APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

GRINBERG , L.D.

GRINBERG, L.D.

Serological study of standard cultures of Flexner's bacilli taken from museum collections. Zhur. mikrobiol. epid. i immun. no.6: 67 Je '54. (MLRA 7:7)

1. Iz Leningradskogo instituta epidemiologii i mikrobiologii im. Pastera.
(SHIGELLA PARADYSENTERIAE)

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GRINBERG, L.D., sekretar'.

At the Vinnitsy Section. Apt.delo no.4:59 Jl-Ag '53. (MLRA 6:8)

1. Vinnitskoye otdeleniye Nauchno-farmatsevticheskogo obshchestva.
(Vinnitsy--Pharmacy) (Pharmacy--Vinnitsy)

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MELNIKOV, L. D.

"Serological Characteristics of the Flexner Dysentery Bacilli." Cand Biol Sci, Leningrad Sci-Res Inst of Epidemiology, Microbiology, and Hygiene, Leningrad, 1955. (KZhBiol, No 7, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

GRINBERG, L. D., YEVDOKIMOVA, L. I

Pharmacy

Tasks of testing laboratories of the Administration of Pharmacies. Apt. delo no. 4, 1952.

Monthly List of Russian Accessions. Library of Congress. November, 1952. UNCLASSIFIED

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

GRINBERG, L. D.

Cryophile microbes. L. M. Horovitz-Vlasova and L. D. Grinberg. *Advanced Refrigerating Tech.* (U. S. S. R.) No. 1, 19 pp.(1933); *Bull. Intern. Inst. Refrigeration* 15, 245-9(1934).—Biochem. properties are included among the results of this extensive study of microorganisms capable of withstanding low temps. E. T. C.

ASM SLA METALLURGICAL LITERATURE CLASSIFICATION

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

RAZUMOV, Ippolit Mikhaylovich; GINZBURG, Yevgeniy Grigor'yevich.
Prinimali uchastiye: GLAGOLEVA, L.A., kand.tekhn.nauk, dotsent; GRINBERG, L.A., kand.tekhn.nauk, dotsent. AVRUTSKAYA, R.F., red.izd-va; ISLENT'YEVA, P.G., tekhn.red.

[Industrial organization in nonferrous metalworking plants] Organizatsiia proizvodstva na zavodakh po obrabotke tsvetnykh metallov. 2.izd., perer. Moskva, Metallurgizdat, 1962. 540 p. (MIRA 15:5)
(Nonferrous metal industries) (Metalwork)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

GRINBERG, L. A. Cand. Tech. Sci.

Dissertation: "Analysis of Production Norms and Methods for Determining the Productive Capacity of Pressing and Draining Equipment in Plants for Processing Nonferrous Metals." Moscow Inst of Nonferrous Metals and Gold imeni M. I. Kalinin, 30 Jun 47.

SO: Vechernyaya Moskva, Jun, 1947 (Project #17836)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

RUCHINSKIY, M., vrach-fiziolog; GRINBERG, L.

Therapeutic recompression. Rech. transp. 23 no.1:60 Ja '64. (MIRA 18:11)

1. Kabinet funktsional'noy diagnostiki basseynovoy bol'nitsy No.1 MOVVZO (for Ruchinskiy).

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[illegible]

[illegible]: [illegible]

[illegible]: [illegible] in the Human [illegible]

[illegible]: [illegible]

[illegible]: This is a brief abstract of a translation from the English. The article was published in [illegible] in the periodical "Scientific American". (Translator's name not given.)

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L 1619-66

ACCESSION NR: AP5017764

antiphage serum yielded a high percentage (15-20%) of ts-mutants. Preliminary classification of the ts-mutants by a complementation test divided them into 50 groups. Some groups had 4-7 mutants, others 2, and the majority one. A physiological study of the ts-mutants showed that their thermal sensitivity is related to the thermolability of the intracellular developmental stages. Differences were found in mutant inactivation kinetics when applying the one step growth cycle according to Adams at 42 C. On the basis of these differences the mutants may be divided into 4 phenotypes. The fact that these mutants were preliminarily distributed over 50 groups indicates that many genes are affected by mutations. The tests confirmed the assumption that conditionally lethal mutations may be induced from the bacteriophage T4B. Orig. art. has: 6 tables and 2 figures.

ASSOCIATION: Institut atomnoy energii im. I. V. Kurchatova (Institute of Atomic Energy)

SUBMITTED: 08Jun64 ENCL: 00 SUB CODE: LS

NR REF SOV: 002 OTHER: 006

Card 2/2 JD

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

L 1619-66

ACCESSION NR: AP5017764 UR/0216/65/000/004/0542/0549
575.24

AUTHOR: Alikhanyan, S. I.; Grinberg, K. N.; Krylov, V. N.; Maysuryan, A. N.; Oganesyan, M. G.

20
B

TITLE: Temperature-sensitive (ts) mutants of bacteriophage T4B

SOURCE: AN SSSR. Izvestiya. Seriya biologicheskaya, no. 4, 1965, 542-549

TOPIC TAGS: bacterial genetics, biochemistry, temperature characteristic

ABSTRACT: A new method of inducing temperature-sensitive bacteriophage T4B mutants with disturbed synthesis of various enzymes, particularly those required for DNA synthesis, is described. E. coli B strains were infected with bacteriophage T4B and cultivated in a broth using 2,6-diaminopurine, hydroxylamine, ultraviolet light, and 5-bromouracil as mutagenic agents. Mutants were selected from a total of 298 colonies by methods of absolute selection, minute-phenotype, and antiphage serum. In contrast to phage T4B, the mutants behave differently at 27 and 42 C. Hydroxylamine with

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GRINBERG, KH. Z.

LUK'YANOV, M.A.; GRINBERG, Kh.Z.

Manufacturing steam traps with available materials. Gidroliz. i lesokhim. prom. 9 no.8:26 '56. (MLRA 10:2)

1. Bobruyskiy gidroliznyy zavod.
(Steam traps)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

GRINBERG, I. YA.

Russia (1923- U.S.S.R.)

Standards of durability for cutting tools (for single tool finishing) Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. i sudostroit. lit-ry, 1953. 63 p. (55-17036)

TJ1185.R9 1953

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

GRINBERG, I.V.; KORZHINSKIY, A.F.; MASLYAKEVICH, Ya.P.; SHVED, N.A.

Study of the nature of new rare organic minerals in Transcarpathia. Dokl. AN SSSR 158 no.1:116-118 S-O '64 (MIRA 17:8)

1. Institut geologii goryuchikh iskopayemykh AN UkrSSR. Predstavleno akademikom A.P. Vinogradovym.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

GRINBERG, I.V.; SHVED, N.A.

Gravimetric microchromatographic analysis of bitumens for the group composition of natural oils and bitumens'. Zavod. anal. khim. 19 no.11:1385-1390 '64. (MIRA 18:2)

1. Institute of Geology and Geochemistry of Mineral Fuels, Ukrainian S.S.R. Academy of Sciences, Lvov.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

GRIDBERG, I.V.; [illegible], A.A.; [illegible]

Seminiproduction for studying the pyrolysis of solid mineral fuels. Report No.2. Zhur. anal. [illegible] [illegible]. (MIRA 17:6)

1. Institut geologii i geokhimii [illegible] AN UkrSSR. L'vov.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

GRINBERG, I. V.; PETRIKOVSKAYA, M. Ye.

"A study of the content and ratios of hydrogen (H/D) and carbon (C^{12}/C^{13}) isotopes in hydrocarbons of oil and coal series."

report submitted for 22nd Sess, Intl Geological Cong, New Delhi, 5-15 Dec 1964.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

GRINBERG, I.V.; SALAMIN, A.A.

Titrimetric semimicromethod for the determination of carbonate carbon in solid mineral fuels. Zhur.anal.khim. 18 no.10:1239-1243 O '63. (MIRA 16:12)

1. Institute of Geology and Geochemistry of Mineral Fuels, Academy of Sciences, Ukrainian S.S.R., Lvov.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

PORFIR'YEV, V.B.; GRINBERG, I.V.

Methodology of studying mother rocks. Trudy Inst. geol. pol. iskop. AN URSR 5:3-25 '62. (MIRA 16:1)
(Oil sands--Analysis)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

GRINBERG, I.V.; PETRIKOVSKAYA, M.Ye.; AREF'YEV, N.V.

Study of the chemical, genetic and isotopic relationship of gas-condensate hydrocarbons in the Carpathian region. Geol. sbor. [Lvov] no.7/8:54-65 '61. (MIRA 14:12)

1. Institut geologii poleznykh iskopayemykh AN USSR, L'vov.
(Carpathian Mountain region--Hydrocarbons)

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PORFIR'YEV, V.B. [Porfir'iev, V.B.]; GRINBERG, I.V.; PETRIKOVSKAYA, M.E. [Petrykivs'ka, M.IE.]; VARCHEVSKIY, I.S. [Varchevs'kyi, I.S.]

Studying the origin of petroleum. Pratsi Inst. geol. kor. kop. AN URSR 2:59-68 '60. (MIRA 14:)

(Petroleum geology)

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3(5) PHASE I BOOK EXPLOITATION SOV/2302

Akademiya nauk Ukrainskoy SSR. Institut geologii poleznykh iskopayemykh

Problema migratsii nefti i formirovaniya neftyanykh i gazovykh skopleniy; materialy L'vovskoy diskussii 8-12 maya 1957 g. (Problem of Oil Migration and the Formation of Oil and Gas Accumulations; Materials of the Discussion Held in L'vov, May 8-12, 1957) Moscow, Gostoptekhizdat, 1959. 422 p. 1,100 copies printed.

Eds.: V. B. Porfir'yev, Academician of the Ukrainian SSR Academy of Sciences, and I. O. Brod, Professor; Exec. Ed.: P. R. Yersnov; Tech. Ed.: A.S. Polosina; Editorial Board: I.O. Brod, Professor, N.R. Ladyzhenskiy, and V.B. Porfir'yev, Academician of the Ukrainian Academy of Sciences.

PURPOSE: This collection of articles is intended for a wide range of geologists and research workers interested in oil problems.

COVERAGE: Articles contained in this book deal with the problems of migration and accumulation of oil and gas. These problems were discussed in May 1957 at L'vov State University im. I. Franko at a meeting organized jointly by the Institute of Geology and Mineral Resources, Academy of Sciences of the USSR, the Department of Geology and Oil Exploration of the L'vov Polytechnic Institute, and the L'vov Geological Society. Theories on the origin of petroleum deposits and the conditions surrounding their occurrence are treated. There are 327 references: 232 Soviet, 86 English, 5 French, and 4 German.

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REPORTS

Andreyev, P.F. [VNIGRI, Leningrad] Migration Processes in the Subcapillary Channels of Mobile Products Formed From the Dispersed Organic Matter in Sediments 311

Uspenskiy, P.F. [VNIGRI, Leningrad] The Ways of Oil Transformation in Deposits 318

Bogomolov, A.I. [VNIGRI, Leningrad] The Problem of Oil Composition Changes Depending on the Age of the Enclosing Rocks 322

Radchenko, O.A. [Laboratoriya uglya] The Initial Stage of Oil Migration 326

Grinberg, I.V. [Institut geologii poleznykh uskopayemykh, L'vov] Problems in Genetic Relationship Between the Organic Kerogen and Natural Oil 329

Dolitskiy, B.A. [Institut nefti, Moscow] Problems of Oil Deposit Formation in the Devonian of the Russian Platform 343

Krotova, V.A. [VNIGRI, Leningrad] Hydrogeological Factors in the Formation and Destruction of the Uralo-Povolzh'ye Oil Deposits 350

Karasik, T.G. [TsNIL Ukhtinskogo neftekombinata] Conditions of Oil Occurence in the Timano-Pechorskaya Province 354

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GRINBERG, I.V.

Genetic relationship between the Carpathian bitumens and their chemical characteristics. Pratsi Inst. geol. kor.kop. AN URSR 1:37-66 '59. (MIRA 14:6)
(Carpathian Mountains--Bitumen)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

GRINBERG, I.V.; PETRIKOVSKAYA, M.Ye. [Petrikivs'ka, M.IE.]

Studying genetic variations in the hydrogen isotope composition (H/D) of minerals of organic and inorganic origin. Geol. zhur. 17 no.4:64-69 '57. (MIRA 11:4)

(Hydrogen--Isotopes)
(Mineralogy, Determinative)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

PORFIR'YEV, V.B.; GRINBERG, I.V.

Role of water in the transformation of fossil organic matter. Geol. sbor. [Lvov] no.4:242-256 '57. (MIRA 13:2)

1. Institut geologii poleznykh iskopayemykh AN USSR, L'vov.
(Water) (Organic matter)

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GRINBERG, I.V.

USSR/ Cosmochemistry. Geochemistry. Hydrochemistry D.

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 11535

Author : Gringerg I.V.
Inst : Academy of Sciences Ukrainian SSR
Title : Some Problems of the Chemism of Petroleum Formation

Orig Pub : Materialy Diskussii po probleme proiskhoxhdemiya i migratsii nefti. Kiev, AN USSR, 1956, 94-125

Abstract : See RZhKhim, 1956, 22256

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Chemical Nature of Dispersed Bitumens (Cont.) 15-57-4-5108

and bituminous substances of the petroleum series. The author believes that the difference is attributable to specific conditions accompanying the transformation of organic substance in different environments. An aqueous environment has a particularly strong effect in formation of bituminous substances.

Card 3/3

V. P. K.

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basic elements of the extraction process and the effect of various factors is discussed here. In extraction of kerogene, a unique process of "destruction" of the original organic substance occurs; bitumens are formed as a result. The relations of the hydrocarbon compounds in petroleum to kerogene are discussed in the third part. Diagnostic criteria are presented in this part. Petroleum bitumens are characterized by low molecular weight, nonassociated individual compounds and the absence of structural fragments of plant-animal substance. They contain small amounts of non-hydrocarbon constituents and have low acid and saponification numbers. In contrast, bitumens extracted from various kerogene rocks are characterized by the absence of individual hydrocarbons of low molecular weight, by a high content of hydrocarbon constituents, and the presence of structural fragments. The bitumens of the coal series have high acid, iodine, and saponification numbers. There is, therefore, a fundamental difference in chemical nature of bituminous substances of the coal type (including kerogene and "petroleum-bearing rocks")

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15-57-4-5108

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 4, p 149 (USSR)

AUTHOR: Grinberg, I. V.

TITLE: Chemical Nature of Dispersed Bitumens (O khimicheskoy prirode rasseyannykh bitumov)

PERIODICAL: V sb: Vopr. teorii proiskhozhdeniya i migratsii nefti. Kiyev, AN UkrSSR, 1956, pp 37-61

ABSTRACT: The first part of the article deals with the chemical nature and classification of bitumens. The author comments on the broad use of the term bitumen in the petroleum, coal, shale, and peat industries as well as in the geochemistry of dispersed organic substances. The term is used synonymously for natural products of petroleum and non-petroleum origin. The second part is devoted to the composition and methods of separation of the bituminous part of kerogene. The

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POFFIR'YEV, Vladimir Borisovich; GRINBERG, Iona Vol'kovich; LADYZHENSKIY, Nikolay Romanovich; GALABUTSKAYA, Yekaterina Antonovna; LINETSKIY, Viktor Filippovich, SVARICHEVSKIY, Lyudomir Vladimirovich; LAZARENKO, Ye.K., otvetstvennyy redaktor; LISENBART, D.K., redaktor izdatel'stva; RAKHLINA, N.P., tekhnicheskiy redaktor

[Menilite shale, a source for industrial building materials] Menilitovye slantsy - syr'e dlia promyshlennosti stroitel'nykh materialov. Kiev, Izd-vo Akademii nauk USSR, 1956. 37 p. (MLRA 9:7)

1. Chlen-korrespondent AN USSR (for Lazarenko)
(Shale)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

GRINBERG, I.V.; KUSHKO, G.M.

The interaction of condensed phenols, naphthols and their derivatives with various diazo components. Nauch. zap. LPI no.29:121-130 '55. (MLRA 9:10)

(Phenols) (Naphtol) (Diazo compounds)

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

GRINBERG, I. V.

Study of the chemical nature of the colored organic mineral curtisite and its associates. I. V. Grinberg and V. M. Shimanskii. Mineral. Sbornik, L'vov Geol. Obshchestva 1954, No. 8, 95-105. Mineral. Abstr. 13, 120(1956) (in Mineral. Mag. 31, No. 235).—Addnl. data is provided on curtisite (cf. Frank-Kamenetskii and Malinova, Doklady Akad. Nauk, S.S.S.R. 28, 135-6(1953)) comprising its occurrence, mineral assocn., and a detailed study of the colored varieties. These are divided into 2 main groups: (a) curtisite proper, of yellow and yellowish green color and m. 272-302°, an aromatic polynuclear compd.; (b) "curtisitoids," orange to brown in color, m. 81-96°, poorer in C and richer in O than curtisite.

K. L. C.

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PORFIR'YEV, V.B.; GRINBERG, I.V.; GALABUTSKAYA, Ye.A.; SVARICHEVSKIY, L.V.

New type of raw material for the building materials industry. Dop. AN URSR no.2:119-122 '54. (MLRA 8:4)

1. Chlen-korrespondent Akademii nauk USSR (for Porfir'yev). 2. Institut geologii korisnikh kopalin AN URSR.
(Shale) (Building materials)

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SHINBERG, I.V.

1. HRINBERG I.V. PORFIRIYV B.V., IAKUBENKO A.S., TSYBUKH V.G.

2. USSR (600)

4. Shale

7. Menilite shales as a new form of mineral fertilizer, Dop.AN UkSR no.1, 1951

9. Monthly List of Russian Accessions, Library of Congress, April 1953, unclass.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

GRINBERG, I. V. and PROFIR'YEV, V.B.

"Geological and Geochemical conditions of the formation of petroleum," Nauchn. zapiski L'vov politekhn. in-ta [Scientific Papers of the L'vov Polytechnical Institute], Series 16, No 4, 1949.

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Inductive properties of ... S/109/62/007/007/016/018
D256/D308

authors. It is also pointed out that the Q-values of selenium rectifiers are always below unity. The frequency characteristics of selenium and germanium diode rectifiers in oscillatory circuits were also investigated. The results of the experiments are compared with the theory of Avak'yants et al. (Radiotekhnika i elektronika, v. 7, no. 7, 1962, 1214-1222). Conclusions: Inductance of selenium and germanium rectifiers can reach large values, their Q-values being rather low. The latter disadvantage can be compensated for by including a negative resistivity element in series with the diode. There are 10 figures. The most important English-language reference reads as follows: M. Schuller and W. Gartner, Electronics, 1960, 33, 17, 60.

ASSOCIATION: Tashkentskiy gosudarstvennyy universitet im. V. I. Lenina, Fiziko-tekhnicheskiy institut AN UzSSR (Tashkent State University im. V. I. Lenin, Institute of Applied Physics AS UzSSR)

SUBMITTED: June 21, 1961

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900049-6

S/109/62/007/007/016/018
D256/D308

AUTHORS: Avak'yants, G. M., Grinberg, I. S., Zaugol'nikova, Ye. G. and Muryagin, V. I.

TITLE: Inductive properties of selenium rectifiers

PERIODICAL: Radiotekhnika i elektronika, v. 7, no. 7, 1962, 1223-1229

TEXT: Inductive effects were observed experimentally when a bias voltage was applied in the reverse direction across the elements. The impedance of the selenium rectifiers was measured by a bridge method for temperatures ranging from -100 to +170°C in the presence of reverse bias voltages up to 30 V. The inductive properties were described in terms of the 'negative capacitance' of the rectifier defined by: $\omega L = 1/\omega C^{-}$. The results are presented in the form of inductance and capacitance curves as functions of the bias voltage for various temperatures. The inductive properties of selenium rectifiers occur at low temperatures, though rectifiers showing negative capacitance at room temperature were pointed out by the

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the energy of the space-charge field. Changes in the potential energy are induced by applying a small alternating potential due to the changes of the ionized impurity concentration following the impact ionization. The properties of inductive diodes in oscillatory circuits are discussed. There are 2 figures.

ASSOCIATION: Tashkentskiy gosudarstvennyy universitet im. V. I. Lenina, Fiziko-tekhnicheskiy institut AN UzSSR (Tashkent State University im. V. I. Lenin, Institute of Applied Physics AS UzSSR)

SUBMITTED: August 4, 1961

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S/109/62/007/007/015/018
D256/D308

AUTHORS: Avak'yants, G. M., Grinberg, I. S. and Murygin, V. I.

TITLE: Inductance of semiconductor diodes

PERIODICAL: Radiotekhnika i elektronika, v. 7, no. 7, 1962, 1214-1222

TEXT: Following a previous investigation of the inductive properties of semiconductor diodes induced by thermal effects (G. M. Avak'yants, AN SSSR. Izvestiya. Seriya fiz.-mat. 1955, 8), a theory of the inductive properties is developed considering the influence of the relaxation processes accompanying the impact ionization of impurities in the space-charge region of the diode. The phase-shift of the current against the voltage is expressed in terms of the transfer of electrons from the valence band on to the donor levels, neglecting the effects of the recombination of the holes by the donor level electrons as well as the thermal transitions of electrons from the donor levels into the conductivity band. It is shown that the energy can be stored in the semiconductor diodes as

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L 11150-63

ACCESSION NR: AT3002984 0

difference between Se and CdSe, may vary as a result of charge variation in the deep impurity centers due to impact ionization. Orig. art. has: 8 figures.

ASSOCIATION: Akad. nauk SSSR(Academy of Sciences SSSR); Akad. nauk UzSSR(Academy of Sciences UzSSR); Tashkentskiy gosuniversitet im. V. I. Lenina (Tashkent State University)

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L 11150-63 EDS

ACCESSION NR: AT3002984 S/2927/62/000/000/0083/0086

AUTHOR: Asessorov, Yu. P.; Bakradze, O. G.; Geller, I. Kh.; Grinberg, I. S.; Mury*gin, V. I.; Nechayeva, R. Ye.; Smirnov, A. S. 45

TITLE: Effect of reverse current on forward resistance in selenium rectifiers [Report at the All-Union Conference on Semiconductor Devices, Tashkent, 2-7 October, 1961]

SOURCE: Elektronno-dy*rochny*ye perekhody* v poluprovodnikakh. Tashkent, Izd-vo AN UzSSR, 1962, 83-86

TOPIC TAGS: selenium rectifier creep, TVS selenium rectifier

ABSTRACT: Experimental studies of the "forward current-voltage characteristic creep" are described. A considerable increase in the forward voltage drop upon the passage of a reverse current is referred to as a "creep". It is very pronounced in TVS-type selenium rectifiers. The creep was measured at various temperatures within -70+138C, on a-c and pulsating current, at various reverse voltages. Forward current-voltage, forward voltage-temperature, forward voltage-time, forward voltage-reverse voltage, and forward voltage-frequency curves are presented. This explanation is offered for the creep: the diffusion potential, i. e. the contact potential

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ACCESSION NR: AT3002977

that, with the forward current increasing, the reverse current through a p-n junction increases up to a certain critical point, and then decreases; under static conditions the reverse current is smaller than under dymanic and pulsating conditions. Reverse current-voltage characteristics, reverse current vs. temperature (within -100 + 100C), and reverse current vs. forward current curves were taken experimentally for types AVS and TVS selenium rectifiers; the curves are presented in the article. "In conclusion the authors express their gratitude to O. G. Bakradze for the assistance in measurements." Orig. art. has: 3 figures and 19 formulas.

ASSOCIATION: Akad. nauk SSSR(Academy of Sciences SSSR); Akad. nauk UzSSR(Academy of Sciences UzSSR); Tashkentskiy gosuniversitet im. V. I. Lenina (Tashkent State University)

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L 11147-63 BDS
ACCESSION NR: AT3002977 S/2927/62/000/000/0040/0048

45

AUTHOR: Avak'yants, G. M.; Grinberg, I. S.; Karageorgiy-Alkalayev, P. M.

TITLE: Effect of forward currents on reverse currents in the selenium rectifiers [Report at the All-Union Conference on Semiconductor Devices, Tashkent, 2-7 October, 1961]

SOURCE: Elektronno-dy*rochny*ye perekhody* v poluprovodnikakh. Tashkent, Izd-vo AN UzSSR, 1962, 40-48

TOPIC TAGS: AVS selenium rectifier, TVS selenium rectifier, selenium rectifier reverse current

ABSTRACT: It has been known that passing a forward current through a selenium rectifier renders appreciable influence on the magnitude of the reverse current. A theoretical and experimental investigation described in the article shows that, beginning with a certain value of the reverse-voltage amplitude, the reverse current drops when the forward current is turned on. Also, the reverse current depends on the voltage to a lesser degree when the forward current is on. A differential equation is written for a "thin" diode which describes the variation of hole concentrations on the "deep" impurities. A solution of this equation shows

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ACCESSION NR: AT3002976

P-401 germanium transistors, with the base free. Silicon photocells, not illuminated, biased deep into the reverse-current region, with a 1-kc signal of 15-20 mv, exhibited inductance of a few henrys; however, the inductance was unstable in time. The effect is attributed to technological peculiarities in manufacturing the photocells. Curves representing the effect of the bias current, frequency, admittance, and bias voltage on the inductance of the above devices are given. Orig. art. has: 7 figures.

ASSOCIATION: Akad. nauk SSSR(Academy of Sciences SSSR); Akad. nauk UzSSR(Academy of Sciences UzSSR); Tashkentskiy gosuniversitet im. V. I. Lenina (Tashkent State University)

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L 11046-63 BDS

ACCESSION NR: AT3002976 S/2927/62/000/000/0037/0040 58 57

AUTHOR: Avak'yants, G. M.; Grinberg, I. S.; Zaugol'nikova, Ye. G.; Mironenko, Z. P.; Mikheyeva, Ye. P.; Mury*gin, V. I.

TITLE: Inductance of germanium and silicon diodes [Report at the All-Union Conference on Semiconductor Devices, Tashkent, 2-7 October, 1961]

SOURCE: Elektronno-dy*rochny*ye perekhody* v poluprovodnikakh. Tashkent, Izd-vo AN UzSSR, 1962, 37-40

TOPIC TAGS: D2-Ye germanium diode, D2-B germanium diode, P-401 germanium transistor, P-403 germanium transistor, germanium diode inductance, silicon photocell inductance

ABSTRACT: Results of an experimental investigation of point-contact germanium (D2-Ye and D2-B) diodes, junction-type germanium P-401 transistors, and laboratory-model silicon photocells are reported. The experimental hookup and methods were similar to those used for investigating selenium rectifiers (ibid., pp 17-29). It was found that the point-contact germanium diodes, with a negative bias in the region of drooping current-voltage characteristics, possess an inductance up to a few henrys; this inductance falls to zero when the supply frequency is increased to 10-15 kc. Inductance also was observed in the emitter-collector of P-403 and

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L 11146-63
ACCESSION NR: AT3002975

germanium diode was used as a negative resistance. Oscillograms presented in the article show that with a low bias, saw-toothed oscillations were set up; with a higher bias, the wave shape approaches the sine wave and the oscillation frequency diminishes. These indicants prove that the selenium rectifier acts as an inductance at higher bias voltages. Orig. art. has: 2 figures and 43 formulas.

ASSOCIATION: Akad. nauk SSSR(Academy of Sciences SSSR); Akad. nauk UzSSR(Academy of Sciences UzSSR); Tashkentskiy gosuniversitet im. V. I. Lenina (Tashkent State University)

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L 11146-63 EDS
ACCESSION NR: AT3002975 S/2927/62/000/000/0029/0037

45

AUTHOR: Avak'yants, G. M.; Grinberg, I. S.; Mury*gin, V. I.

TITLE: Problem of inductance of semiconductor diodes
[Report at the All-Union Conference on Semiconductor Devices, Tashkent, 2-7 October, 1961]

SOURCE: Elektronno-dy*rochny*ye perekhody* v poluprovodnikakh. Tashkent, Izd-vo AN UzSSR, 1962, 29-37

TOPIC TAGS: selenium rectifier, selenium rectifier inductance, selenium-rectifier oscillator

ABSTRACT: In another article by Avak'yants, et al. (ibid., pp 17-29), the recombination of electrons from the conduction band to the impurity acceptor levels was neglected as well as the recombination of electrons to the free donor levels in the deep donor-level scheme. In the present article a complete set of differential equations of particle balance is considered. An oscillatory circuit comprising a semiconductor diode with a considerable bias voltage, a capacitance, and a negative resistance in series is analyzed theoretically. The behavior of a selenium diode in an oscillatory circuit was also tested experimentally. A point-contact D2-E

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L 11145-63
ACCESSION NR: AT3002974

a-c signal and a d-c bias up to 30 v. "Investigation was carried out within -100 +120C temperature range." [Abstracter's note: only the data at +17, +35, +60, and +95C are reported]. It was found that at low temperatures and high bias voltages the selenium rectifiers behave as inductance. Special rectifiers prepared in the laboratory exhibited inductance at room or higher temperatures and at low bias voltages. Rectifier reactance vs. bias, inductance vs. frequency, inductance vs. admittance, and reverse current vs. frequency curves are presented. Inductance of selenium rectifiers can be made very high; however, such rectifiers have a low (not over 1) Q-factor. Orig. art. has: 9 figures and 42 formulas.

ASSOCIATION: Akad. nauk SSSR(Academy of Sciences SSSR); Akad. nauk UzSSR(Academy of Sciences UzSSR); Tashkentskiy gosuniversitet im. V. I. Lenina (Tashkent State University)

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L 11145-63 BDS

ACCESSION NR: AT3002974 S/2927/62/000/000/0017/0029 45

AUTHOR: Avak'yants, G. M.; Grinberg, I. S.; Zaugol'nikova, Ye. G.; Mury*gin, V. I.

TITLE: Inductive properties of selenium rectifiers [Report at the All-Union Conference on Semiconductor Devices, Tashkent, 2-7 October 1961]

SOURCE: Elektronno-dy*rochny*ye perekhody* v poluprovodnikakh. Tashkent, Izd-vo AN UzSSR, 1962, 17-29

TOPIC TAGS: selenium rectifier, selenium rectifier inductance

ABSTRACT: High-inductance semiconductor devices play a decisive role in development of subminiature apparatus. It was reported elsewhere that specially processed germanium diodes behave as inductance. The article offers a theoretical and experimental investigation of inductive properties of selenium rectifiers. Generation and recombination of carriers in the space charge of a hole-type-semiconductor rectifier are investigated matematically. Under the conditions of deep impurity levels and non-saturated reverse current, the semiconductor diode behaves as an inductance; deep impurities deter the carriers, and the energy is stored in the form of electric field of the space charge. The inductance of types AVS and TVS selenium rectifiers was measured, at audio frequency, on an a-c bridge with a 25-mv

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AVAK'YANTS, G.M.; GRINBERG, I.S.; KARAGEORGIY-ALKALAYEV, P.M.

Effect of direct currents on back currents in selenium rectifiers. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 6 no.3:45-55 '62. (MIRA 15:8)

1. Fiziko-tekhnicheskiy institut AN UzSSR.
(Electric current rectifiers)

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voltage characteristics show a faster increase of current j with voltage V than corresponds to the proportionality of ln j and $|V|^{1/2}$ theoretically predicted. There are 3 figures.

ASSOCIATION: Fiziko-tekhnicheskiy institut AN UzSSR (Physicotechnical Institute of the Academy of Sciences UzSSR)

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in the n-region separated from the metallic electrode by a gap of given width. It is further assumed that apart from the impurities determining the type of conductivity the p- and n-regions of this diode include deep, weakly ionized impurity levels with a high activation energy, uniformly distributed over the depth of the junction. Theoretical reverse current-voltage characteristics are calculated under these assumptions with a forward current either present or absent, whence a condition is derived which the carrier generation and recombination coefficients must fulfill in order that the sign denoting the influence of the forward current on the reverse current may be correct. In experiments on several rectifiers of AEC-(A7S-) and TEC-(TVS-) type, it is generally found that the difference Δj of the reverse currents in the dynamic and pulsed regimes is slightly negative for voltages between 5 and 15v but changes its sign to positive and becomes much larger for higher voltages. The temperature dependence of Δj was measured between -100 and +100°C. At low voltages (15v) this temperature dependence is weak but at higher voltages (35v) it is much stronger and the sign of Δj can change with temperature. A qualitative explanation of the observed effects is possible in terms of the theory as developed, though in fact the experimental reverse current-

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B163/B104

24 7700

AUTHORS: Avak'yants, G. M., Grinberg, I. S., Karageorgiy-Alkalayev, P. M.

TITLE: Influence of direct currents on reverse currents in selenium rectifiers

PERIODICAL: Akademiya nauk Uzbekskoy SSR. Izvestiya. Seriya fiziko-matematicheskikh nauk, no. 3, 1962, 45 - 55

TEXT: If an alternating voltage is applied to a selenium rectifier, the parts of the semiconductor at the boundary between the space charge region and the quasineutral region are periodically emptied and refilled with mobile charge carriers according to the sign of the voltage. Experimental data (I. S. Grinberg, DAN UzSSR, 1959, no. 1; 1960, no. 8) show that the reverse current which flows through the rectifier during the halfperiod of reverse voltage is smaller if the forward current flows during the other half period (dynamic regime) and larger if there is no forward current during the other half period (pulsed regime). As a model for the selenium rectifier, a thin diode is studied theoretically which has a space charge

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GRINBERG, I.S.

Some properties of selenium rectifiers under dynamic conditions.
Dokl.AN Uz.SSR no.1:11-13 '59. (MIRA 12:4)

1. Fiziko-tekhnicheskiy institut AN UzSSR. Predstavleno akademikom AN UzSSR S.V.Starodubtsevym.
(Electric current rectifiers)

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GRINBERG, I.S.

Frequency dependence of inverse currents in selenium rectifiers.
Dokl. AN Uz. SSR no.11:23-24 '57. (MIRA 11:5)

1.Fiziko-tekhnicheskiy institut AN UzSSR. Predstavleno akad.
AN UzSSR U.A. Arifovym.
(Selenium--Electric properties)
(Electric current rectifiers)

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GROSUL, Ya.S., red.; [illegible], A.V., red.; [illegible], [illegible], red.;
AGAS'YEVA, [illegible], red.; [illegible], [illegible], red.;
KASHUTKIN, [illegible], red.

[From the history of science and technology; materials]
Iz istorii nauki i tekhniki; [illegible]. [illegible], [illegible]
moldovaniacke, [illegible]. [illegible]

1. Konferentsiya [illegible] Moldavii. [illegible], [illegible], [illegible]. [illegible] SSR (for Grosul). 3. [illegible] universitet (for Agas'yeva).

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GOLOVIN, G.M., kand. tekhn. nauk; BOROVIKOV, V.A., inzh.; KARPUNOV, Ye.G., inzh.; GRINBERG, I.N., inzh.

Investigating the efficient delay interspaces in short-delay blasting. Vzryv. delo no.57/14:185-190 '65. (MIRA 18:11)

1. Leningradskiy gornyy institut.

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SEMENOV, P.K.; PERMYAKOV, R.S.; GRINBERG, I.N.; APKHANOV, Yu.G.; FEDOSEYEV, B.A.; KOLESNIKOVA, V.M., inzh., spets. red.; GLADKOV, V.A., red.; SYCHEVA, V.A., tekhn. red.

[Improving boring and blasting operations at the Olenegorsk Mine] Sovershenstvovanie burovzryvnykh rabot na Olenegorskom rudnike. Murmansk, Murmanskoe knizhnoe izd-vo, 1962. 77 p. (MIRA 16:10)

(Olenegorsk region--Mining engineering)

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GRINBERG, I.N., gornyy inzhener; PERMYAKOV, R.S., gornyy inzhener; CHEREPANOV, G.S., gornyy inzhener

Improving blasting operations in pits of the Olenegorsk Mining Administration. Vzryv. delo no.47/4:84-89 '61. (MIRA 15:2)

1. Olenegorskoye rudoupravleniye (for Grinberg, Permyakov).
2. Institut gornogo dela imeni A.A.Skochinskogo AN SSSR (for Cherepanov).
(Olenegorsk region--Blasting) (Boring)

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GRINBERG, L.M., inzh. (Ashkhabad)

Some characteristics of the utilization of the Kara Kum Canal.
Gidr. i mel. 14 no.7:29-39 Jl '62. (MIRA 17:2)

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GRINBERG, I.M.

In the strive for large crops. Zashch. rast. ot vred. i bol. 6 no.9:10-11 S '61. (MIRA 16:5)

1. Zaveduyushchiy sel'skokhozyaystvennym otdelom Chardzhouskogo oblastnogo komiteta Kommunisticheskoy partii Turkmenii.
(Chardzhou Province--Plants, Protection of)

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GRINBERG, I.M.

Practical significance of some radiographic indications of stenosis of the left atrioventricular orifice. Zdravookhranenie 4 no. 1:50-53 Ja-F '61. (MIRA 14:2)

1. Iz 2-oy bol'nitsy g.Kishineva (glavnyy vrach - L.Kh. Pinskiy).
(HEART—RADIOGRAPHY) (MITRAL VALVE—DISEASES)

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GAMARNIK, M.N.; GRINBERG, I.M.; LERNER, I.O.; SHMULEVICH, F.I.

Retropneumoperitoneum. Zdravookhranenie 4 no. 1:27-30 Ja-F '61. (MIRA 14:2)

1. Iz 1-oy bol'nitsy g. Bel'tsy (glavnyy vrach - L.Ya. Marmor) i 2-oy bol'nitsy g.Kishineva (glavnyy vrach - L.Kh. Pinskiy).
(PNEUMOPERITONEUM, ARTIFICIAL)

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GRINBERG, L.M.; RUBCHIKOV, V., red.; KOSHLIYEV, G.M., tekhn. red.

[The Karakum Canal and its national economic significance] Kara-Kumskii kanal i ego narodno-khozialstvennoe znachenie. Ashkhabad, M-vo vodnogo khoz. Turkmenskoi SSR, 1959. 21 p. (MIRA 17:3)

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GRINBERG, I.M.

Radioscopic diagnosis of diaphragmatic hernias. Zdravookhranenie 2 no.5:51-56 S-O '59.

(MIRA 13:4)

1. Iz 2-oy gorodskoy bol'nitsy g. Kishineva (glavnyy vrach L.Kh. Pinskiy).

(DIAPHRAGM--HERNIA) (DIAGNOSIS, RADIOSCOPIC)

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GRINBERG, I.M.; MIL'MAN, N.Ya., kand.med.nauk

Calcification of the gall bladder; "porcelain gall bladder." Vest. rent. i rad. 33 no.2:91-92 Mr-Ap '58. (MIRA 11:6)

1. Iz 2-y gorodskoy bol'nitsy (glavnyy vrach L.Kh.Penskiy) i Respublikanskoy klinicheskoy bol'nitsy (glavnyy vrach N.A.Testemiteanu), Kishinev.
(GALL BLADDER, dis.
calcification (Rus))

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PHASE I BOOK EXPLOITATION SOV/4826

Moskovskiy dom nauchno-tekhnicheskoy propagandy imeni F. E. Dzerzhinskogo

Avtomaticheskiye rotornye linii - sredstvo kompleksnoy avtomatizatsii proizvodstva. (Rotary-Transfer-Machine Lines-A Means of Full Automation of Production) Moscow, Mashgiz, 1960. 221 p. 10,000 copies printed.

Ed.: L. N. Koshkina; Ed. of Publishing House: I. Vasil'yeva; Tech. Ed.: G. V. Smirnova; Managing Ed. for Literature on Metalworking and Machine-Tool Making: V. I. Mitin, Engineer.

PURPOSE: The book is intended for technical personnel in the machinery industry.

COVERAGE: This collection of articles explains the principles of full automation based on the use of rotary transfer machines in various industries. The rotary operational transfer machines used for basic processing are discussed, and also the special power equipment and accessories for these machines and (Production) lines. No personalities are mentioned. There are no references.

Koshkin, L. N. Basic Problems in the Full Automation of Product Manufacture 3

Nedoresov, I. A. Installation and Working Principle of Rotors for Inspection Operations 62

Machkov, Yu. A. Rotors for Regular and "Hermetic" Coating 76

Mayorov, P. Ye. Dosage of Loose and Liquid Materials in Rotary Transfer Machine Lines 85

Grinberg, I. I. Rotors for Assembling and Packing 94

Gustov, A. A. Rotors for Transfer and Feeding 108

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GRINBERG, Iosif Grigor'yevich; SUKHININ, Vladimir Georgiyevich; SEGAL', Z.G., vedushchiy red.

[North-Ustyurt key well 1.] Severo-Ustiurtskaia opornaia skvazhina 1. Leningrad, Nedra, 1965. 147 p. (Leningrad. Vsesoyuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 241) (MIRA 18:12)

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GRINBERG, I.G.

New data on the Lower Jurassic sediments of northern Ustyurt. Sov. geol. 7 no.7:132-136 Jl '64. (MIRA 17:11)

1. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologorazvedochnyy institut.

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AYZENSHTADT, G.Ye.-A.; GRINBERG, I.G.; D'YAKOV, B.F.; NEVOLIN, N.V.; TROFIMOV, N.K.; CHEREPANOV, N.N.; EVEITOV, Ya.S.

Outlook for petroleum and gas in western Kazakhstan and basic trends in regional prospecting. Geol. nefti i gaza 4 no.2:10-15 F '60. (MIRA 13:10)

1. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy institut, Vsesoyuznyy nauchno-issledovatel'skiy institut geofizicheskikh metodov razvedki i Vsesoyuznyy nauchno-issledovatel'skiy geologorazvedochnyy institut.
(Kazakhstan--Petroleum geology)
(Kazakhstan--Gas, Natural--Geology)

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KOZYREV, V.D.; GRINBERG, I.G.; KUZINA, I.N.; ZHIDKOVA, L.S.; DVALI, M.F., nauchnyy red; CHIZHOV, A.A., veduschiy red.; YASHCHURZHINSKAYA, A.B., tekhn.red.

[Geology, and oil and gas potentials of southern Sakhalin] Geologicheskoe stroenie i gazoneftenosnost' iuzhnoi chasti Sakhalina. Leningrad, Gos.nauchn.-tekhn.izd-vo neft.i gorno-topl.lit-ry leningr. otd-nie, 1960. 167 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii gologorazvedochnyi institut. Trudy, no. 156) (MIRA 14:3)

(Sakhalin--Petroleum geology)
(Sakhalin--Gas,Natural--Geology)

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Petroleum and Gas Prospects of Western Kazakhstan and Principal Trends of Regional Exploration and Prospecting

S/009/60/000/002/001/002
B007/B076

a depth of 6 or 7 kms. The main aim of the regional work is the exploration of the facies and of the petroleum- and gas-bearing Paleozoic Mesozoic and Cainozoic deposits in the various tectonic formations. Further the determination of the large suspected salt plug in the central part of the Caspian depression and also the geological and geophysical investigation on the Ustyurt and Mangyshlak in order to determine the peculiarities, physical properties, depth, and age of the folding of the beds and the general construction of large tectonic formations in these regions. There is 1 figure.

ASSOCIATION: VNIGRI (All-Union Petroleum Scientific Research Institute for Geological Exploration), VNIIGeofizika (All-Union Scientific Research Institute of Geophysical Exploration Methods), VNIGNI (All-Union Petroleum Scientific Research Institute for Geological Exploration)

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Petroleum and Gas Prospects of Western Kazakhstan and Principal Trends of Regional Exploration and Prospecting

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B027/B076

of South Mangyshlak and South Ustyurt. Two million meters of deep drilling will be necessary. The most promising directions and regions for the exploration are now being determined. These are: 1) the Mesozoic structures and the sea bottom at Karaton; 2) the region north of Dossor-Makat where high-quality fatty oil is suspected; 3) the north-eastern part of the Caspian depression in the direction from Makat toward Shubarkuduk; and 4) the region between Volga and Ural where abundant natural escape of gas has already been attracting the attention of geologists for a long time. Of the other regions, South Mangyshlak and South Ustyurt are the most promising petroleum deposits. In the time of the Seven-year Plan a number of scientific explorations are planned in Western Kazakhstan, geological surveying of the entire territory of Ustyurt and most of the Caspian depression on a scale 1 : 200 000, seismic exploration, trial drilling and electroexploratory work according to the tellaric current method with the presence of tectonic elements of first and second order has been determined. For the exploration of Paleozoic deposits in the central part of the Caspian depression 10 drillings are planned, one of them to be to

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3027/3076

AUTHORS: Aizenshtadt, G. Ye.-A., Grinberg, I. G., D'yakov, B. F., Nevolin, N. V., Trofimov, N. K., Cherepanov, N. N., Eventov, Ya. S.

TITLE: Petroleum and Gas Prospects of Western Kazakhstan and Principal Trends of Regional Exploration and Prospecting

PERIODICAL: Geologiya nefti i gaza, 1960, No. 2, pp. 10 - 15

TEXT: In accordance with the resolutions of the XXI Party Congress of the USSR, the petroleum industry in Kazakhstan was assigned the task of producing large industrial petroleum and gas stocks within the Seven-year Plan. Western Kazakhstan includes the Caspian depression with one of the largest salt domes in the world. Prospecting for petroleum and gas in this territory is to be carried out in four directions corresponding to geological formations: 1) in the complex of salt domes above the salt layer; 2) in the Paleozoic zone beneath the salt layer; 3) in the Mesozoic zone of North Ustyurt and the Buzachi peninsula; and 4) in the Mesozoic zone

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GRINBERG, I.G.

Some new data on Sakhalin intrusions. Dokl.AN SSSR 108 no.2:303-304 My '56. (Sakhalin--Rocks, Igneous) (MIRA 9:9)

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15-57-8-11396

Stratigraphy, Conditions of Accumulation of Sediments (Cont.)

greatest gas-petroleum potential.

Card 3/3 A. V. Solov'ev

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15-57-8-11396

Stratigraphy, Conditions of Accumulation of Sediments (Cont.)

Pyroclastic material is also present; its maximum amount on the western coast is observed in the area of the town of Chekhov. On the eastern coast, the Nevel'sk group is composed of tuff agglomerates. Lithologically, the sediments of the Nevel'sk group may be divided into four subgroups in the Nevel'sk region and into two subgroups in the Aniva and Chekhov areas. In the northern portion of southern Sakhalin the Nevel'sk group does not lend itself to a more detailed division. The age of the fold is determined, on the basis of its faunal remains, to be middle Miocene. The accumulation of sediments of the Nevel'sk group occurred in the coastal zones of the sea under conditions of nonuniform sinking of the bottom of the basin. The region of Primor'ye (Maritime Territory) was the source area of the sediments of the Nevel'sk period. This fact has been confirmed by mineralogical investigations. The conditions of sediment accumulation in the Nevel'sk group were favorable for the formation of petroleum and gas. Four gas-petroleum strata are observed in the Nevel'sk area; the Gornozavodsk anticline has the

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15-57-8-11396

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 8, p 184 (USSR)

AUTHOR: Grinberg, I. G.

TITLE: Stratigraphy, Conditions of Accumulation of Sediments, and Gas-Petroleum Potential of the Nevel'sk Group in Southern Sakhalin (Stratigrafiya, usloviya nakopleniya osadkov i perspektivy gazoneftenosnosti nevel'skoy svity Yuzhnogo Sakhalina)

PERIODICAL: Tr. Vses. neft. n.-i. geologorazved. in-ta, 1956, Nr 99, pp 206-215

ABSTRACT: The character of the sediments of the Nevel'skaya group on the western coast of southern Sakhalin varies; the width of the formation changes, north to south, from 1500 m in the Nevel'sk region down to 400 m to 500 m in the Lesogorsk region. Moreover, the sediments become more arenaceous in this direction.

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MOSKVITIN, N.I.; GRINBERG, I.F., red.; SMOL'YAKOVA, M.V., tekhn. red.

[Technology of leather substitutes] Tekhnologiia zamenitelei kozhi. Moskva, Gizlegprom. Vol.3. [Substitutes of the carton type] Zameniteli tipa kartonov. 1948. 387 p. (MIRA 15:7)
(Leather substitutes)

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SHREYBER, K.S.; GRINBERG, I.F., red.; EL'KINA, E.M., tekhn. red.

[Capital construction in light industry] Kapital'noe stroitel'stvo v legkoi promyshlennosti. Moskva, Gizleprom, 1949. 127 p. (MIRA 15:4)
(Building--Contracts and specifications)

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GRINBERG, I. F.

KOSACHEV, M.N., kandidat tekhnicheskikh nauk, redaktor; SIL'VESTROVICH, S.I., nauchnyy redaktor; GRINBERG, I.F. [deceased], redaktor; LYUDKOVSKAYA, N.I., tekhnicheskikh redaktor.

[Blasting; collection of articles] Vzryvnye raboty; sbornik statei. Moskva, Gos. izd-vo lit-ry po stroitel'nym materialam, 1954. 82 p. (MLRA 7:12)

(Blasting)

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GRINBERG, I.D., inzh.; DUL'FAN, B.Ye., inzh.

Mechanized assembly of shell molds. Mashinostroenie no.5: 68-70 S-O '63. (MIRA 16:12)

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SEMENOV, V.; GRINBERG, I., inzh.; LUK'YANOV, V., inzh.; MAYOROV, P., inzh.; MORKOVIN, G., inzh.

Against conservatism in technology and mechanical engineering. NTO 2 no.4:32-35 Ap '60. (MIRA 13:6)

1. Predsedatel' soveta pervichnoy organizatsii Nauchno-tekhnicheskogo obshchestva konstruktorskogo byuro mashinostroitel'noy promyshlennosti, Moskva (for Semenov). 2. Chleny Nauchno-tekhnicheskogo obshchestva mashinostroitel'noy promyshlennosti, Moskva (for Grinberg, Luk'yanov, Mayorov, Morkovin).
(Factory management--Technological innovations)

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GRINBERG, I.

GRINBERG, I.

How the production costs of the plant lowered. Stroi. mat. 3 no.4: 25-27 Ap '57. (MLRA 10:6)

1. Nachal'nik planovo-ekonomicheskogo otdela Moskovskogo zavoda zhelezobetonnykh izdeliy No.8 Glavmoszhelezobetona.
(Moscow--Concrete plants)

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GRINBERG, I.

Wages based on a cubic meter of finished products. Sots.trud. no.11:79-83 N '56. (MLRA 10:1)

1. Nachal'nik planovo-proizvodstvennogo otdela zavoda no.8 Glavmoszhelezobetona.
(Cement industries--Production standards)
(Wages)

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GRINBERG, G.Z., inzh.; OZEROV, L.K., inzh.

Organizing highly productive work by excavating machinery. Avt. dor. 27 no.2:7-9 F '64. (MIRA 17:3)

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GRINBERG, Georgiy Samoylovich; DEYCH, Roman Savel'yevich; KAMINSKIY, Ye.A., red.; FRIDKIN, L.M., tekhn. red.

[Unit devices of electrical systems with ratings up to 500 volts] Komplektnye ustroistva elektrotekhnicheskikh ustanovok do 500 v. Moskva, Gosenergoizdat, 1963. 69 p. (Biblioteka elektromontera, no.101) (MIRA 16:10)
(Electric apparatus and appliances)

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GRINBERG, G.S., inzh.; DEYCH, R.S., inzh.

Conduits for installing cables. Mont. i spets. rab. v stroi. 24 no.4:24-25 Ap '62. (MIRA 15:7)

1. TSentral'noye proyektno-konstruktorskoye byuro Gosudarstvennogo soyuznogo tresta proizvodstvennykh predpriyatiy Glavelektromontazha Ministerstva stroitel'stva predpriyatiy metallurgicheskoy i khimicheskoy promyshlennosti SSSR.
(Electric wiring, Interior)

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GRINBERG, Georgiy Samoylovich; DEYCH, Roman Savel'yevich; KAMINSKIY, Ye.A., red.; SHIROKOVA, M.M., tekhn. red.

[Electrical installation and wiring materials] Elektromontazhnye izdeliia. Moskva, Gos. energ. izd-vo, 1961. 55 p. (Biblioteka elektromontera, no.46) (MIRA 15:4)
(Electric wiring--Equipment and supplies)

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GUREYEV, Igor' Aleksandrovich; GRINBERG, G.S., red.; SHIROKOVA, M.M., tekhn. red.

[Complex bus conductors in the electric networks of shops] Komplektnye shinoprovody tsekhovykh elektricheskikh setei. Moskva, Gos.energ. izd-vo 1961. 32 p. (Biblioteka elektromontera, no.53) (MIRA 14:12)

(Bus conductors (Electricity))

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GRINBERG, G.S., inzh.; GUREYEV, I.A., inzh.

Complete transformer substations for outdoor plant units with transformers from 180 to 560 kv.-a. Vest.elektroprom. 31 no.6:14-17 Je '60. (MIRA 13:7)

(Electric transformers)
(Electric substations)

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Ch. 14. Enclosed Bus Bars 117

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Preassembled Units of Electrotechnical Installations SOV/5214

Ch. 6. Layout of Control Drives, Devices, and Apparatus 49

Ch. 7. Preassembled Transformer Substations 51

Ch. 8. Preassembled Distribution Systems With Voltages Exceeding 1,000 Volts 69

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Ch. 11. Power-Distribution Cabinets 95

Ch. 12. Power Boxes 102

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Ministerstvo stroitel'stva elektrostantsiy (Ministry of Construction of Electric Power Plants), and sovnarkhoz plants of the electrical industry. Chs. 1, 6, 7, and 11-16 were written by G.S. Grinberg, and Chs. 2-5 and 8-10 by V.N. Smirnov. No personalities are mentioned. There are no references.

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Ch. 2. General Requirements of Preassembled Units 13

Ch. 3. Metal Structures 17

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GRINBERG, G.S.

PHASE I BOOK EXPLOITATION SOV/5214

Grinberg, Georgiy Samoylovich, and Vadim Nikolayevich Smirnov

Komplektnyye ustroystva elektrotekhnicheskikh ustanovok (Preassembled Units of Electrotechnical Installations) Moscow, Gosenergoizdat, 1960. 135 p. 15,000 copies printed.

Ed.: M.P. Leplinskiy; Tech. Ed.: N.I. Borunov.

PURPOSE: This book is intended for engineers, technicians, and designers concerned with the planning, mounting, and operation of electrical engineering installations and for technical personnel of plants manufacturing preassembled units. It may also be useful to students specializing in power supply and electrical equipment.

COVERAGE: The book describes the structures of preassembled units used in electrotechnical installations of industrial and public buildings and dwellings of the USSR. It contains concise information on the manufacturing processes and materials used for preassembled units, as well as recommendations regarding their design. The data are based on manufacturing practices of the Ministerstva stroitel'stva RSFSR i USSR (Ministries of Construction RSFSR and UkrSSR),

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GRINBERG, Georgiy Samoylovich; SMIRNOV, Vadim Nikolayevich; LEPLINSKIY, M.P., red.; BORUNOV, N.I., tekhn.red.

[Block units of electrical systems] Komplektnye ustroistva elektrotekhnicheskikh ustanovok. Moskva, Gos.energ.izd-vo, 1960. 135 p. (MIRA 13:12)

(Electric apparatus and appliances)

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GAVRILOV, A.A., inzh.; GRUNBERG, G.S., inzh.; KIREYEV, M.I., inzh.
RIVKIN, A.Ya., ~~inzh.~~

Distribution boards and units for tension up to 380 v. made of standard blocks. Prom.energ. 12 no.8:28-31 Ag '57. (MIRA 10:10)
(Electric apparatus and appliances)
(Electric switchgear)

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Zhur. Ob. Khim., 24, Ed. 6, 953 - 965, June 1954 (Additional Card)

Card 2/2

Abstract : with the increase in the content of the organic component (acetone or alcohol) in the solution. Seven references. Tables, graphs.

Institution : State University, Leningrad

Submitted : January 29, 1954

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