROKOF'YEV, V.N., doktor tekhn. nauk, prof.; BOBRASHOVA, G.F., inzh.;
SINEV, A.V., inzh.

Kinematics of cardanless axial-flow piston-type hydraulic
machines. Izv. vys. ucheb. zav.; mashinostr. no.4:84-90
'65. (MIRA 18:5)

1. Moskovskoye vysshaye tekhnicheskoye uchilishche imeni
Baumana.

TIMAN, A.; SINEV, D., starshiy inzh. po ratsionalizatsii i novoy
tekhnike

New drilling rig. Neftianik 7 no.1:16 Ja. '62.
(MIRA 15:2)

1. Glavnyy inzh. Sterlitamakskoy geologopiskovoy kontory (for
Timan).
(Oil well drilling rigs)

2

SINEV, F.; LEBEDEV, K.

Exhibition of inventions. Nauka i pered. op. v sel'khoz. 8 no.5:
61-64 My '58. (MIRA 11:5)

1. Nachal'nik otdela po izobretatel'stvu Ministerstva sel'skogo
khozyaystva SSSR (for Sinev). 2. Zamestitel' predsedatelya Soveta
izobretateley sel'skogo i lesnogo khozyaystva (for Lebedev).
(Moscow--Agricultural machinery--Exhibitions)

SINEV, I., inzhener.

Pest control in flour mills. Muk.-elev.prom. 20 no.5:17-18 My '54.
(MLRA 7:7)

1. Leningradskiy mel'nichnyy kombinat im. S.M.Kirova.
(Flour mills) (Pests--Extermination) (DDT (Insecticide))

SINEV, I., inzh.

Determining the gluten coefficient in different grades of flour.
Muk.-elev. prom. 24 no.1:17-19 Ja '58. (MIRA 11:2)

1. Leningradskiy mel'nichnyy kombinat im. S.M. Kirova.
(Flour--Analysis) (Gluten)

SINEV, I.A.; TSVET, A.I.

Optimum composition of products for the charge-resistance smelting of
copper-nickel ores. TSvet. met. 37 no.2:22-27 S '64. (MIRA 18:7)

YELISEYEV, E.N.; RUDENKO, L.Ye.; SINEV, L.A.; KOSHURNIKOV, B.L.; SOLOVOV, N.I.

Polymorphism of copper sulfides in the $Cu_2S-Cu_{1,3}S$. Min. sbor. 18
no.4:385-400 '64. (MIRA 18:7)

1. Gosudarstvennyy universitet imeni Ivana Franko, L'vov, laboratoriya
pirometallurgii medi Gorno-metallurgicheskogo kombinata imeni Zavenyagina,
Noril'sk i tsekh zavodskikh laboratoriy kombinata "Severonikel", Monchegorsk.

WILSON, R. ... MILITARY, V. M.

"Trends of atomic power development."

report submitted for 3rd Intl Conf, Peaceful Uses of Atomic Energy, Geneva,
31 Aug-7 Sep 64.

SHS,

The ways of nuclear power development in the Soviet Union.
Modern energy 10 no.12:427-434 D 1974.

L 12065-65 ENT(m)/EPF(n)-2/T/EPA(bb)-2 Pu-4 AFWL/SSD/ESD(s1)---DM
ACCESSION NR: AP4047411 S/0089/64/017/004/0243/0251

AUTHORS: Sinev, N. M.; Baturov, B. B.; Shmelev, V. M. B

TITLE: Paths of development of nuclear power in SSSR

SOURCE: Atomnaya energiya, v. 17, no. 4, 1964, 243-251

TOPIC TAGS: nuclear power reactor, nuclear power system, breeder reactor/

ABSTRACT: The article describes the progress now under way in the SSSR towards the design of atomic power stations capable of competing efficiently with electricity from fossil fuel or hydroelectric stations. The plan is to install several million kW (all kW ratings are electric) of atomic capacity before 1970 by way of prototype pilot plants, and go over to regular commercial construction in 1970-1980 with ultimate capacity of several (doz.) million kW. Stations are presently under construction in Beloyarsk (one 100 kW unit

Cord 1/3

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ACCESSION NR: AP4047411

undergoing tests, another 200 MW planned), Novo-Voronezh (210 MW about to be started), (365 MW to be added), and Siberia (600 MW in operation). Research is being done on increasing the average nuclear fuel burnup to 15,000--20,000 MW-day/ton, with tests on the first station and its 5000 kW fast-neutron unit pointing to feasibility of 60,000 MW-day/ton, which is competitive with conventional power. A 50--75 MW boiling-water-reactor unit will be started soon in Melekess. Experimental mobile generating units are also in operation (1.5 MW water-cooled and water-moderated reactor in Obinsk, 750 kW organic-organic reactor "Arbus" in Melekess). A fast-neutron reactor BN-350 is being designed for 300-350 MW, with an initial conversion ratio 1.1, rising to 1.5 when breeder operation is reached. The rating is expected to rise to 500--600 MW when better heat transfer conditions are effected. The feasibility of 1000 MW units is discussed. Some of the progress and difficulties in the design of breeder-converter reactors are reported, and the natural-uranium heavy-water-moderated carbon-dioxide-cooled unit now under

Card 2/3

L 12065-65

ACCESSION NR: AP4047411

development in Czechoslovakia is adjudged among the most effective. The economics of various designs are discussed. It is concluded that the most correct trend in the future development of nuclear power would be to use for the most part fast-neutron reactors operating first in the converter mode and going over gradually into the breeder mode. Orig. art. has: 2 figures and 5 tables.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: NP

NR REF SOV: 001

OTHER: 009

Card 3/3

SINHA, N.M., doktor tekhn. nauk

Novaya Vozrozhdeniye Atomic Power Plant in operation. Atom. energ.
17 no.5:1326a-336b N 164. (MIRA 17:12)

1. Vsesoyuznyy nauchno-issledovatskiy tsentr gosudarstvennogo komiteta po
ispol'zovaniyu atomnoy energii SSSR.

L 24211-65 EWT(m)/EPP(o)/EPP(n)-2/EPR Pr-l/Ps-l/Ps-l DH

ACCESSION NR: AP5001266

S/0089/64/017/006/0448/0452

AUTHOR: Sinev, N. M.; Krasin, A. K.; Bychkov, I. F.; Blokhin, O. I.; Broder, D. L.; Gabrusev, V. N.; Dudnikov, Yu. V.; Zhil'tsov, V. A.; Koptev, M. A.; Kotov, A. P.; Lantsov, M. N.; Lisochkin, G. A.; Merzlikin, G. A.; Morozov, I. G.; Komarov, A. Ya. (deceased); Orskhov, Yu. I.; Sergeyev, Yu. A.; Slyusarev, P. N.; Ushakov, G. N.; Fedorov, N. V.; Chernyy, V. Ya.; Shmelev, V. M. 42 B

TITLE: Small-size atomic electric power installation TES-3

SOURCE: Atomnaya energiya, v. 17, no. 6, 1964, 448-452 19

TOPIC TAGS: small atomic power installation, portable atomic power installation, nuclear reactor, electric power generation/tes-3 reactor

ABSTRACT: The paper is a summary of the SSSR report #310 at the Third International Conference on Peaceful Uses of Atomic Energy in Geneva, 1964. It describes a movable small-size atomic electric power installation with the water cooled and moderated TES-3 reactor (under 10,000 kw). It consists of four

Card 1/2

L 24211-65

ACCESSION NR: AP5001266

blocks each of which was assembled at the manufacturing plant, and which are placed on four self-propelled flatcars on caterpillar tracks. No housing is required for the installation; the only local preparation needed is the radiation protection. The results with a demonstration model show a satisfactory agreement between the theoretically expected and actually obtained parameters of the installation. Orig. art. has: 4 figures

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: NP

NR REF SOV: 000

OTHER: 000

Card 2/2

L 58482-65

ACCESSION NR: AP5015519

UR/0286/65/000/008/0056/0056
681.121.144

AUTHOR: Bogdanov, V. I.; Kostyuk, I. Z.; Sinev, N. M.

2
B

TITLE: Liquid batcher. Class 42, No. 170179

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 8, 1965, 56

TOPIC TAGS: dosimeter, liquid batcher, plug valve, liquid level control

ABSTRACT: This Author's Certificate introduces: 1. A liquid batcher which consists of an airtight delivery vessel, a plug valve, a cylinder and a piston. During operation the piston is alternately connected with radial channels in the valve housing through a radial channel in the plug. The device is designed for delivering batches of liquid to an airtight vessel where the pressure is higher than in the delivery vessel. The cylinder is cut in the valve plug and the piston has a pin which extends beyond the body of the plug. A guide channel cut into the plug stem moves this pin along the vertical when the plug is rotated. 2. A modification of this batcher which has a vertical groove cut in the interior surface of the valve body as a guide for the pin. This keeps the piston from turning about its

Card 1/3

L 58482-65

ACCESSION NR: AP5015519

own axis when the plug is rotated.

ASSOCIATION: Leningradskiy Kirovskiy zavod KB-5 (Leningrad Kirov Factory KB-5)

SUBMITTED: 08Jun63

ENCL: 01

SUB CODE: 1E

NO REF SOV: 000

OTHER: 000

Card 2/3

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ACCESSION NR: AP5015519

ENCLOSURE: 01

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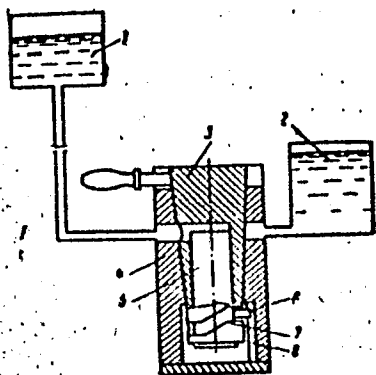


Fig. 1. 1--airtight vessel; 2--airtight delivery vessel; 3--plug; 4--valve housing; 5--piston; 6--pin; 7--guide slot on the plug stem; 8--vertical slot in the valve housing

Card 3/3

L 42117-65 EPF(n)-2/EWT(m)/EPA(bb)-2/T Pu-4 DM
ACCESSION NR: AP5005807

S/0089/65/018/002/0157/0171

AUTHOR: Baturov, B. B.; Sinev, N. M.

23
B

TITLE: Prospects in the development and economics of nuclear energy

SOURCE: Atomnaya energiya, v. 18, no. 2, 1965, 157-171

TOPIC TAGS: nuclear power, reactor design, reactor economics

ABSTRACT: This is a review of the papers delivered at the 1964 Geneva Conference dealing with the economics of nuclear power generation, and especially with the ability of nuclear power to compete with conventional power. The report covers countries other than the Soviet Union. The development and prospective growth of nuclear power, projected approximately to 1980, are outlined separately for the USA, Canada, England, France, and Italy. Other countries are mentioned in a summary section. A table of the major atomic stations now in operation and projected in these countries is presented. It is stated in the conclusions that the probable future trend in reactor design will favor fast reactor-converters in the Soviet Union and FWR and BWR types in the USA. Other conclusions point to the in-

Card 1/2

L 42117-65
ACCESSION NR: AP5005807

creased use of breeder reactors, an increase in the size of individual units, an increase in the burnup rate, and other progress in reactor design. Orig. art. has: 13 tables.

ASSOCIATION: None

SUBMITTED: 00

NR REF SOV: 000

ENCL: 00

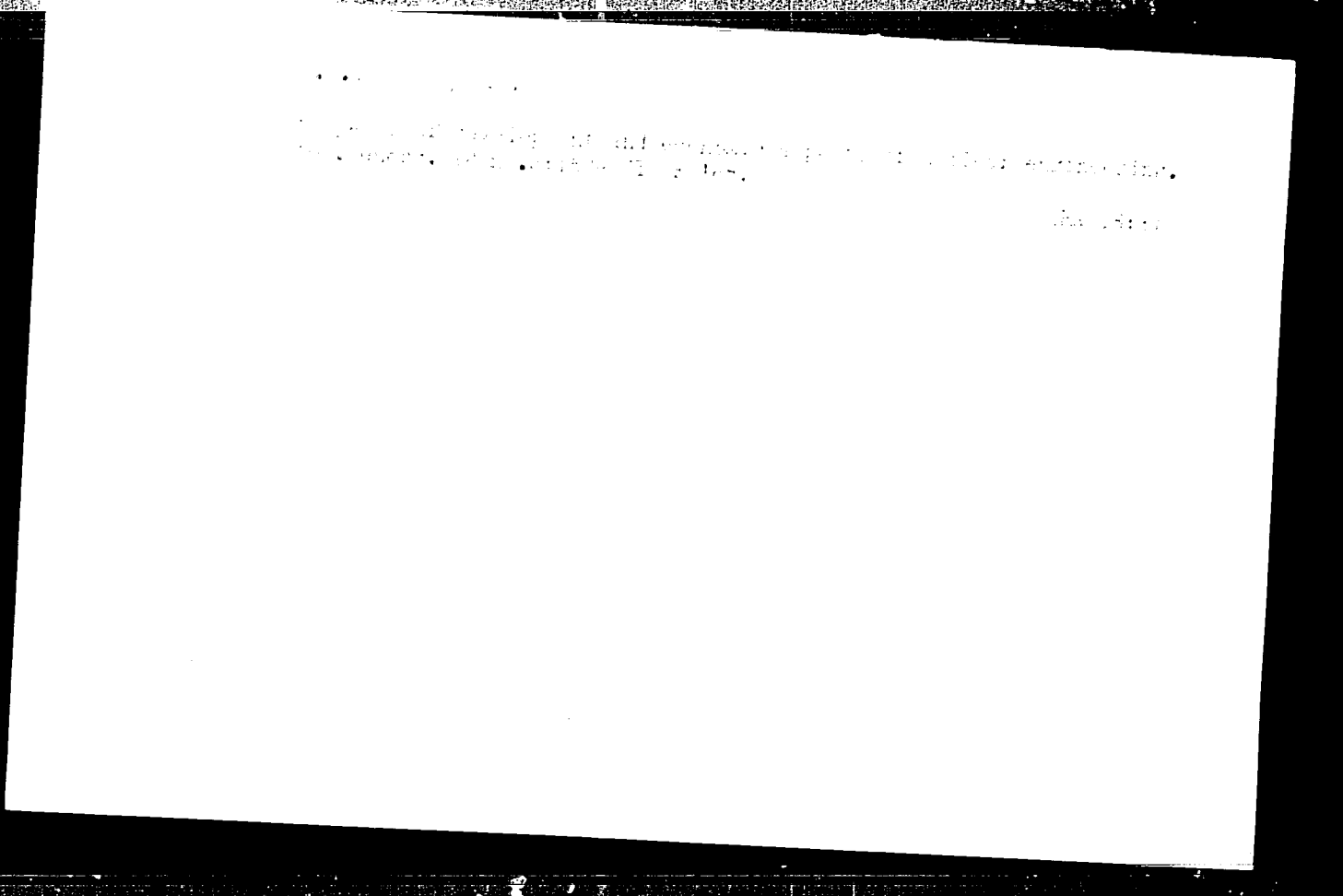
OTHER: 014

SUB CODE: NP

Card 2/2 CC

SINAI, S.M. (Moskva); KOVALEV, I.D. (Moskva)

Atomic electric power plant TES-3. Priroda 54 no.2:114-117 P 165.
(MIRA 18:10)



PLESHAKOV, V.D.; MATSNEV, A.I.; SINEV, O.P.

Testing of clarifiers with suspended precipitate in the purification
of waste waters from viscose manufacture. Trudy NPI 157:39-45 '64.
(MIRA 19:1)

PIEZHAROV, V.D.; SINEV, O.P.; SEMENOVA, V.S.; LUPANOVA, L.F.

Settling of the waste waters from viscose manufacture under
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PA 19T94

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5176, 17

85-9-7/33

AUTHOR: Sinev V., Deputy Chief Arbiter of Competitions

TITLE: Champions of the Vladimirskaya Oblast' (Chempiony Oblasti)

PERIODICAL: Kryl'ya Rodiny, 1957, Nr 9, p. 5 (USSR)

ABSTRACT: A report on the competitions in aircraft model building held at an unspecified date between the sportsmen of the Vladimirskaya Oblast' (RSFSR). The winning team and individual sportsmen are named. The performance of the sportsmen of the cities of Kovrov and Vyazniki is said to have been below their possibilities.

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1. Iz kliniki (zav. - doktor meditsinskikh nauk S.F.Godunov)
Leningradskogo nauchno-issledovatel'skogo instituta proteziro-
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doksent M.V.Strukov). Adres avtora: Leningrad, pr.K.Marksa,
d.9, Institut protezirovaniya.

(AMPUTATIONS OF LEG)