SOKOL'NIKOV, V.M.

Causes of the formation of "springs" in the ice cover of Lake Baikal. Trudy Baik. limnol. sta. 15:65-94 '57. (MERA 10:8)
(Baikal, Lake--Ice)

Sokolnikov, V.M.

3(4,7)

Vsesoyuznyy gidrologicheskiy s"yezd, 3rd, Leningrad, 1957.

Trudy...t. III: Soveshchaniye (Proceedings of the Third All-Union Hydrological Conference, v. III: Hydrophysics Section) Leningrad, Gidrometeoizdat, 1959. 470 p. Errata slip inserted. 2,000 copies printed.

Sponsoring agency: Glavnoye upravleniye gidrometeorologicheskoy sluzhby pri Sovete Ministrov SSSR.

Resp. Ed.: V.A. Uryvayev; Ed.: V.S. Protopopov; Tech. Ed.: M.I. Braynina.

PURPOSE: This work is intended for meteorologists, hydrologists, and hydrophysicists, particularly those engaged in the study of snow and ice and evaporation processes.

COVERAGE: This book contains papers on hydrophysics which were presented and discussed at the Third All-Union Hydrological Conference in Leningrad, October 1957. The Conference published 10 volumes on various aspects of hydrology of which this is number 3. The editorial board in charge of the series included: V.A. Uryvayev (Chairman), O.A. Alekin, Ye.V. Biliznyak (deceased), O.N. Borsuk, M.A. Velikanov, L.K. Davydov, A.P. Dosaritskiy, O.F. Kalinin, S.N. Kritskiy, B.I. Kudelin, L.P. Manois, N.P. Menkel', B.P. Orlov, I. V. Popov, A.K. Proskuryakov, D.L. Sokolovskiy, O.A. Spengler, A.I. Chebotarev, and S.K. Cherkavskiy. This volume is divided into 2 sections: the first contains reports from the subsection for the study of evaporation processes, and the second contains reports from the snow and ice subsection. References accompany each article.

Butyagin, I.P. [Candidate of Technical Sciences] Changes in the Thickness, Structure and Strength of the Ice Cover of the Western Siberian Rivers During the Spring (as Exemplified by the Ob' River) 419

Kolesnikov, A.G. [Professor, Doctor of Physical and Mathematical Sciences], V.I. Belyayev [Aspirant], and L.A. Budina [Junior Scientific Worker] The Rate of Sludge-Ice Formation 426

Sokolnikov, V.M. [Candidate of Technical Sciences] Specific Features in the Formation, Growth, and Destruction of the Ice Cover on Lake Baykal 435

Medrek, P.L. [Engineer, SZ UGMS Leningrad] Practical Experience in Collecting and Consolidating Data Provided by Aerial Surveys of Ice on Lake Ladoga 443

Minutes of the Meetings

Resolutions of the Snow and Ice Subsection, Hydrophysics Section 467

AVAILABLE: Library of Congress

Card 14/14

(2)

MM/bg
10-15-59

SOKOL'NIKOV, V.M.

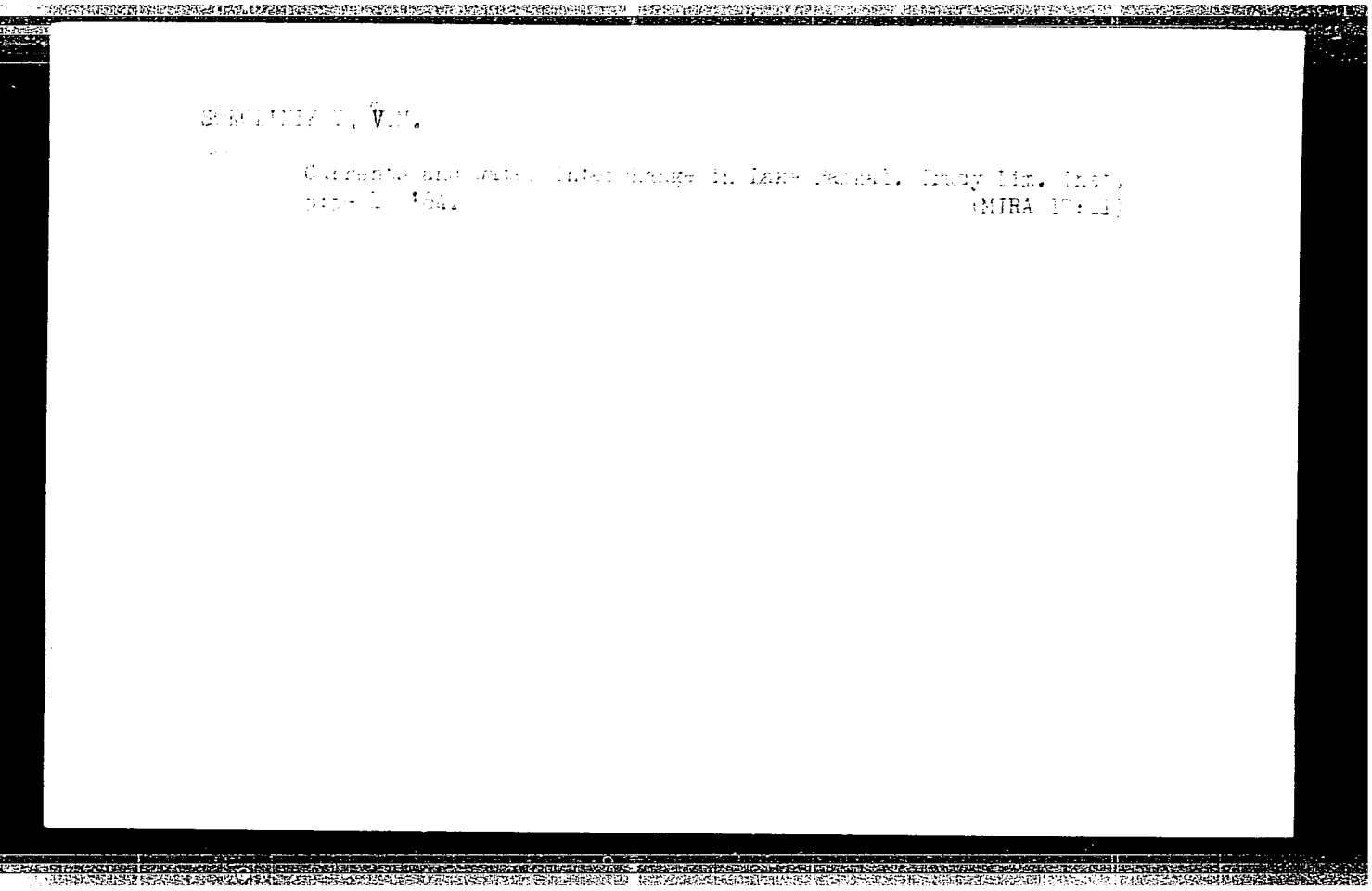
Radiation properties of ice and snow and certain phenomena in the ice regimen of the Maloye More. Trudy Baik.limnol.sta 17: 54-136 '59. (MIRA 12:12)
(Maloye More--Ice) (Maloye More--Snow)
(Solar radiation)

SOKOL'NIKOV, V.M.

Currents and water temperature under the ice cover in the southern part of Lake Baikal and near the beginning of the Angara River. Trudy Baik. limnol. sta. 18:264-285 '60. (MIRA 14:1)
(Baikal, Lake--Hydrology) (Angara River--Hydrology)

SOKOL'NIKOV, V.M.

Vertical and horizontal displacements and deformations of the solid ice cover on Lake Baikal. Trudy Baik. limnol. sta. 18:291-350 '60. (MIRA 14:1)
(Baikal, Lake--Ice on rivers, lakes, etc.)



VERBOLOV, Vladimir Il'ich; SOKOL'NIKOV, Vladimir Mikhaylovich; SHIMARAYEV, Mikhail Nikolayevich; GALAZIN, G.I., otv. red.

[Hydrometeorological regime and heat budget of Lake Baikal] Gidrometeorologicheskii rezhim i teplovoi balans ozera Baikal. Moskva, Nauka, 1965. 372 p. (MIRA 18:5)

ACC NR: AM6014511 Monograph UR/

Verbolov, Vladimir Il'ich; Sokol'nikov, Vladimir Mikhaylovich; Shimaraycv, Mikhail Nikolaycvich .

Hydrometeorological conditions and thermal balance of Lake Baikal. (Gidrometeorologicheskiy rezhim i teplovoy balans ozera Baykal) Moscow, Izd-vo "Nauka", 1965, 372 p. illus., biblio. (At head of title: Akademiya nauk SSSR. Sibirskoye otdeleniye. Limnologicheskiy institut) Errata slip inserted. 1,000 copies printed.

TOPIC TAGS: hydrometeorology, hydrology, surface water, heat balance, air temperature, moisture measurement, solar radiation absorption, turbulent heat transfer, ice / LAKE BAIKAL

PURPOSE AND COVERAGE: This book presents the normal properties over several years of radiational and thermal balances of the surface of Lake Baikal. It describes processes of heat and moisture exchange with the atmospheric and internal water exchange ranging from the surface of the lake to depths of 200 meters. Also included is an analysis of the mechanism of a series of processes and phenomena which influence the hydrometeorological conditions of Baikal.

Card 1/2

STEPANOV, K.I., dots., otv. red.; PILENKO, I.F., dots., red.; VAN'KOVICH, G.N., kand. sel'khoz. nauk; ZAGORCHA, K.L., st. prep., red.; SOKOL'NIKOV, Ye.A., dots., red.; STEPURIN, G.F., dots., red.; KARYAKINA, I., red.

[Collection of reports and communications by the students of the Kishinev Agricultural Institute] Sbornik dokladov i soobshchenii studentov Kishinevskogo sel'skokhoziaistvennogo instituta. Kishinev, Kartia moldoveniaske, 1963. 79 p. (MIRA 17:11)

1. Kishinev. Sel'skokhozyaystvennyy institut.

SOKOL'NIKOV, Yu.N., inzh.

Effect of the cross-section shape of a dredging cut on its tendency to become filled in. Rech. transp. 17 no. 7:49-50 Jl '58. (MIRA 11:8)

(Dredging)

PYSHKIN, Boris Andreyevich, prof.; RUSAKOV, Sergey Vasil'yevich; MAKSIMCHUK, Vladimir Lukich; SOKOL'NIKOV, Yuriy Nikolayevich. Prinimal uchastiye: DOKUKIN, G.B.; TOLMACHOV, A.B., retsenzent; TSIMBERG, I.Ye., retsenzent; PECHKOVSKAYA, O.M., red.; MATVEYCHUK, A.A., tekhn.red.

[Problems in planning channel deepening cuts] Voprosy proektirovaniia dnouglubitel'nykh prorezei. Pod red. B.A.Pyshkina. Kiev, Izd-vo Akad.nauk USSR, 1959. 157 p. (MIRA 12:12)

1. Chlen-korrespondent AN USSR (for Pyshkin). 2. Glavnyy inzhener Dneprovskogo basseynovo upravleniya puti (for Tolmachov). 3.Nachal'nik otdela vodnykh putey Ukrgiprorechtransa (for TSimberg). (Rivers--Regulation)

SOKOL'NIKOV, Yu. N., inzh.

Cause of damage to the protective coating of a harbor breakwater of a reservoir. Rech. transp. 19 no. 6:43-44 Je '60. (MIRA 14:2)

(Breakwaters)

RUSAKOV, S.V.; SOKOL'NIKOV, Yu.M.

Results of wind wave studies of the Kakhovka Reservoir near Nikopol'. Visti Inst.hidrol. i kidr. AN URSR 21:30-42 '62. (MIRA 16:4)
(Kakhovka Reservoir—Waves)

L 19496-66

ACC NR: AP5026520

SOURCE CODE: UR/0286/65/000/020/0099/0099

AUTHORS: Timoshenkov, K. D.; Sokol'nikova, G. V.; Novitskaya, I. I. 17

ORG: none

TITLE: Thermoregulator for stabilizing temperature drops. Class 42, No. 175755 Announced by Special Construction Bureau for Instrument Manufacture and Means of Automation (Spetsial'noye konstruktorskoye byuro po priborostroyeniyu i sredstvam avtomatizatsii) 17

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 20, 1965, 99

TOPIC TAGS: thermostat, temperature control

ABSTRACT: This Author Certificate presents a thermoregulator for stabilizing temperature drops, which contains two thermosensitive systems consisting of a sylphon and a thermobottle and a system of levers of a transmission mechanism and a switching mechanism. To allow the stabilization of the difference of two different temperatures and to improve the regulation, the comparison element is mounted on the rod joining the sylphons. The comparison element is connected to the

Card 1/2

UDC: 62-555.6

L 19396-66

ACC NR: AP5028520 SOURCE CODE: UR/0286/65/000/020/0099/0099

AUTHORS: Timoshenkov, K. D.; Sokol'nikova, G. V.; Novitskaya, I. I.

ORG: none

TITLE: Thermoregulator for stabilizing temperature drops. Class 42, No. 175755 [announced by Special Construction Bureau for Instrument Manufacture and Means of Automation (Spetsial'noye konstruktorskoye byuro po priborostroyeniyu i sredstvam avtomatizatsii)]

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 20, 1965, 99

TOPIC TAGS: thermostat, temperature control

ABSTRACT: This Author Certificate presents a thermoregulator for stabilizing temperature drops, which contains two thermosensitive systems consisting of a sylphon and a thermobottle and a system of levers of a transmission mechanism and a switching mechanism. To allow the stabilization of the difference of two different temperatures and to improve the regulation, the comparison element is mounted on the rod joining the sylphons. The comparison element is connected to the

Card 1/2

UDC: 62-555.6

L 19396-66
ACC NR: AP5028520

switching mechanism by means of a free-play coupling with regulated motion.

SUB CODE: 13/ SUBM DATE: 02Mar64

Card 2/2

SOKOL'NIKOVA, M. D.

USSR/ Chemistry Nitrating

Card : 1/1 Pub. 151 - 26/33

Authors : Tsukervanik, I. P., and Sokol'nikova, M. D.

Title : Nitration of 1,1-diphenylethane

Periodical : Zhur. ob. khim. 24/8, 1435 - 1438, August 1954

Abstract : The effect of nitrating conditions (nitration with fumic nitric acid) on the structure and yields of 1,1-diphenylethane nitration products, was investigated. The results obtained from nitration of 1,1-diphenylethane in different conditions, are shown in a special chemical arrangement. It was also established that nitration of the side chain of 1,1-diphenylethane, with concentrated nitric acid, is possible only when the latter is heated. Fourteen references: 1 English; 3 USA; 5 USSR; 4 German and 1 French (1894 - 1953).

Institution : Acad. of Sc. Uzbek-SSR, Institute of Chemistry

Submitted : February 19, 1954

SOKOL'NIKOVA, M.D.; TSUKERVANIK, I.P.

Amino derivatives of 1,1-diphenylethane. Dokl. AN Uz. SSR no.9: 29-31 '57. (MIRA 11:5)

1.Institut khimii AN UzSSR. 2.Chlen-korrespondent AN UzSSR (for TSukervanik).

(Ethane)

KHODZHAYEV, G.Kh.; SOKOL'NIKOVA, M.D.; RIZAYEVA, M.; Prinimali uchastiye: BELOPOL'SKAYA, S.; CHABROVA, O.; KUL'METOV, A.; SAYDALIKHODZHAYEV,M.

Shur-Tepe oil field. Uzb. khim. zhur. 9 no. 4:45-50 '65.
(MIRA 18:12)

1. Institut khimii AN UzSSR. Submitted June 2, 1964.

BARDACHEVSKIY, V.T.; VELICHKO, Yu.T.; VLASENKO, N.V.; GUBENKO, T.P.; DRYAKHLOV, A.I.; KARANDEYEV, K.B.; KARNYUSHIN, L.V.; MAKSIMOVICH, N.G.; SOKOL'NITSKIY, G.Z.

M.G. Liukov. Izv. vys. ucheb. zav.; energ. no.5:127 My '58. (MIRA 11:8)

(Liukov, Mikhail Grigor'evich, 1915-1958)

DENISENKO, Grigoriy Ivanovich; SOKOL'NITSKIY, G.Z., prof., otv.red.; GRINSHPON, F.O., red.; SARANYUK, T.V., tekhred.

[Simultaneous transmission of a.c. and d.c. power through common lines] Odnovremennaia peredacha elektricheskoi energii postoiannym i peremennym tokami po obshchim liniiam peredach. Otv.red. G.Z.Sokol'nitskii. L'vov, Izd-vo L'vovskogo univ., 1960. 227 p. (MIRA 13:9)
(Electric power transmission)

S/598/61/000/006/003/034
D245/D303

AUTHORS: Bondarev, S.N., Orobey, N.Ya., and Sokolon, I.I.

TITLE: Feeding molten magnesium into a titanium reactor

SOURCE: Akademiya nauk SSSR. Institut metallurgii. Titan i yego splavy. no. 6, 1961. Metallotermiya i elektrokhimiya titana, 21 - 22

TEXT: Feed of Mg to the reactor is effected by 2 methods: 1) Using a heated ladle discharging through the base; 2) Using a container built in the reactor cover. Use of molten Mg feed reduces reactor heating time and increases the hourly furnace output by 10 - 15 %. The degree of utilization of the Mg is increased and filling the reactor also increases. When using the 2nd method, the formation of Ti sub-chlorides in the reaction volume is almost eliminate and inert gas consumption is reduced. The consumption of electricity per ton of the Ti sponge made is reduced by 20 - 25 %. There are 2 figures.

Card 1/1

S/598/61/000/006/006/034
D245/D303

AUTHORS: Sergeyev, V.V., Golov, A.G., Kushkin, B.N., and Sokolon, I.I.

TITLE: Separation of drilled reaction mass

SOURCE: Akademiya nauk SSSR. Institut metallurgii. Titan i yego splavy. no. 6, 1961. Metallotermiya i elektrokhimiya titana, 38 - 40

TEXT: The authors studied the separation of Ti sponge from the reaction mass by drilling methods which they consider to have the following advantages: Equally good quality of Ti sponge, less contamination of the sponge with Fe, economy in labor and ease of mechanization. The main drawback of the drilling method is the need to carry out the operations in a room with a dry atmosphere and the criteria of humidity control for this purpose are specified as a maximum air humidity of 0.1 - 0.2 g/cubic meter and an air consumption of 700 - 1000 nm^3/hour. There are 1 figure and 2 tables.

Card 1/1

ACCESSION NR: AP5019971 UR/0136/65/000/008/0064/0068
669.295

AUTHOR: Rodyakin, V. V.; Garmata, V. A.; Sokolon, I. I.; Sandler, R. A.; Arutyunov, E. A.; Vlasov, V. A.; Ustinov, V. S.; Andreyev, A. Ye.

TITLE: Quality of the titanium sponge obtained by using different types of magnesium

SOURCE: Tsvetnyye metally, no. 8, 1965, 64-68

TOPIC TAGS: titanium sponge, raw electrolytic magnesium, refined magnesium, sponge block, condensate magnesium, titanium tetrachloride, spongy titanium, magnesium electrolysis

ABSTRACT: The article presents the findings of experimental-industrial comparison tests of the quality of parts of a block of spongy titanium obtained by using raw electrolytic magnesium, refined magnesium, and condensate magnesium (obtained by remelting the condensate of the vacuum separation of titanium). The tests were based on the use of titanium tetrachloride of a fixed composition. Analysis showed that the hardness of the refined part of the block, obtained by using refined magnesium is 6-8 units lower than the hardness of the same parts

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ACCESSION NR: AP5019971

of the sponge block obtained by using condensate magnesium. On the whole the difference in the quality of commercial metal amounts to 6-7 units (hardness) in favor of the titanium sponge obtained on the basis of refined magnesium. Therefore, the use of liquid instead of solid magnesium does not appreciably affect the quality of spongy titanium. As the methods of transporting liquid magnesium are improved, the expediency of conversion to the liquid form of this reducing agent will increase. Analysis of the quality of the titanium sponge obtained with the aid of different types of magnesium has confirmed that the impurities (Fe, Si, C, N, O) from the magnesium concentrate chiefly at the bottom of the sponge block. This leads to a deterioration in the quality of the commercial metal which, in its turn, causes a decrease in its recovery from $TiCl_4$. The deterioration in the quality of spongy titanium is chiefly due to the gaseous impurities. With respect to the content of these impurities, raw and refined magnesium are of a much better quality than condensate magnesium. Owing, however, to the still current imperfections in the technology of removal of magnesium from electrolytic cells, the use of raw magnesium often leads to a lower quality of the bottom and surface layers of blocks of spongy titanium. These operations must be improved before the quality and recovery of titanium metal can be im-

L 0884-66

ACCESSION NR: AP5019971

proved. Thus, the reduction of titanium from its tetrachloride is best accomplished with the aid of raw magnesium, but this requires prior improvements in the technology and equipment for transferring magnesium from electrolyzers to reduction. Orig. art. has: 1 figure, 3 tables.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: MM

NO REF SOV: 000 OTHER: 000

Card 3/3

L 62202-65 EWT(m)/EWP(t)/EWP(b) IJP(c) JD

ACCESSION NR: AP5015877 UR/0080/65/038/006/1217/1224 17
546.821 16

AUTHOR: Petrov, V. I.; Lokshin, R. G.; Mal'shin, V. M.; P'yankov, F. A.; Sokolon, I. I.

TITLE: Development of a standard process for preparing titanium sponge

SOURCE: Zhurnal prikladnoy khimii, v. 38, no. 6, 1965, 1217-1224

TOPIC TAGS: titanium refining, titanium tetrachloride, titanium sponge

ABSTRACT: After discussing the four possible variants used for standardizing the magnesiothermic reduction process by which titanium is obtained from its tetrachloride, the authors show that the variant involving a stable feed rate of $TiCl_4$ during the entire process is preferred over the others. The following four conditions are necessary for creating a periodic standard reduction process: (1) a ratio of material flows in the reactor which is reproducible in each process; (2) continuous maintenance of thermal equilibrium in the reactor for given temperature conditions; (3) uniform distribution and removal of the heat of reaction along the perimeter of the reactor; (4) maintenance of the reaction zone at a constant level. The technology, apparatus, and automatic control of the standard reduction process are described, and corresponding diagrams are given. These principles were applied to the development of a standard reduction process at the Bereznikovskiy titano-

Card 1/2

L 62202-65

ACCESSION NR: AP5015877

magniyevyy kombinat (Berezniki Titanium-Magnesium Combine) in 1960-1961. The data obtained show that the basic principles of the standard reduction process reflect the relationships inherent in the reduction reaction, the properties of the reactor, and the existing technological potential of the process. Orig. art. has: 5 figures and 3 tables.

ASSOCIATION: None

SUBMITTED: 06Aug62 ENCL: 00 SUB CODE: MM

NO REF SOV: 008 OTHER: 003

Card 2/2

ACC NR: AP6019562 (N) SOURCE CODE: UR/0080/66/039/006/1245/1249

AUTHOR: Sokolon, I. I.; Sandler, R. A.; Tseluyko, I. M.; Rodyakin, V. V.; Arutyunov, E. A.

ORG: none

TITLE: Sources of contamination of magnesiothermic titanium sponge with carbon

SOURCE: Zhurnal prikladnoy khimii, v. 39, no. 6, 1966, 1245-1249

TOPIC TAGS: titanium, carbon

ABSTRACT: The distribution of carbon present as a contaminant was studied in various zones of a lump of titanium obtained by the magnesiothermic method. The main source of carbon contamination was found to be titanium tetrachloride. Originating from the latter, carbon becomes uniformly distributed over the entire lump of titanium. The peripheral zones of the titanium lump become additionally contaminated with carbon as a result of the transfer of carbon together with iron from the material of the reactor. The presence of carbon-rich films in the samples may lead to a significant distortion of the actual carbon content in industrial titanium sponge batches. Carbon contamination is most likely in the lining category of sponge, from which the films are not removed in practice. The metallic magnesium used in the titanium industry apparently has no effect on the carbon content in the various parts of the titanium lump. It is shown that during the separation process, no appreciable

Card 1/2 UDC: 669.295

ACC NR: AP6019562

contamination of the sponge with carbon from the vacuum systems takes place. Orig. art. has: 2 figures and 3 tables.

SUB CODE: 11/ SUBM DATE: 27Jul64/ ORIG REF: 002/ OTH REF: 002

Card 2/2

SOKOLONSKIY, L. M.

"A Frontal Magnifying Glass in Bacteriological Practice," Voyenno-Med. Zhur., p. 66 No. 9, 1955.

SOKOLOTSI, Silaba Bela, D-r, chast. dotsent

Peripheral anesthesia in inflammations of the mandible and maxilla. Stomatologiia no.1:24-26 '54. (EEAL 3:7)

1. Iz Stomatologichnata klinika pri Meditsinskiia fakultet Budapeshcha. Savezhdashch klinikata: K.Balog.
(JAWS, diseases,
*inflamm., ther., peripheral anesth.)
(ANESTHESIA,
*peripheral, ther. of inflamm. of jaws)

SOKOLOV, A., inzhener (Leningrad).

Sectional reinforced concrete anchorage walls. Mor. flot 16 no.10:22-23 O '56. (MLRA 9:11)

(Anchorage) (Reinforced concrete construction)

KAPRELYAN, R., zasluzhennyy letchik-ispytatel'; SOKOLOV, A., letchik-ispytatel'

Automatic pilot in a helicopter. Av.i kosm. 45 no.4:63-66 Ap '63. (MIRA 16:3)

(Helicopters) (Automatic pilot (Airplanes))

SOKOLOV, A.; CHAKHOYANTS, V.; ARIARSKAYA, N.

Search of Leningrad educators. Prof.-tekh. obr. 22 no.3:5-7 Mr '65.
(MIRA 18:7)

1. Zamestitel' Zaveduyushchego otdelom teorii i praktiki vospitatel'noy raboty Nauchno-issledovatel'skogo institut professional'no-tekhnicheskogo obrazovaniya (for Sokolov). 2. Zaveduyushchiy uchebnoy chast'yu 109 sredney [smennoy] obshcheobrazovatel'noy shkoly, Leningrad (for Ariarskaya).

SOKOLOV, A.; ANDREYEV-GOLUBEV, N., starshiy prepodavatel'

Specialization as the principal prerequisite of successful work.
Mor. flot 25 no.8:6-8 Ag '65. (MIRA 18:8)

1. Nachal'nik kommercheskogo otdela Upravleniya sukhoputnogo flota Chernomorskogo parekhodstva (for Sokolov). 2. Odesskiy institut inzhenerov morskogo flota (for Andreyev-Golubev).

SOKOLOV A.A.

S/526/62/000/024/004/013
D234/D308

AUTHOR: Sokolov, O.O.

TITLE: Multi-layer caps for rotating regenerators of gas turbine installations

SOURCE: Akademiya nauk Ukrayins'koyi RSR. Instytut teploenerhetyky. Zbirnyk prats'. no. 23, 1962. Teploobmin ta hidrodynamika, 33-40

TEXT: The author obtains

$$\left(\frac{t_1}{t_2}\right)^{0.16} \left(\frac{w_2}{w_1}\right)^{1.50} = 1. \quad (10)$$

for ribbon caps and

$$\left(\frac{w_2}{w_1}\right)^{2.1} \left(\frac{t_2}{t_1}\right)^{0.03} = 1. \quad (11)$$

for mesh caps, relating the thicknesses of similar caps and the gas

Card 1/2

velocity w inside them. It follows that an increase of thickness does not sufficiently increase the gas velocity. The frontal area of the rotor in regenerators can be decreased by dividing the cap into several layers, each layer consisting of sections with small channels and sections through which gases are led. Many small diffusors are placed between the layers. The equivalent diameter of gas channels is 10-15 times that of the small channels. Calculations show that three-layer caps with meshed main heat exchanger layer decrease the frontal area by the rotor by 1.9 times. The thickness of such caps is 150-180 mm. There are 4 figures.

KALAKUTSKIY, L.V.; SOKOLOV, A.A.

Heterogeneity of the membrane of airborne mycelium of violaceus. Mikrobiologiia 30 no.1:67-71 Ja-F '61. (MIRA 14:5)

1. Institut mikrobiologii AN SSSR.
(ACTINOMYCES)

SOKOKIN, M.G.; SOKOLOV, A.A.

Morphology and biology of the northern birch mouse (Sicista betulina Pall.) in Kalinin Province. Nauch. trudy Kal. otd. MOIP no.2:31-40 '60. (MIRA 14:10)

(KALININ PROVINCE--BIRCH MOUSE)

RZHEKHIN, Yu.; KUZNETSOV, L.; SOKOLOV, A.

Traffic engineering and safety. Avt.transp. 42 no.3 48-52 Mr '64. (MIRA 17:4)

1. Zamestitel' nachal'nika Gosudarstvennoy avtomobil'noy inspektsii Glavnogo upravleniya militsii Ministerstva okhrany obshchestvennogo poryadka RSFSR (for Kuznetsov).

SOKOLOV, A.

An urgent problem; from the work practices of the "Transflot" agency. Mor. flot 24 no.2:11-13 F '64.

(MIRA 18:12)

1. Nachal'nik Glavmoragnetstva "Transflot" Chernomorskogo parokhodstva.

SOKOLOV, A.

Improve the work of the "Transflot" agencies. Mor.flot 25 no.6:9-10 Jl '65. (MIRA 19:1)

TIMAKOV, S.; KIMASK. G.; KIRSPUU, V.; HIZNJAKOV, V.; SOKOLOV, A.; PAULMAN, V.; SÕNNUS, E., red.

[25 years of Soviet Estonia; a statistical abstract] 25 aastat Nõukogude Eestit; statistiline kogumik. Tallinn, Eesti Raamat, 1965. 173 p. [In Estonian] (MIRA 18:12)

1. Estonian S.S.R. Statistika Keskvalitsus.

BULGARIA

NIKOLOV, V., SOKOLOV, A.; Scientific Research Institute of Neurology and Psychiatry (Director Prof. G. Ganev)

"Experimental Data on the Effect of Paraacetaminobenzaldehyde Isonicotinoylhydrazone on the Permeability of the Hematoencephalic Barrier"

Sofia, Nevrologiya, Psikhiatriya i Nevrokhirurgiya, Vol 5, No 5, 1966, pp 378-382

Abstract: p-Acetaminobenzaldehyde isonicotinoylhydrazone is used in the treatment of neurological diseases. Its effect on the permeability of the hematoencephalic barrier in rats was studied. After the drug had been administered to rats perorally three times per day in doses of 1 mg, the animals were given an intraperitoneal injection of $Na_2H^{32}PO_4$, whereupon the content of ^{32}P in the brain of the rats was determined and compared with that of control rats which received only an injection of the chemical containing the radioactive isotope. The content of ^{32}P in the brain of experimental animals was higher than in the control animals -- this indicated that the permeability of the hematoencephalic barrier was raised under the influence of the drug. The greatest difference between experimental and control animals

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BULGARIA

Sofia, Nevrologiya, Psikhiatriya i Nevrokhirurgiya, Vol 5, No 5, 1966, pp 378-382

was with respect to the ^{32}P content in the cortex and subcortical nuclei. It had been established that the level of free serotonin in brain tissue rises during periods of increased permeability of the hematoencephalic barrier. This finding should be correlated with the capacity of drugs of the isonicotinic acid hydrazide class to inhibit monoaminooxidase, which destroys free serotonin. Graph, 11 references (7 Bulgarian, 2 USSR, 2 Western). Russian and English summaries. Manuscript received Jan 64.

2/2

SHEYNKOP, I.M., inst.; KUTUKOV, [illegible], kand.tekhn.nauk; SOKOLOV, A.A., doktor tekhn.nauk

Method of determining the optimum [illegible] of the feeder channel. Stek. i ker. 21 no.10:18-19 O '64.

(MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut stekloplastikov (for Sheynkop, Kutukov). 2. Moskovskiy institut khimicheskogo mashinostroyeniya (for Sokolov).

L 45160-66 EWT(1)/EEC(k)-2/T/EWP(k) IJP(c) WG
ACC NR: AP6031334 SOURCE CODE: UR/0386/66/004/003/0090/0092
46
B

AUTHOR: Sokolov, A. A.; Ternov, I. M.

ORG: Physics Department, Moscow State University im. M. V. Lomonosov (Fizicheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta)

TITLE: Use of an electron synchrotron as a maser 25

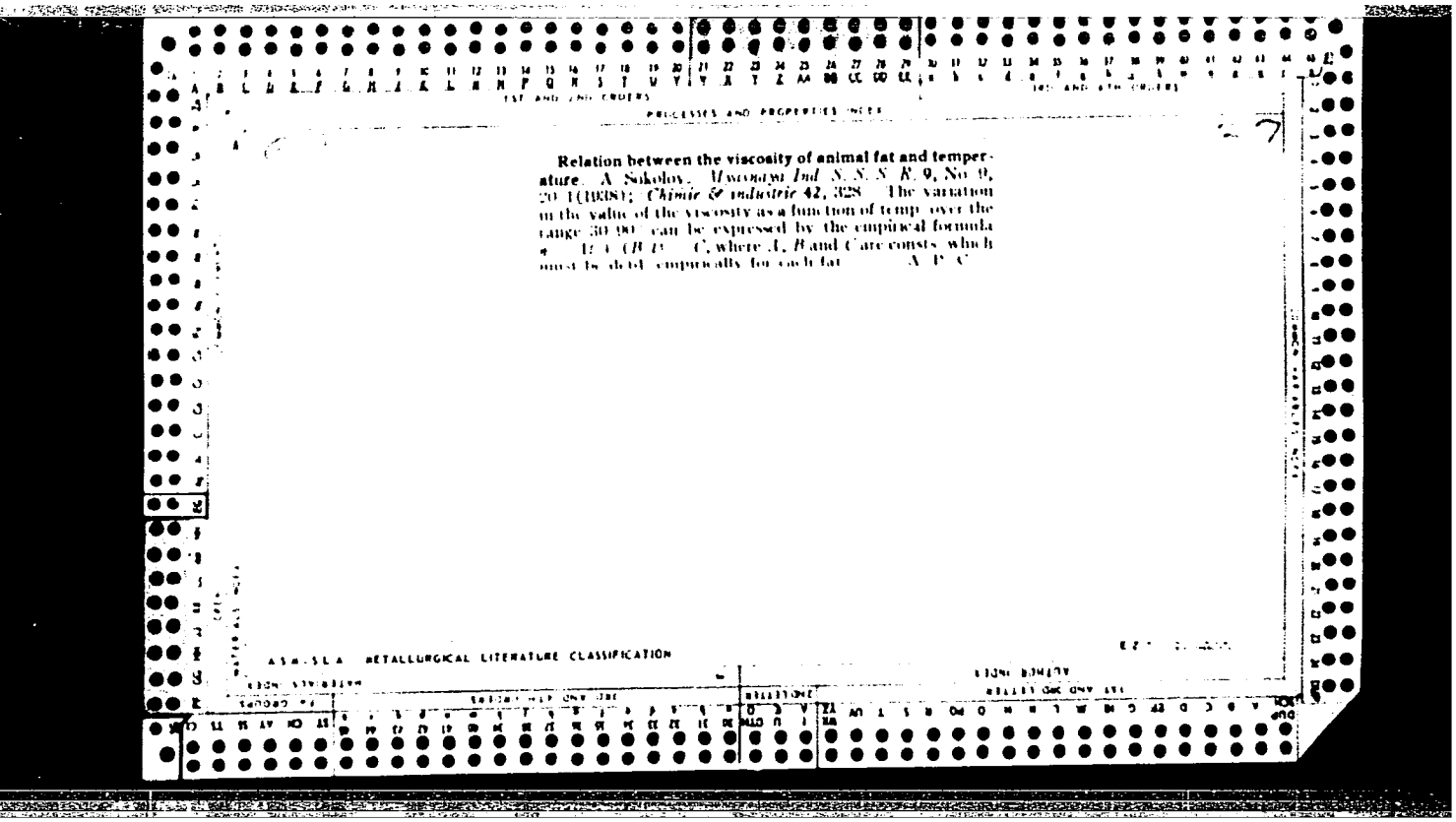
SOURCE: Zh. eksper. i teoret. fiz. Pis'ma v redaktsiyu. Prilozheniye v. 4, no. 3, 1966, 90-92

TOPIC TAGS: synchrotron, stimulated emission, electron accelerator, maser theory

ABSTRACT: The authors show that stimulated emission from electrons moving in a magnetic field is possible in the relativistic case in a definite band of high harmonics corresponding to a certain resonance. The formula for the total power of the stimulated emission and absorption of a given harmonic ν is obtained for an incident electromagnetic wave which is linearly polarized and propagates perpendicular to a constant magnetic field causing cyclic motion of the electron. The values of ν at which stimulated emission will prevail over absorption and which gives a maximum intensity of spontaneous emission are determined. The calculations show that for an accelerator with E ~ 50 Mev the intensification of the emission is possible up to harmonics $\nu < \sqrt{\nu_{max}} \sim 1000$. When $\nu > \sqrt{\nu_{max}}$, to the contrary, the absorption energy begins to exceed the emission energy. This method (in the case of absorption) can also be used to accelerate relativistic electrons in cyclic accelerators. Orig. ar. has: 6 formulas. [02]

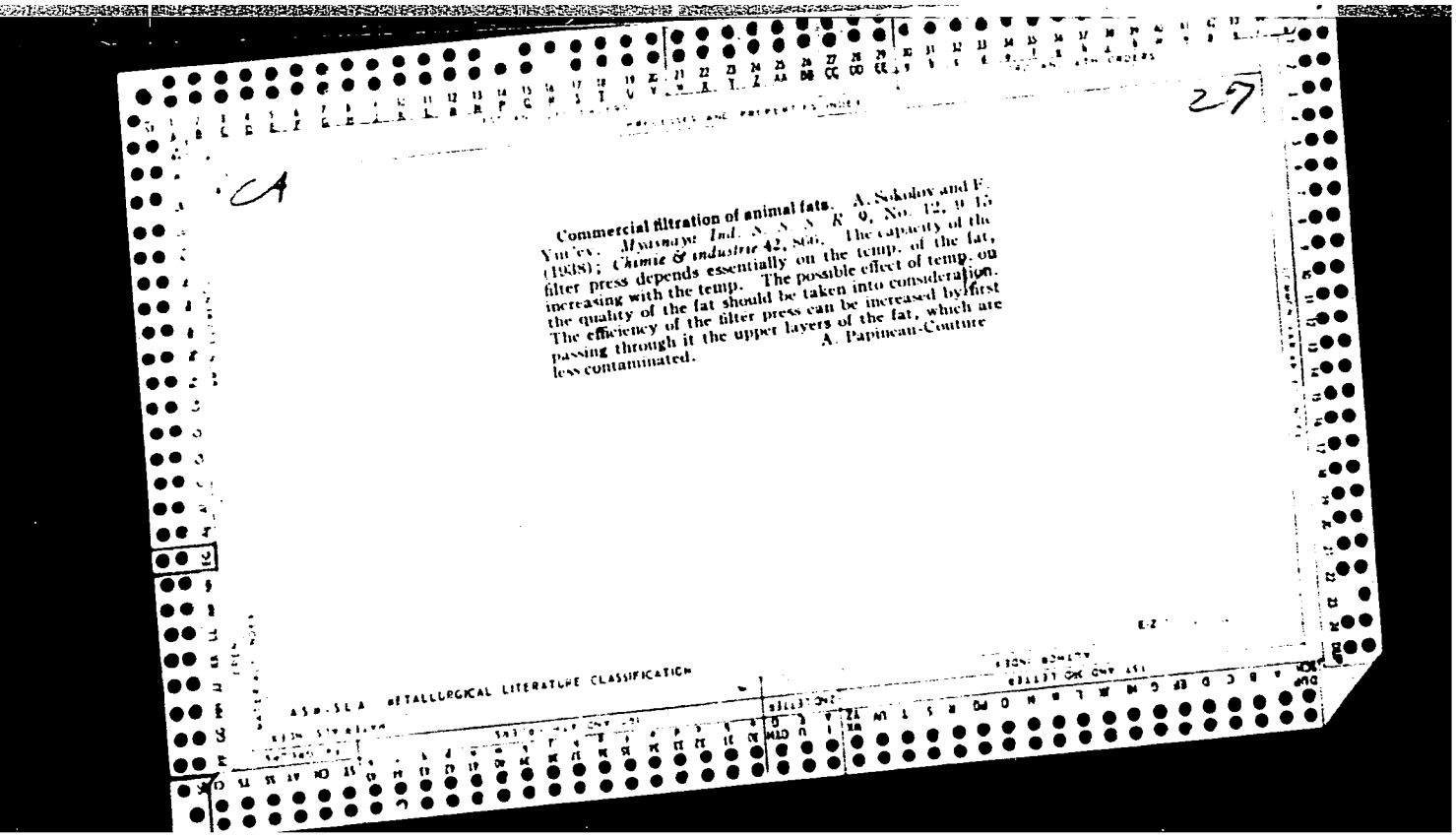
SUB CODE: 20/ SUBM DATE: 23May66/ ORIG REF: 003/ OTH REF: 002/ ATD PRESS: 5081

Card 1/1 awm



Relation between the viscosity of animal fat and temperature. A Sokolov. *Uzvestiya Inst. S. S. S. R.* 9, No. 9, 20 (1938); *Chimie & industrie* 42, 328. The variation in the value of the viscosity as a function of temp. over the range 30-90° can be expressed by the empirical formula $\eta = Ae^{(B/T)} - C$, where A, B and C are consts. which must be detd. empirically for each fat. A. P. C.

A.S.M.-S.L.A. METALLURGICAL LITERATURE CLASSIFICATION



Commercial filtration of animal fats. A. Sokolov and F. Yur'ev. *Myasnaya Ind. S.S.S.R.* 9, No. 12, 9-15 (1938); *Chimie & industrie* 42, 566. The capacity of the filter press depends essentially on the temp. of the fat, increasing with the temp. The possible effect of temp. on the quality of the fat should be taken into consideration. The efficiency of the filter press can be increased by first passing through it the upper layers of the fat, which are less contaminated.

A. Papineau-Couture

Collector for the analytical fat-extraction apparatus. A. Sobolev. *Kozhevenno-Obuvnaya Prom. S. S. S. R.* 19, No. 6, 38-9(1940). After completion of the extn. and removal of the extn. thimble, a collector is attached in place of the thimble to receive the solvent recovered by distn.

A. A. Boehtlingk

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001651930003-3"

SOKOLOV, A. A., Engineer

"Theory and Calculation of the Industrial Filtration of Animal Fats." Sub 7 May 47, Moscow Technological Inst of the Food Industry, Ministry of Higher Education USSR

Dissertations presented for degrees in science and engineering in Moscow in 1947.

SO: Sum.No. 457, 18 Apr 55

CA

27

The chemical characteristic quality of fat. A. Sokolov and E. Mirkin. *Myasnaya Ind. S.S.S.R.* 21, No. 6, 69-70(1950).—The characterization of spoilage is discussed.
M. M. Piskur

1951

The ripening of meat. A. Sokolov. *Myasnaya Ind. S.S.S.R.* **22**, No. 2, 14-17(1951).—The Russian work on postmortem changes in meat is reviewed. Authors of the work reviewed are given, but the references are omitted.
M. M. Piskur

7A

12

Fixation of color of meat during curing. A. Sokolov (Moscow Chem.-Tech. Inst. Meat Ind.). *Myasnaya Ind S.S.S.R.* **22**, No. 4, 81–4(1951).—This contains general information on reaction of nitrites on meat. M. M. P.

SOKOLOV, A.

SOKOLOV, A., kandidat tekhnicheskikh nauk; BOL'SHAKOV, A., kandidat tekhnicheskikh nauk.

The effect of certain technological factors on the rate of salt-curing meat. Mias. Ind. SSSR. 25 no.3:48-49 '54. (MLRA 7:7)
(Meat--Preservation)

BOL'SHAKOV, A., kandidat tekhnicheskikh nauk; SOKOLOV, A., kandidat tekhnicheskikh nauk.

Salting hams in hot brine. Mias.ind. SSSR 25 no.6:20-22 '54. (MLRA 8:1)
(Ham)

SOKOLOV, A.,dots.

Using liquid smoke in manufacturing meat products. Mias. ind.SSSR 30 no.1:15-16 '59. (MIRA 12:4)

1. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy produktsii.

(Meat, Smoked)

KURKO, Vyacheslav Iosifovich, kand.tekhn.nauk; SOKOLOV, A.A., dotsent, kand.tekhn.nauk, spetsred.; IVANOVA, N.M., red.; PEREDERIY, S.P., tekhn.red.

[Physicochemical and chemical principles of the food smoking process] Fiziko-khimicheskie i khimicheskie osnovy kopcheniia. Moskva, Pishchepromizdat, 1960. 222 p.
(MIRA 14:4)

(Meat, Smoked) (Fish, Smoked)

SOKOLOV, Aleksandr Aleksandrovich, dotsent; PAVLOV, Dmitriy Vasil'yevich, dotsent; BOL'SHAKOV, Aleksey Sergeyevich, dotsent; ZHURAVSKAYA, Nina Konstantinovna, dotsent; SHOPENSKIY, Andrey Pavlovich, dotsent; DYKLOP, Eduard Petrovich, dotsent; MANERBERGER, A.A., spetsred.; KORBUT, L.V., red.; SOKOLOVA, I.A., tekhn.red.

[Technology of meat and meat products] Tekhnologiia miasa i miaso-produktov. Moskva, Pishchepromizdat, 1960. 672 p. (MIRA 14:4)

(Meat industry)

SOKOLOV, A., prof.; SOLNTSEVA, G., starshiy nauchnyy sotrudnik; KARAVAYEVA, S.

Measuring the thickness of fat in live swine with the help of supersonic waves. Mias. ind. SSSR 32 no.4:30-31 '61. (MIRA 14:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti.

(Swine)
(Ultrasonic waves--Industrial application)

SOKOLOV, A., prof.; KUKHARKOVA, L.

Processing of hogs in the meat plants of the Polish People's Republic. Mias.ind.SSSR 33 no.5:59-60 '62. (MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti.
(Poland—Pork industry)

SOKOLOV, A.A.; KAMAL', E.Yu.

Effect of temperature and heating time on the hydrolysis of protein substances and amino acid composition of beef broth. Izv.vys.ucheb.zav.; pishch.tekh. no.4:37-42 '62. (MIRA 15:11)

1. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy promyshlennosti, kafedra tekhnologii myasa i myasoproduktov.
(Beef, Canned--Analysis) (Sterilization)

SOKOLOV, A.A.; ZAYAS, Yu.F.

Analyzing the structural and mechanical characteristics of meat stuffing prepared with fat emulsion additives. Izv.vys.-ucheb.zav.; pishch.tekh. no.4:43-48 '62. (MIRA 15:11)

1. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy promyshlennosti, kafedra tekhnologii myasa i myasoproduktov.
(Food--Analysis) (Sausage)

SOKOLOV, A.A.; ZAYAS, Yu.F.

Use of ultrasonic vibrations for obtaining water-fat emulsions; their properties and practical applications. Izv.vys.ucheb.zav.; pishch.tekh. 2:66-71 '62. (MIRA 15:5)

1. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy promyshlennosti, kafedra tekhnologii myasoproduktov.
(Oils and fats) (Ultrasonic waves—Industrial applications) (Emulsions)

SOKOLOV, A.A.; KAMAL' YUSEF, M.

Effect of the temperature and of the duration of sterilization on the tyrptophan content in beef. Vop.pit 21 no.4:82-84 Jl-Ag '62. (MIRA 15:12)

1. Iz kafedry tekhnologii myasa (zav. A.A.Sokolov) Moskovskogo tekhnologicheskogo instituta myasnoy i molochnoy promyshlennosti.
(BEEF) (TRYPTOPHAN) (STERILIZATION)

SOKOLOV, A.A.; EL' DASHLUTY, Mokhamed Samir

Changes occurring in the meat after the slaughtering of the animal. Izv. vys. ucheb. zav.; pishch. tekh. no.4:86-89 '63. (MIRA 16:11)

1. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy promyshlennosti, kafedra tekhnologii myasa i myasoproduktov.

SOKOLOV, A.A.; MOKHAMED SAMIR EL' DASHLUTY

After-slaughter changes in the histological structure of the muscular tissues of mutton. Izv.vys.ucheb.zav.; pishch.tekh. no.5:87-91 '63. (MIRA 16:12)

1. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy promyshlennosti, kafedra tekhnologii myasa i myasoproduktov.

SOKOLOV, A.A.; FAIZOV, K.Sh.

Solonetz soils in the Pavlodar area of the Irtysh Valley. Trudy Inst. pochv. AN Kazakh. SSR 15:66-125 '63. (MIRA 16:12)

SOKOLOV, A., prof.; DASHLUTI, M.S. el'

Effect of the post-mortem changes in meat on its keeping quality. Mias. ind. SSSR 34 no.4:51-52 '63. (MIRA 16:10)

1. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy promyshlennosti.

SOKOLOV, A. A. Cand Med Sci -- (diss) "Data on the pathogenesis of trophic ulcers. (Clinical and experimental study) " Mos, 1956. 14 pp 20 cm. (Min of Health USSR. Central Inst for the Advanced Training of Physicians), 100 copies

(KL, 7-57, 110)

Sokolov, A.A.

T-5

USSR/General Problems of Pathology - Tumors.

Abs Jour : Ref Zhur - Biol., No 3, 1958, 12837

Author : Karnilova, L.D., Sokolov, A.A.

Inst : Not given.

Title : Organismoid Teratoma.

Orig Pub : Tr. Khabarov. med. in-ta, 1955, 14, 194-198

Abstract : Teratomas of the sacro-coccygeal area are predominantly found in young children. Sacral teratomas are usually located in the sacro-coccygeal region and spread to one of the buttocks. Parasacral teratomas spread to anterior surface of the sacrum. The treatment is the earliest possible surgical intervention. A description is given of a successful operation on an 8 month old infant for an organismoid teratoma of the gluteal region.

Card 1/1

SOKOLOV, A.A., assistent

Analysis of the causes of mortality following strangulated hernia and ways of reducing it. Sbor. trud. Kursk. gos. med. inst. no.13: 79-80 '58. (MIRA 14:3)

1. Iz kliniki obshchey khirurgii (zav. - prof. Z.I.Rakhman) Kurskogo gosudarstvennogo meditsinskogo instituta.
(HERNIA) (DEATH-CAUSES)

SOKOLOV, A.A.

Effect of ionizing radiations on preserved blood. Probl. gemat. i perel. krovi 6 no.3:42-44 Mr '61. (MIRA 14:3)
(BLOOD—COLLECTIONS AND PRESERVATION)
(RADIATION—PHYSIOLOGICAL EFFECT)

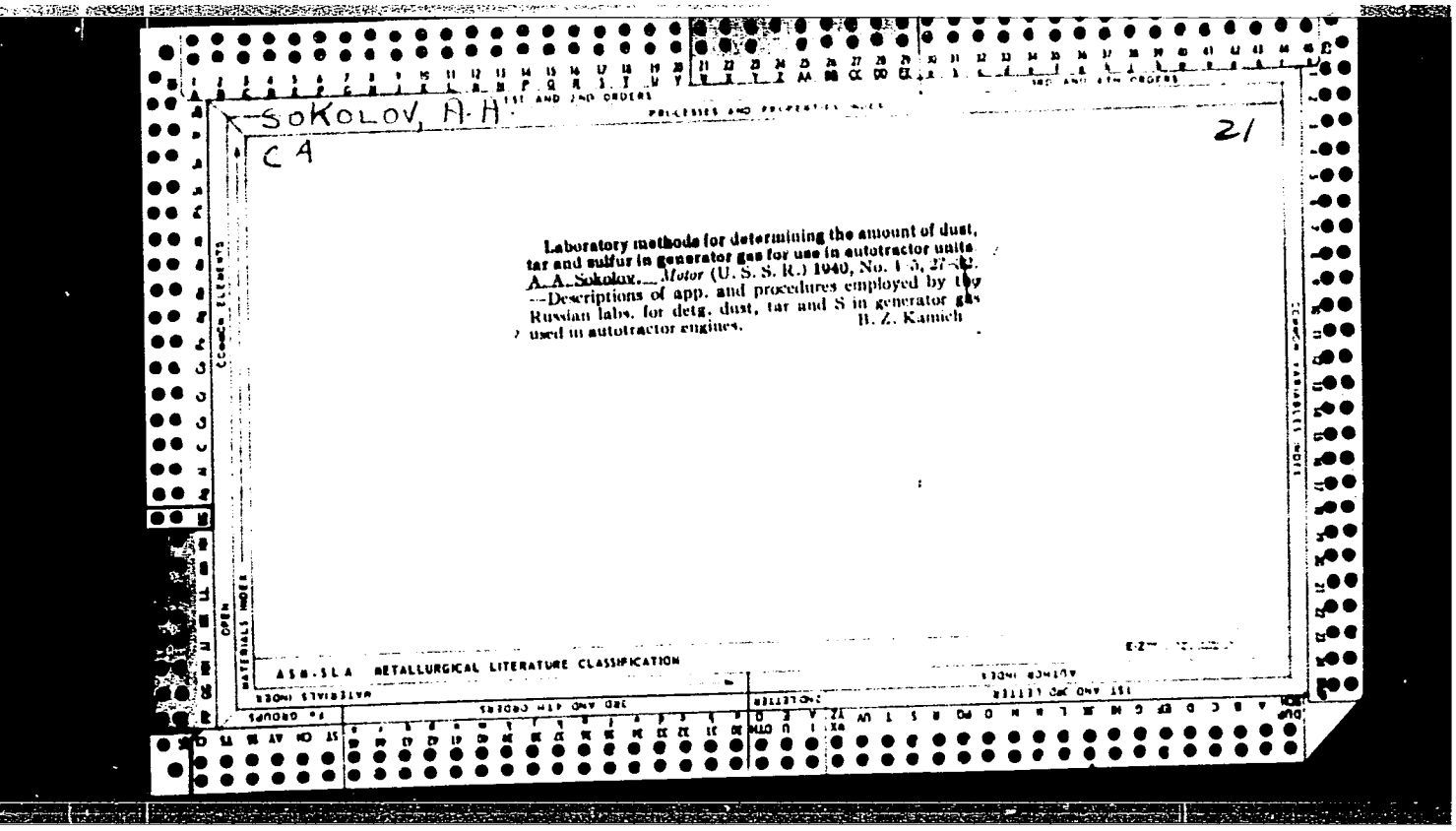
SOKOLOV, A.A.

Three cases of cancer of the small intestine. Sov. med. 25 no.2:128-130 F '62. (MIRA 15:3)

1. Iz kliniki fakul'tetskoy khirurgii (zav. - prof. A.G. Karavanov) Kalininskogo meditsinskogo instituta (dir. - dotsent A.N. Kushnev) na baze Oblastnoy bol'nitsy (glavnyy vrach - zasluzhennyy vrach RSFSR A.A. Sokolov).
(INTESTINES—CANCER)

VISHNEVSKAYA, Iraida Ivanovna; SOKOLOV, Aleksandr Aleksandrovich; KUSTOVA, Ye.A., red.; PRONINA, N.D., tekhn. red.

[Medical care for the rural population at the Kalinin Province Hospital] Meditsinskoe obsluzhivanie sel'skogo naseleniia Kalininskoi oblastnoi bol'nitsy. Moskva, Medgiz, 196?. 106 p. (MIRA 16:10)
(KALININ PROVINCE--HOSPITAL CARE)
(KALININ PROVINCE--MEDICINE, RURAL)



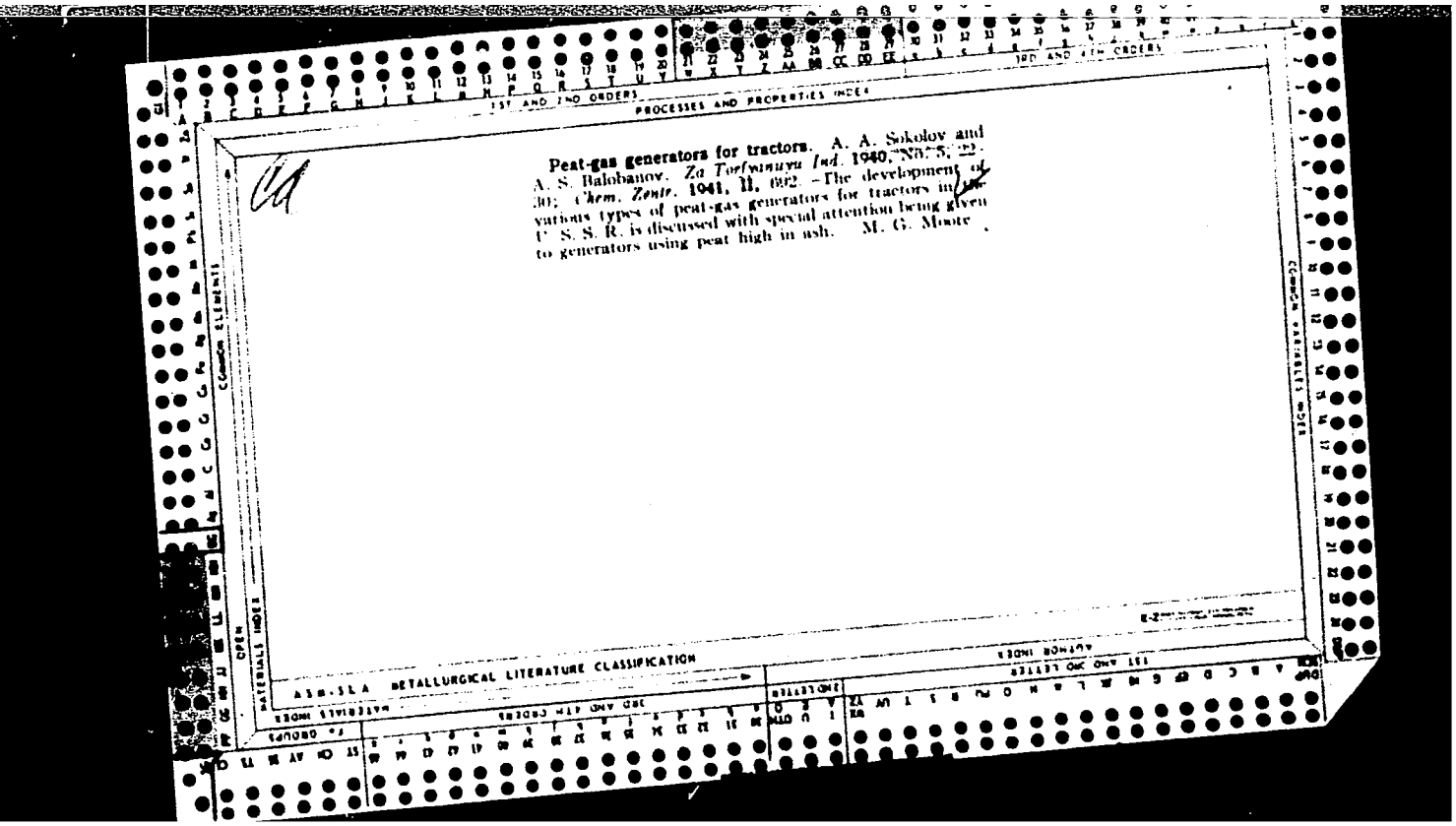
SOKOLOV, A. H.

C 4

21

Laboratory methods for determining the amount of dust, tar and sulfur in generator gas for use in autotractor units. A. A. Sokolov. *Motor* (U. S. S. R.) 1940, No. 1-5, 27-32.
--Descriptions of app. and procedures employed by the Russian labs. for detg. dust, tar and S in generator gas used in autotractor engines. B. Z. Kamieh

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



Peat-gas generators for tractors. A. A. Sokolov and A. S. Balobanov. *Za Torfovuyu Ind.* 1940, No. 5, 22-30; *Chem. Zentr.* 1941, II, 662.—The development of various types of peat-gas generators for tractors in U. S. S. R. is discussed with special attention being given to generators using peat high in ash. M. G. Moore

SOKOLOV, A. A.

FA 23T5

USSR/Engineering
Peat - Production
Fuels, Solid

Sep 1947

"Machinery for Digging Peat," A. A. Sokolov, VNIITP, 2 pp

"Torfyanaya Promyshlennost'" No 9

Factories producing machinery for digging peat must produce some 20 types of machines at a cost of 400 million rubles for the fourth 5-year period. Some of the suggestions for the improvement of work were improvement of the quality of cast steel at Factory "May Day," strengthening the various work brigades with workers who have been qualified under the ORK classification, creation of a Central Bureau for Construction of Peat Digging Machinery, reviewing the machinery now in production, halting production of unnecessary machinery and increasing production of such machinery as the type STZ-NATI swamp tracks for tractors and a stacking recoil cutter.

23T5

SOKOLOV, A. A.

PA-23T47

USSR/Engineering
Tractors
Peat - Production

Sep 1947

"Determination of Specific Pressure and Deterioration of Links in Caterpillar Tracks," A. A. Sokolov, GlavTorf, 3 pp

"Torfyannaya Promyshlennost'" No 9

The author states various mathematical formulas for the determination of the pressure on each link in a caterpillar track with relationship to the weight of the machine which the track supports. Gives diagrams of several types of designs for links and also very briefly deals with the deterioration of the links in a track.

23T47

SOKOLOV, A. A.

"Metallization in Repair Work," Torf. Prom., No. 3, 1948. Engr., Glavtorf MES, -c1948-.

SOKOLOV, A. A.

"The Soviet Peat Industry is Foremost in the World," Torf. Prom., No.6, 1948

SOKOLOV, A. A.

"Elimination of Outdated German Techniques in Soviet Peat Production," Mekh. trud. i tyazh. rab., No.7, 1948

SOKOLOV, A. A., Engr

PA 35/49T41

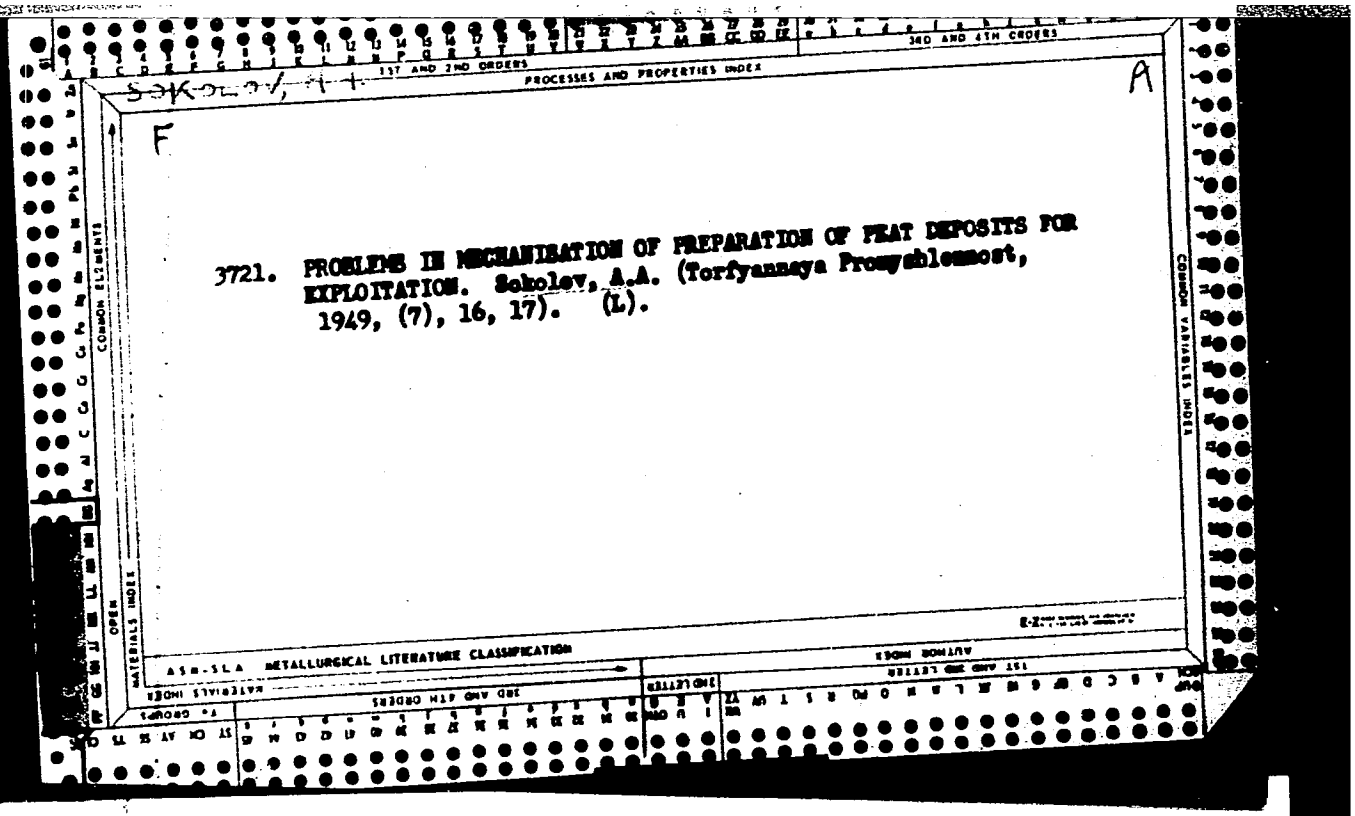
USSR/Engineering Sep 48
Tractors
Tractors - Fuels

"Briquetted Domestic Fuel for Gas-Generating Tractors,' A. A. Sokolov, Engr, 5 pp

"Za Ekonomiyu Topliva" No 9

Briquetting and concentrating low-grade domestic fuel is highly desirable because it will permit widest application of gas-generating tractors, conserve forest resources, and reduce fuel expenditures.

35/49T41



SOKOLOV, A.A.

36124 Pogruzochnyy Kran ili ekskavator na okaravanivanii torta. Torf prom-st', 1949, No. 11, [illegible]

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

A

F

FOUR CL W GRAB FOR LOADING SOD PEAT. Sokolov, A.A. and Neopomnashchii, I. M. (Torf. Prom. (Peat Ind.), July 1951, 12-14). (L)

SOKOLOV, A. A.

4007. [illegible] Sokolov, A. A. (Mekhanizatsiya Trud. i Byzgel. Mavov (Mechanization of Arduous Work). July 1951, 30-32).

immediate source clipping

[illegible], A. A.

[illegible], A. A. -- "Preliminary Design of a Peat Cutting Head for Flow Ditches and the Investigation of the Operating Equipment for Continuous Operations." Sub 25 Jan 50, Moscow Peat Inst (Dissertation for the Degree of Candidate in Technical Sciences)

So: Vechernaya Moskva, January-December 1950

Fuel Abstracts

Natural Solid Fuels A

3108. NEW MACHINES FOR HARVESTING PEAT. Sokolov, A.A. (Mekhanizatsiya Trud. i Tyazhel. Rabot (Mechanization of Arduous Work), May 1952, 45).

SOKOLOV, A. .

Peat Industry

Increasing durability of peat bricks, Torf. prom., 29, No. 7, 1952.

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

SOKOLOV, A. A., Eng.

Peat Industry

Mechanizing the production of peat bricks at small peat enterprises. Mekh.trud. rab. 7, No. 3, 1953.

SO: Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

BEZZUBOV, Nikolay Dmitriyevich; SOKOLOV, Aleksandr Alekseyevich; SHCHEPTEV, N.F., redaktor; VORONIN, K.P., tekhnicheskiy redaktor.

[Winning chunk peat with a MPDK machine] Dobycha kuskovogo torfa mashinoi MPDK. Moskva, Gos. energ. izd-vo, 1955. 95 p. (MLRA 9:4)
(Peat machinery)

SOKOLOV, A.A., inzhener.

Basic principles of the surface-layer method for winning block beat by means of an electric self-propelling peat combine. Trudy Inst.torf. AN BSSR 4:91-95 '55. (MLRA 9:3)
(Peat machinery)

BAUSIN, A.F.; SOKOLOV, A.A.; ANTONOV, V.Ya.; KURDYUMOV, S.V.; BEL'KEVICH, P.I.; SAVINYKH, A.I.; KARAKIN, F.F.; SOLOPOV, S.G.; YEFIMOV, V.S.; YARIVITSIN, V.I.; RABKIN, B.A.; BABARIN, A.F.; MATVEYEV, L.M.; FUNIKOV, S.A.; CHERNENKOV, D.P.; BULAYEVSKIY, N.V.; kandidat tekhnicheskikh nauk; SHINKARINK, K.K.; TSUPROV, S.A.; GINZBURG, L.N.; VASIL'YEV, Yu.K.

Scientific and technical conference on the work of the peat industry of the Ministry of Electric Power Stations. Torf.prom. 32 no.2:1-20 '55. (MLRA 8:5)

1. Zamestitel' ministra elektrostantsiy (for Bausin). 2. Zamestitel' direktora VNIITP (for Sokolov). 3. Zamestitel' direktora MTI (for Antonov. 4.Zamestitel' direktor "'krniimesttopprom"(for Kurdyumov). 5. Direktor Instituta torfa AN BSSR(for Bel'kevich). 6. Nachal'nik Glavenergozapchasti MES(for Savinykh). 7. Glavnyy inzhener Ivanovskogo torfetresta (for Karakin). 8. Zamestitel' direktora MTI (for Solopov) 9. Upravlyayushchiy Shaturskogo torfotresta (for.Yefimov). 10. Glavnyy mekhanik Invanosvkogo torfotresta (for Yarovitsin). 11. Glavnyy mekhanik Leningradskogo torfotresta (for Rabkin). 12. Glavnyy inzhener Ozeretsko-Neplyuyevskogo torfopredpriyatiya (for Babarin). 13. Glavnyy inzhener Gor'kovskogo torfotresta (for Matveyev). 14 Rukovoditel' laboratorii VNIITP (for Funikov). 15. Glavnyy inzhener tresta Lentorfostroy (for Chernenkov).

(Continued on next card)

SOKOLOV, A. A.

63. THE KDN-1 PEAT COMBINE. Sokolov, A.A. (Mekhan. Trud. tyazhel. Rabot (Mech. arduous Wk, Moscow), June 1956, 42). A brief illustrated description is given of a machine which is recommended for small scale operations. It is hung on the back of a tractor and driven by its power take-off. Peat is removed from the field by a side-cutting milling cutter, then passed through a press and two nozzles, from which it falls back on to the field in the form of cylindrical rods.

BEZZUBOV, Nikolay Dmitriyevich; SOKOLOV, Aleksandr Alekseyevich; SHCHEPTEV, N.F., redaktor; LARIONOV, G.Ye., tekhnicheskiy redaktor

[The KDN-2 block peat machine] Dobycha kuskovogo torfa mashinoi KDN-2. Moskva, Gos. energ. izd-vo, 1956. 68 p. (MIRA 10:1)
(Peat machinery)

Sokolov, A.A.

1743. OPERATING RESULTS WITH MPDK-3 (PEAT WINNING) MACHINES IN 1955.
Sokolov, A.A. (Torf. Prom. (Peat Ind., Moscow), 1956, (3), 29, 30).
Mach Eighty of these new machines for winning peat by the "surface-layer" method were in use. They suffered from working on ill prepared surfaces and lack of training for operators, but are regarded as promising. (L).

L

SOV/118-58-1-7/16

AUTHOR: Sokolov, A.A., Candidate of Technical Sciences

TITLE: Improve the Methods of Extracting Peat (Sovershenstvovat' metody dobychi torfa)

PERIODICAL: Mekhanizatsiya trudoyëmkikh i tyazhëlykh rabot, 1958, Nr 1, pp 25-28 (USSR)

ABSTRACT: The Vsesoyuznyy nauchno-issledovatel'skiy institut torfyanoy promyshlennosti - VNIITP (All-Union Scientific Research Institute of the Peat Industry) is designing many machines for the complex mechanization of peat extraction. At present, VNIITP is developing a pneumatic method of removing cut peat. VNIITP has developed peat loading devices and mechanisms ensuring the full mechanization of the peat drying process. In 1955/56, a universal self-propelled machine for turning over, stacking and transposition of peat briquets was tested in the Urals. Furthermore VNIITP has worked out various excavators, among them the widely spread excavator of the type TE-2 equipped with a rear shovel, a drag-line and a grab. For the uprooting of stumps, VNIITP has developed an uprooter RKSh-4 driven by a DT-55, produced by the Ivanovskiy mekhanicheskiy zavod torfyanogo

Card 1/2

SOKOLOV, A.A., kand.tekhn.nauk; YEVSEYEV, V.N., inzh.

Peat winning in Far North regions. Nauch. dokl. vys. shkoly; gor. delo no.3:36-38 '58. (MIRA 11:9)

1.Predstavlena kafedroy tekhnologii dobychi i sushki torfa Moskovskogo torfyanogo instituta.
(Russia, Northern--Peat)

YEVSEYEV, V.N., inzh.; SOKOLOV, A.A., kand. tekhn. nauk

Winning peat for fuel in districts of the Far North. Torf. prom. 35 no. 4:18-20 '58. (MIRA 11:7)

1.Moskovskiy torfyanoy institut.
(Russia, Northern--Peat)

BULYNKO, M.G., dotsent; SOKOLOV, A.A., kand.tekhn.nauk

Mechanical dewatering in track presses of upper peat with a low degree of decomposition. Izv.vys.ucheb.zav.; gor.zhur. no.10: 149-153 '59. (MIRA 13:5)

1. Kalininskiy torfyanoy institut.
(Peat industry)

SOKOLOV, A.A.; BEL'KEVICH, P.I.; CHULYUKOV, M.A.; NIKONOV, M.N.; OZOLINA, Z.D.; TIMOFEYEV, A.V.

Research and experimental designing and prospects for their further development. Torf. prom. 37 no.5:12-18 '60. (MIRA 14:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut torfyanoy promyshelnnosti (for Sokolov). 2. Institut torfa AN BSSR (for Bel'kevich). 3. Kalininskiy torfyanoy institut (for Chulyukov). 4. TSentral'naya torfo-bolotnaya opytnaya stantsiya (for Nikonov). 5. Vsesoyuznyy institut udobreniy i agropochvovedeniya (for Ozolina).

(Peat industry)