VARENTSOV, M.I.; DITMAR, V.I.; LI, A.B.; SHMAKOVA, Ye.I.

Age of rock salt in the diapir structures of the Chu-Sarysu Depression. Dokl. AN SSSR 159 no.2:327-329 N '64.
(MIRA 17:12)

1. Institut geologii i razrabotki goryuchikh iskopayemykh.
2. Chlen-korrespondent AN SSSR (for Varentsov).

VARENTSOV, M.I.; DITMAR, V.I.; LI, A.B.; MAYLIBAYEV, M.M.; FILIP'YEV, G.P.

Structure of the central part of the Chu-Sarysu Depression. Dokl. AN SSSR 166 no.3:671-673 Ja '66. (MIRA 19:1)

1. Institut geologii i razrabotki goryuchikh iskopayemykh; Institut geologicheskikh nauk im. K.I.Satpayeva AN KazSSR i Yuzhno-Kazakhstanskaya nefterazvedochnaya ekspeditsiya. 2. Chlen-korrespondent AN SSSR (for Varentsov). Submitted October 21, 1965.

ACC-NR: AP7004547 SOURCE CODE: UR/0011/66/000/006/0055/0062

AUTHOR: Varentsov, M. I.; Ditmar, V. I.; Li, A. B.

ORG: [Varentsov; Ditmar; Li] Institute of Geology and Exploitation of Fuel Minerals, Moscow (Institut geologii i razrabotki goryuchikh iskopayemykh); [Ditmar; Li] Institute of Geological Sciences AN KazSSR im. Satpayev, Alma-Ata (Institut geologicheskikh nauk AN KazSSR)

TITLE: Principal features of the tectonics[12] and comparative description of the petroleum and gas depressions of Kazakhstan and adjacent regions of middle and central Asia

SOURCE: AN SSSR. Izvestiya. Seriya geologicheskaya, no. 6, 1966, 55-62

TOPIC TAGS: tectonics, earth gravity / Kazakhstan

ABSTRACT: This article briefly describes the characteristics of the structure of the Iliyskaya, Chu-Sarysuyskaya and Kyzylkumskaya depressions, situated in southern and southeastern Kazakhstan, and compares them with the Dzhungarskaya and Tsaydamskaya depressions, situated in the adjacent regions of northewestern China, for the purpose of evaluating their petroleum and gas potentialities. An important aspect of the article is a classification of basins which has been introduced (the area described is shown on a map where this classification is employed). Two main groups of basins are described within folded or platform structures on the basis of such characteristics as: principal stages of development,

UDC: 553.982(575.0+574.5)

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ACC NR: AP7004547

age and composition of the basement and the mountain structures surrounding them and the age, composition and tectonic characteristics of the deposits filling them. For example, the first group of basins is situated within folded or orogenic regions of different ages, later reworked by neotectonic movements, in places with a platform cover. The second group is situated within activated platforms. Depressions of the first group have the following characteristics: They are framed by high-mountain folded structures. The depressions are filled with Mesozoic-Cenozoic, primarily continental deposits, considerably more dislocated along their margins than in their central parts. Tectonically they constitute large megaanticlinoria. Beginning of formation was associated with the final stages of geosynclinal development of the region. Sharp changes of gravity values and other geophysical parameters occur in the central and marginal parts. A similar list of characteristics is given for basins of the second type. [JPRS: 38,460]

SUB CODE: 08 / SUBM DATE: 23Jul65

Card 2/2

VARENTSOV, P.V., kand. tekhn. nauk; GUSAKOVA, L.A., insh.

Investigating compartment and blade-type rotor heads of rotary kilns. Khim. mash. no.2:18-20 Mr-Ap '59. (MIRA 12:7)
(Kilns, Rotary)

82780

SOV/184-59-5-8/17

5.1200

AUTHORS: Varentsov, P.V., Candidate of Technical Sciences, Yufa, M.S., Engineer

TITLE: The Motion of a Layer of Solid Particles in Tubular Rotary Kilns

PERIODICAL: Khimicheskoye mashinostroeniye, 1959, Nr. 5, pp. 22-26 (USSR)

ABSTRACT: An attempt is made to describe the motion of a layer of solid particles in a tubular rotary kiln, using the dimensional analysis to determine the function of different factors affecting the motion of the layer, and to establish conditions of furnace modeling. The law of motion of a layer of solid particles can be expressed as a function of 13 variables:

$\omega_s = f(\omega_g, \gamma_g, \gamma_s, \mu, d_s, D_K, \omega_K, \alpha_K, g, \beta_s, L_K, \varphi_K)$

where: ω_s - velocity of motion of solid particles, m/sec; ω_g - velocity of motion of the gas flow in the kiln, m/sec; γ_g - specific gravity of the gas, kg/m^3; γ_s - specific gravity of solid particles, kg/m^3; μ - gas viscosity, kg/sec · m^2; d_s - dimensions of solid particles, m; D_K - inner diameter of the kiln, m; ω_K - peripheral velocity of rotation of the kiln, m/sec; α_K - angle of inclination of the kiln, degrees; g - gravity acceleration, m/sec^2; β_s - angle of

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repose of solid particles, degrees; L - length of the kiln, m; φ_K - degree of filling of the kiln cross-section, m^2. According to the π -theorem of the dimensional theory, three criteria and six simplexes are derived. The explicit form of functional connection between the similarity criteria was established experimentally. The experiments were carried out using a kiln of 6 m length and 714 mm outer diameter. The inner diameter was 300 and 550 mm, depending upon the test conditions. The gas-fired kiln was equipped with all the necessary instruments and worked according to the counterflow principle. Four materials of different specific gravity were used: unsorted pyrite, crushed marble sand and coke. Each material was divided into four fractions by screen sizing. The average size of particles of each fraction was determined with the "ФР-1" (FR-1) instrument. The angle of repose was determined by the method of Koler (Ref. 11). The mean gas velocity was determined by the primary and secondary air consumption and by the amount of the burned gas. The charging time was twice the time the material stayed in the kiln. The instruments readings were recorded at 30-minute intervals during the second half of the tests. After each test the average stay of the material in the kiln was determined by dividing

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The Motion of a Layer of Solid Particles in Tubular Rotary Kilns

the weight of the discharged material by the average hourly charge. The graph, Figure 6, shows that the gas temperature variation does not affect the velocity of the layer of solid particles and can be expressed by a constant coefficient, depending only on the specific gravity of the material. The maximum difference of the value ω_s/ω_g for coke (specific gravity 1,944 kg/m^3) and unsorted pyrite (specific gravity 4,384 kg/m^3) was about 19%. Consequently, if for these materials one mean coefficient is taken, the maximum error will be 9%. Thus the criterion γ_s/γ_g can be neglected. The graph, Figure 1, shows that the dependence of ω_s/ω_g on L_K/d_s is expressed for different materials by closely spaced horizontal lines. Consequently, the mean velocity of a layer of solid particles is practically independent of the kiln length and the criterion L_K/d_s can be neglected. An equation is derived:

$$\frac{\omega_s}{\omega_K} = m\,Re^{-0.01}\,Ga^{0.33}\left(\frac{d_K}{\beta_s}\right)^{0.66}\left(\frac{\varphi_K}{d_s^2}\right)^{0.08}\left(\frac{D_K}{d_s}\right)^{0.93}$$

where m - coefficient depending on the kiln diameter. The coefficient m was determined experimentally for diameters 0.3 m and 0.55 m. For other diameters, it was computed. The velocity of the material in

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The Motion of a Layer of Solid Particles in Tubular Rotary Kilns

kilns of different diameters was calculated by the formula of Sullivan, Maier and Ralston (Ref. 1), which gives results fairly near to reality. The graph, Figure 9, shows that the experimental values of m are sufficiently close to the curve calculated by the above formula. There are 8 graphs, 1 diagram, 1 table and 11 references: 3 Soviet, 3 German and 5 English.

Card 4/4

YUFA, M.S.; GRIGOR'YEV, G.P.; VARENTSOV, P.V.

Some laws of hydrodynamics of a fluidized bed. Zhur. prikl. khim. 38 no.7:1520-1527 Jl '65. (MIRA 18:7)

VARENTSOV, S.S., geroy Sovetskogo Soyuza, marshal artillerii.

Combat history of Soviet Artillery. Artill. zhur. no.2:6-13 F '58.
(Russia--Army--Artillery) (MIRA 11:3)

VARENTSOV, S., marshal artillerii, Geroy Sovetskogo Soyuza

Fire power of our country. Voen. vest. 40 no.11:10-13 N '60.
(MIRA 14:11)

(World War, 1939-1945)
(Artillery)

VARENTSOV, S.S., Geroy Sovetskogo Soyuza

Artillery in battles to defend the motherland. Voen.znan. 37 no.6:5-6 Je '61. (MIRA 14:6)

1. Glavnyy Marshal artillerii.
(Russia—Army—Artillery)

VARENTSOV, S., glavnyy marshal artillerii

Let's disseminate and adopt the experience of the best rocket launching units. Komm.Vooruzh.Sil 3 no.21:27-32 N '62.
(MIRA 15:10)

(Rockets(Ordnance))

VARENTSOV, S.S., glavnyy marshal artillerii, Geroy Sovetskogo Soyuza

Highly educated soldiers are needed by the army. Voen.znan. 38 no.5:7 My '62. (MIRA 15:5)

(Military education)

VARENTSOV, S., glavnyy marshal artillerii

In the highest combat readiness. Voen. vest. 42 no.11:7-9 N '62. (MIRA 16:10)

(Russia—Army—Artillery)

L 23888-66 EWT(m)/EWA(d)/T/EWP(t) IJP(c) JD

ACC NR: AP6008629 SOURCE CODE: UR/0365/65/001/006/0709/0712

AUTHORS: Bartenev, V. Ya.; Varentsov, V. K.; Gnusin, N. P.

ORG: Institute for Physico-Chemical Bases for Processing of Mineral Raw Materials, Academy of Sciences SSSR, Siberian Section (Institut fiziko-khimicheskikh osnov pererabotki mineral'nogo syr'ya Akademiya nauk SSSR, Sibirskoye otdeleniye)

TITLE: Cadmium plating from a sulfate solution in the presence of sapal

SOURCE: Zashchita metallov, v. 1, no. 6, 1965, 709-712

TOPIC TAGS: cadmium, electroplating, cadmium sulfate, surface active agent, cathode polarization

ABSTRACT: This investigation was conducted to extend the investigations of M. A. Loshkarev and L. V. Mark (Tr. Dnepropetrovskogo khim-tekhn. in-ta, 1958, vyp. 6, 21) and, in particular, to study the effect of surface active agents on the properties of cadmium plating derived from a sulfate plating solution. Sapal, Nekal, detergent DNS, and dispersion agent NF were used as surface active agents. The cathode polarization, covering ability, current yield, and concentration polarization during the process of electroplating of cadmium from an aqueous cadmium sulfate solution were studied as a function of the cadmium ion and of sulfuric acid concentration, and of the nature and concentration of the different surface active agents. The experimental results are presented graphically (see Fig. 1).

UDC: 621.357.7

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L 23888-66

ACC NR: AP6008629

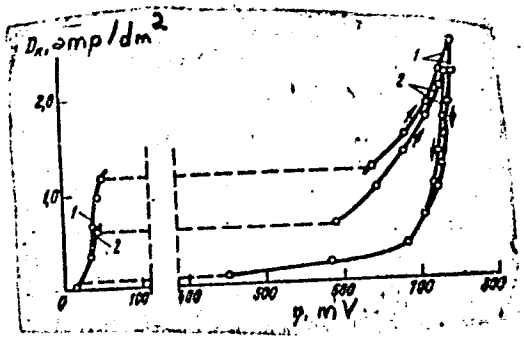


Fig. 1. Dependence of cathodic polarization (η) on the current density for different cadmium concentrations. 1 - $CdSO_4$ = 0.5N, H_2SO_4 = 0.1N, sapal = 2 g/liter; 2 - $CdSO_4$ = 0.25N, H_2SO_4 = 0.1N, sapal = 2 g/liter.

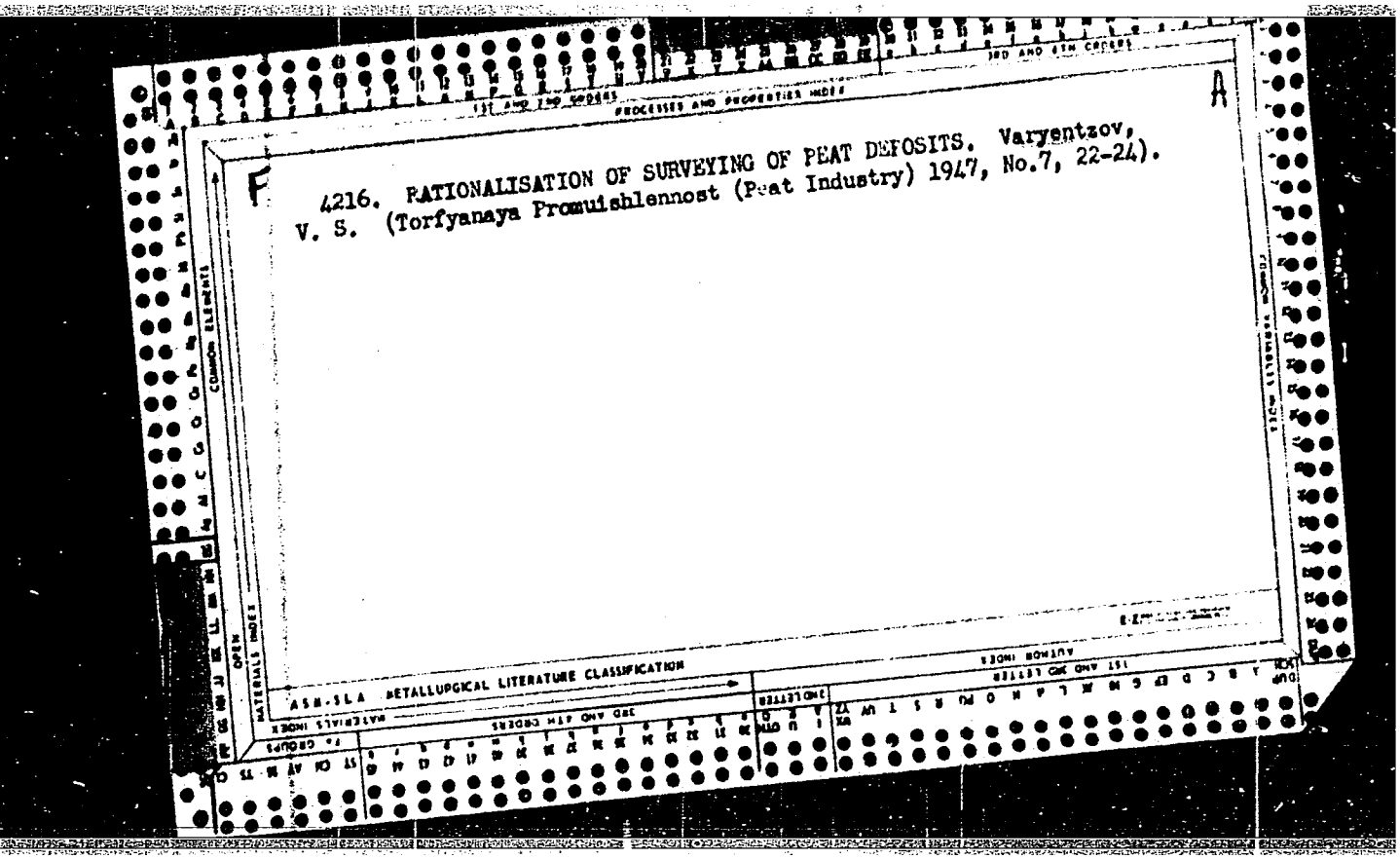
It was found that best results are obtained at the concentration of $CdSO_4$ = concentration of H_2SO_4 = 0.5N; sapal concentration of 5--10 g/liter. Current density $D_k \approx$ 2--3 amp/(decimeter)^2 and temperature 18--20C were used. Orig. art. has: 5 graphs.

SUB CODE: 07/ SUBM DATE: 05Apr65/ ORIG REF: 007

Card 2/2 ddc

OVTSYN, N.K., kand.tekhn.nauk; VARENYSHEV, V.M., inzh.

Trends in the modernization of automatic looms. Tekst.prom. 19
no.4:37-43 Ap '59. (MIRA 12:6)
(Looms)



4216. RATIONALISATION OF SURVEYING OF PEAT DEPOSITS. Varyentzov, V. S. (Torfyanaya Promuishlennost (Peat Industry) 1947, No.7, 22-24).

VARENTSOV, V. S.

25531. VARENTSOV, V. S.

Ob effektivnosti sharovidnogo torfa. (Po povodu stat'i E. P. Semenskogo, B. N. Ozerova i S. A. Sidyakina ((Sharovidnyy torf)), v zhurn. ((Torf. Prom-STB)), 1948, No. 4 S primech. RED.) Torf. Prom-st', 1948, No. 7, s 4-6

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

PA 16/49T53

VARENTSOV, V.

Jul 48

USSR/Engineering
Peat Industry
Peat - Production

"Review of Professor P. F. Dubinskiy and Docent I. I. Kostin's Book, 'Transportation in Industrial Enterprises,'" V. Varentsov, 1 3/4 pp

"Torf Prom" No 7

Unfavorable review of section of subject book on peat transport. Published by Stroyizdat, 1946.

16/49T53

FDB

VARENTSOV, V. S. PA 16/49T50

USSR/Engineering Jul 48
Peat Industry
Peat - Production

"The Value of Ball-Shaped Peat," V. S. Varentsov, Glavtorf MES, 2½ pp

"Torf Prom" No 7

Criticizes article by Semenskiy, Ozerov and Sidyakin on subject in "Torfyanaya Promyshlennost'" No 4, 1948. Concludes that described method is unsuited to large-scale production but may be of use to small enterprises. (Editorial staff does not agree with Varentsov.)

16/49T50

VARENTSOV, V.S.

Peat fuel. Patent U.S.S.R. 76,797, Dec.31, 1949.
(CA 47 no.19:10202 '53)

F A

PRODUCTION EXPX RESULTS OF HYDROPEAT WINNING MACHINE [illegible]. Belova, V.A. and Yerenkov, V.E. (Torf. Prom. (Peat Ind.) July 1962, 17-20).

VARENTSOV, V. S.

Technical Education

Special attention to popular technical literature for workers. Torf. prom 29 no. 2, 1952

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

VARFOLOV, V. S.

Peat Industry

Tasks of the mechanization departments of peat enterprises in 1953. Torf. prom. 30, No. 3, 1953.

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

VARENTSOV, V. S.

Peat Industry

Results of the work of the sections for the mechanization of peat enterprises in 1952. Trof. prom. 30, no. 4, 1953.

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

VARENTSOV, V.S. kandidat tekhnicheskikh nauk, laureat Stalinskoy premii.

Regulation and control of the depth of cutting. Torf. prom. 30 no.6:20-23 Je '53. (MLRA 6:5)

1. Glavnoye upravleniye torfyanoy promyshlennosti. (Peat industry)

VARENTSOV, Vladimir Semenovich; GOREN SHTEYN, Azar Borisovich; PREOBRAZHENSKIY, Valentin Aleksandrovich; CHUBAROV, Nikolay Dmitriyevich; KOLOTUSHKIN, V.I., redaktor; FRIDKIN, A.M., tekhnicheskiy redaktor.

[Milled peat] Frezernyi torf. Moskva, Gos.energ.izd-vo, 1955. 272 p. (Peat)
(MLRA 9:4)

VARENTSOV,V.S.; NOVICHKOV,S.N.

Dependability of the cutter method of peat winning. Torf.prom. 32 no.6:11-15 '55. (MLRA 8:12)

1. Vsesoyuznyy Nauchno-issledovatel'skiy institut torfyanoy promyshlennosti

(Peat industry)

ZYUZIN, F.S.; POLIKARPOV, A.A.; VARENTSOV, V.S., redaktor; SKVORTSOV, I.M., tekhnicheskiy redaktor

[Innovators in peat interprises of the Orekhovo-Zuyevo peat trust] Novatory torfopredpriiatii Orekhovo-Zuevskogo torfotresta. Moskva, Gos. energ. izd-vo, 1956. 31 p. (MIRA 10:2)
(Orekhovo-Zuyevo--Peat industry)

LAZAREV, Aleksandr Vasil'yevich; VARENTSOV, V.S., redaktor; VORONIN, K.P., tekhnicheskiy redaktor.

[Schedule of operations for winning milled peat] Organizatsiia dobychi frezernogo torfa po tsiklovym grafikam. Moskva, Ges. energ. izd-ve, 1956. 102 p. (Peat) (MLRA 9-5)

BELOKOPYTOV, Ignatiy Yeliseyevich;BERESHEVICH, Vladislav Vladislavovich; VARENTSOV, V.S.,redaktor; MEDVEDEV, L.Ya.,tekhnicheskiy redaktor

[Mechanization of selection and separation of samples of peat fuel] Mekhanizatsiia otbora i razdelki prob torfianogo topliva. Moskva, Gos. energ. izd-vo, 1957. 140 p. (MLRA 10:5)
(Peat--Analysis)

BRAGIN, Nikolay Alekseyevich; VARENTSOV, V.S., redaktor; CHERNOV, V.S., tekhnicheskiy redaktor

[Winning milled peat] Dobycha frezernogo torfa. Moskva, Gos. energ.izd-vo, 1957. 191 p. (MIRA 10:8)
(Peat machinery)

VARENTSOV, V.S., kand.tekhn.nauk.

Still unused means for increasing the output of UMT-4 machines.
Torf.prom. 34 no.8:8-11 '57. (MIRA 11:1)

1.Moskovskiy torfyanoy institut.
(Peat machinery)

ZYUZIN, Fedor Stepanovich; YARTSEV, Aleksandr Konstantinovich; VARENTSOV, V.S., redaktor; MEDVEDEV, L.Ya., tekhnicheskiy redaktor

[Repair of peat cutting machines] Remont mashin frezernogo sposoba dobychi torfa. Moskva, Gos.energ.izd-vo, 1957. 239 p. (MLRA 10:10)
(Peat machinery--Maintenance and repair)

VARENTSOV, V.S., kandidat tekhnicheskikh nauk.

[redacted] meteorological indexes for determining the number of cycles of milled peat winning. Torf. prom. 34 no.4:7-11 '57. (MLRA 10:6)

1. Moskovskiy torfyanoy institut.
(Peat industry)

AGAPOV, A.P.; ZHEMCHUZHIN, D.K.; VARENTSOV, V.S., inzh., red.; LARIONOV, G.Ye., tekhn.red.

[Ridging fields for peat winning] Profilirovanie polei dobychi frezernogo torfa. Moskva, Gos.energ.izd-vo, 1958. 28 p. (Peat) (MIRA 12:3)

VARENTSOV, V.S., kand. tekhn. nauk; TOPOL'NITSKIY, N.M., kand. tekhn. nauk

Quality evaluation of the harvesting of milled peat. Torf. prom. no.1:8-10 '58. (MIRA 12:12)
(Peat)

VARENTSOV, V.S., kand.tekhn, nauk

Practice work for students at peat enterprises must be improved.
Torf. prom. 35 no. 35 no.3:27-29 '58. (MIRA 11:5)

1.Moskovskiy torfyanoy institut.
(Peat) (Technical education)

VARENTSOV, V.S.

SIDYAKIN, S.A., kand.tekhn.nauk; VARENTSOV, V.S., red.; SEREBRYANNIKOV, M.I., tekhn.red.

[Drying and winning of lump peat] Sushka i uborka kuskovogo torfa. Moskva, Gos.energ. izd-vo, 1958. 283 p. (MIRA 11:7)
(Peat)

BRAGIN, N.A., inzh.; VARENTSOV, V.S., red.; BOHUNOV, N.I., tekhn.red.

[Technology of the drying and harvesting of block peat] Tekhnologiia sushki i uborki kuskovogo torfa. Moskva, Gos.energ.izd-vo, 1959. 103 p. (MIRA 12:5)

(Peat)

BATURIN, Vasiliy Iosifovich, prof., doktor tekhn.nauk; BERSHADSKIY, Leonid Samoylovich, inzh.. Prinimal uchast'ye SHENFIL', M.B.. VARENTSOV, V.S., red.; BORUNOV, N.I., tekhn.red.

[Organization and planning of the construction of peat enterprises] Organizatsiia i planirovanie stroitel'stva torfopredpriiatii. Moskva, Gos.energ.izd-vo, 1959. 303 p. (MIRA 13:3)
(Peat industry)

VARENTSOV V. S.

ANTONOV, V.Ya., dotsent, kand.tekhn.nauk; BELOVIDOV, I.D., dotsent, kand. tekhn.nauk; BELOKOPYTOV, I.Ye., dotsent, kand.sel'skokhoz.nauk; GORYACHKIN, V.G., prof., doktor.tekhn.nauk; ZYUZIN, V.A., starshiy prepodavatel'; SEMENSKIY, Ye.P., dotsent, kand.tekhn.nauk; CHULYUKOV, M.A., dotsent, kand.tekhn.nauk; VARENTSOV, V.S., dotsent, kand. tekhn.nauk, red.; BORUNOV, N.I., tekhn.red.

[General course in the technology of peat winning] Obshchii kurs tekhnologii torfodobyvaniia. Moskva, Gos.energ.izd-vo, 1959. 339 p. (MIRA 13:2)

1. Chlen-korrespondent AN BSSR (for Goryachkin).
(Peat industry)

SUKHANOV, M.A., inzh.; VARENTSOV, V.S., red.; LARIONOV, G.Ye., tekhn. red.

[Heat insulating materials made from peat] Teploizoliatsionnye materialy iz torfa. Moskva, Gos. energ. izd-vo, 1960. 87 p. (MIRA 14:9)

(Peat) (Insulating materials)

VARENTSOV, V.S., kand.tekhn.nauk

Drying milled peat in larger molded pieces. Torf. prom. 38 no.7:25-26 '61. (MIRA 14:12)

1. Kalinskiy torfyanoy institut.
(Peat)

ABKHAZI, V.I.; ANTONOV, V.Ya.; BELOKOPYTOV, I.Ye.; VARENTSOV, V.S.; GORYACHKIN, V.G.; ZYUZIN, V.A.; KRYUKOV, M.N.; KUZHMAN, G.I.; OZEROV, B.N.; RIVKINA, Kh.I.; SEMENSKIY, Ye.P.; SOKOLOV, A.A.; SOLOPOV, S.G.; STRELKOV, S.S.; TYUREMNOV, S.N.; CHULYUKOV, M.A.

Sergei Alekseevich Sidiakin. Torf.prom. 38 no.2:40 '61. (MIRA 14:3)
(Sidiakin, Sergei Alekseevich, 1897-1960)

ABKHAZI, V.I.; ANTONOV, V.Ya.; BLYUMENBERG, V.V.; VARENTSOV, V.S.; VELLER, M.A.; ZYUZIN, V.A.; IVANOV, V.N.; KUZHMAN, G.I.; LUKIN, A.V.; MATVEYEV, A.M.; OZEROV, B.N.; PAL'TSEV, A.G.; PEROV, N.P.; PROKHOROV, N.I.; RAKOVSKIY, V.Ye.; SEMENSKIY, Ye.P.; SOLOPOV, S.G.; TYUREMNOV, S.N.; TSUPROV, S.A.; CHULYUKOV, M.A.

Viktor Georgievich Goriachkin; obituary. Torf.prom. 39 no.4:40 '62. (MIRA 15:7)

(Goriachkin, Viktor Georgievich, 1893-1962)

VARENTSOV, Vladimir Semenovich, dots.; LAZAREV, Aleksandr Vasil'yevich, dots.; BRAGIN, N.A., inzh., retsenzent; AKSENOV, Ye.A., dots., retsenzent; VASIL'YEV, A.M., dots., retsenzent; NIKIFOROV, V.A., dots., retsenzent; PIMENOV, M.P., dots., retsenzent; SHADURSKIY, P.A., dots., retsenzent; SEMENSKIY, Ye.P., dots., retsenzent; FRIDKIN, L.M., tekhn. red.

[Technology of the production of milled peat]Tekhnologiia proizvodstva frezernogo torfa. Moskva, Gosenergoizdat, 1962. 335 p. (MIRA 15:12)

1. Kalininskiy torfyanoy institut (for Varentsov, Lazarev). 2. Belorusskiy politekhnicheskiy institut (for Aksenov, Vasil'yev, Nikiforov, Pimenov, Shadurskiy).

(Peat)

TARASKIN, V.V., inzh.; OZOLS, G., inzh.; IBRAGIMOV, D.S., inzh.; VARENTSOV, V.S., kand.tekhn.nauk

Discussing the type of tractors and engines for self-propelled machinery for the peat industry. Torf.prom. 39 no.2:27-31 '62. (MIRA 15:5)

1. Baksheyevskoye torfopredpriyatiye Mosoblsovnarkhoza (for Taraskin). 2. Upravleniye toplivnoy promyshelnnosti Soveta narodnogo khozyaystva Latviyskoy SSR (for Ozols). 3. Glavnoye konstruktorskoye byuro Severo-Zapada pri zavode Rigasel'mash (for Ibragimov). 4. Kalininskiy torfyanoy institut (for Varentsov).

(Peat machinery)

VARENTSOV, V.S.

Terminology of the peat industry. Torf.prom. 40 no.5:28-29 '63. (MIRA 16:8)
(Peat industry—Terminology)

ACC NR: AP6029072 SOURCE CODE: UR/0413/66/000/014/0130/0130

INVENTOR: Gnusin, N. P.; Bartenev, V. Ya.; Varentsov, V. K.

ORG: None

TITLE: A method of electrolytic cadmium plating. Class 48, No. 184089 [announced by the Institute of Physicochemical Fundamentals for Conversion of Mineral Raw Materials, Siberian Department, Academy of Sciences SSSR (Institut fiziko-khimicheskikh osnov pererabotki mineral'nogo syr'ya Sibirskogo otdeleniya Akademii nauk SSSR)]

SOURCE: Izobret prom obraz tov zn, no. 14, 1966, 130

TOPIC TAGS: cadmium, electrolytic deposition, metal plating

ABSTRACT: This Author's Certificate introduces a method of electrolytic cadmium plating in an electrolyte based on cadmium sulfate and ammonium sulfate. This procedure results in high quality coatings with excellent adhesion to the base. NF disperser is added to the initial solution. This chemical is the product of condensation of a sodium salt of β-sulfonaphthalenedicarboxylic acid with formaldehyde. Plating is done in an electrolyte with the following ratio of components (in g/ℓ): cadmium sulfate--80; ammonium sulfate--300; NF disperser--35-50 m/ℓ. The process is done at a current density of 1.5 a/dm^2 and a pH of 4.5-5.0.

SUB CODE: 11, 07/ SUBM DATE: 02Mar65

Card 1/1 UDC: 621.357.7:669.738

KHACHATUROV, T.S.. Prinimali uchastiye: BAKULEV, G.D., doktor ekon.nauk; VAYNSHTEYN, B.S.; VARENTSOV, Ya.P.; KLIMENKO, K.I., doktor ekon. nauk; KRASOVSKIY, V.P., kand.ekon.nauk; KURAKOV, I.G.; FERBERG, A.S., kand.ekon.nauk. SHUSTER, A.I., otv.red.; STREL'NIKOVA, M.A., red.; GERASIMOVA, Ye.S., tekhn.red.

[Standard method for determining the economic effectiveness of capital investments and new technology in the national economy of the U.S.S.R.] Tipovaia metodika opredeleniia ekonomicheskoi effektivnosti kapital'nykh vlozhenii i novoi tekhniki v narodnom khoziaistve SSSR. Moskva, Gosplanizdat, 1960. 21 p. (MIRA 13:7)

1. Akademiya nauk SSSR. 2. Chlen-korrespondent Akademii nauk SSSR (for Khachaturov). 3. Institut ekonomiki AN SSSR (for Bakulev, Klimenko). 4. Institut ekonomiki stroitel'stva Akademii stroitel'stva i arkhitektury SSSR (for Vaynshteyn). 5. Gosplan SSSR (for Varentsov). 6. Nauchno-issledovatel'skiy ekonomicheskiy institut Gosplana SSSR (for Krasovskiy). 7. Gosudarstvennyy nauchno-tekhnicheskiy komitet SSSR (for Kurakov). 8. Stroybank SSSR (for Ferberg). 9. Nauchnyy sovet po probleme ekonomicheskoy effektivnosti kapital'nykh vlozheniy i novoy tekhniki (for Shuster).
(Capital investments) (Machinery in industry)

BELOVA, O.I., kand.farm.nauk; VARENTSOVA, K.I., mladshiy nauchnyy sotrudnik

Tincture of Inonotus obliquus. Sbor. nauch. trud. TSANII 3:86-93 '62. (MIRA 16:11)

1. Rukovoditel' laboratorii tekhnologii lekarstvennykh form i galenovykh preparatov TSentral'nogo aptechnogo nauchno-issledovatel'skogo instituta (for Belova).

VARENTSOVA, O.K.,
V. K. PERSHKE, ZhPKh 11, 1450-64 (1938)

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Preliminary results of using the radio wave method in searching for rich ores in mines of the Noril'sk Combine. Uch. zap. SAIGIMSa no.8:159-165 '62. (MIRA 17:1)

1. Noril'skiy gornometallurgicheskiy kombinat.

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Analysis of changes in work requirement and examination of the development of productivity at textile finishing plants. Munka szemle 5 no.9: 4-7 S '61.

VARENYI, Janos

Analysis of the economical production of cylinder printing machines; some experience of the Golberger Textile Finishing Factory. Munka szemle 6 no.11:14-18 N '62.

VARENYI, Janos

Analysis and determination of the time factor in roller printing.
Munka szemle 8 no.12:13-19 D '64.

SMIRNOV, Mikhail Pavlovich, polkovnik; VARENYSHEV, Boris Vasil'yevich, polkovnik; KONKIN, P.I., polkovnik, red.; SOKOLOVA, G.F., tekhn. red.

[Engineer support of tank operations] Inzhenernoe obespechenie deistvii tankov. Moskva, Voenizdat, 1962. 169 p. (MIRA 15:7)

(Military field engineering)
(Tank warfare)

VARENYSHEV, Boris Vasil'yevich, podpolkovnik; IVANCHENKO, Vladimir Yakovlevich, polkovnik; GORCHAKOV, A.D., podpolkovnik, red.; KONOVALOVA, Ye.K., tekhn.red.

[Reconnaissance of enemy military engineering] Inzhenernaia razvedka. Moskva, Voen.izd-vo M-va obor.SSSR, 1959. 126 p. (MIRA 12:12)

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Shuttle shock absorber used on automatic looms. Tekst. prom. 18 no.9:72 S '58. (MIRA 11:10)
(Looms)

NAUMOV, Valerian Aleksandrovich; VARENYSHEV, Viktor Mikhaylovich; IVANOV, P.P., red.; PANKRATOV, A.I., tekhn.red.

[High capacity looms] Vysokoproizvoditel'nye tkatskie stanki. Ivanovo, Ivanovskoe knizhnoe izd-vo, 1959. 115 p. (MIRA 14:1)

(Looms)

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Modernization of the ATK-100 loom. Nauch.-issl.trudy IvNITI 23:49-65 '59. (MIRA 14:4)

(Looms)

OVTSYN, Nikolay Konstantinovich; VARENYSHEV, Viktor Mikhaylovich; ZHUROV, Ivan Ivanovich; IVANOV, P.P., red.; PANKRATOV, A.I., tekhn. red.

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(Looms--Maintenance and repair)

VAREP, E.

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HUDROBIOLOOGILISED UURIMUSED. GIDROBIOLOGICHESKIE ISSLEDOVANIIA.
Tartu, Hungary, n. 1, 1958.

Monthly List of East European Accessions (EEAI) LC, vol. 8, no. 11
November 1959

Uncl.

VAREP, Endel'; TULIK, A., red.; VEBER, T., tekhn. red.

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(Tartu--Description)

KUMARI, E., glav. red.; EILART, J., red.; HANG, E., red.; NIINE,A., red.; VAREP, E., red.; TOOMSALU, E., red.

[Protection and planning of landscapes in the Estonian S.S.R.; reports] Maastike kaitsest ja planeerimisest Eesti NSV-s ; ettekanded. Tartu, Eesti NSV Teaduste Akadeemia, 1964. 151 p. [In Estonian] (MIRA 18:7)

1. Nõupidamine maastike kaitse ja planeerimise küsimistes. Tallinn, 1961.

VARES, A.M.; MONGUSTOVA, R.S.

Early diagnosis and treatment of otoantritis in young children. Pediatriia 37 no.3:45-50 Mr '59. (MIRA 12:4)

1. Iz detskogo otdeleniya (zav. A.M. Vares) Tallinnskoy respublikanskoy bol'nitsy (glavnyy vrach M.G. Smirnova).

(OTITIS MEDIA
otoantritis, early diag. & ther. in young child. (Rus))

VARES, E. YA.

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"The Reaction of the Connective Tissue to Polymethyl Metacrylate and the Reaction of the Periodontal Tissue to Implantation of Artificial Teeth." First Moscow Order of Lenin Medical Inst. Moscow, 1955 (Dissertation for the degree of Candidate in Medical Science)

SO: Knizhnaya letopis' No. 27, 2 July 1955

YELISEYEV, V.G., professor; VARES, E.Ya., aspirant.

Experimental observations of artificial teeth and root implantations. Stomatologiia 35 no.1:50-52 Ja-F '56. (MLRA 9:6)

1. Iz kafedry gistologii i embriologii (zaveduyushchiy professor V.G.Yeliseyev) I Moskovskogo ordena Lenina meditsinskogo instituta (direktor chlen-korrespondent AMN SSSR professor F.F.Talyzin)
(DENTAL PROSTHESIS)

VARES, E.Ya., kandidat meditsinskikh nauk; MITROFANOV, G.G., mladshiy nauchnyy storudnik

Possibility of the use of ultrasonic waves in the treatment of hard tooth substance. Stomatologiia 35 no.2:18-19 Mr-Ap '56. (MLRA 9:8)

1. Iz kafedry khirurgicheskoy stomatologii (zav.-prof. A.I.Yevdokimov) Moskovskogo meditsinskogo stomatologicheskogo instituta (dir.-dotsent G.N.Beletskiy) i kafedry gistologii i embriologii (zav.-prof. V.G.Yeliseyev) I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova (dir.-prof. V.V.Kovanov)
(SUPERSONIC WAVES)
(DENTAL INSTRUMENTS AND APPARATUS)

VARES, E.Ya., starshiy nauchnyy sotrudnik

Preparation of orthodontic apparatus from AKR-"P" plates in combination with acrylic plastics. Trudy Nauch.-issl.inst.stom. no.10:144-149 '62. (MIRA 15:10)
(PLASTICS IN MEDICINE) (ORTHODONTIA--EQUIPMENT AND SUPPLIES)

VARES, E.Ya., starshiy nauchnyy sotrudnik; ZOSHCHUK, O.N., nauchnyy sotrudnik

Change in the mucopolysaccharides in the tissues of the parodontium during the early days of the orthodontic transposition of the teeth; Report No.2. Trudy Nauch.-issl.inst.stom. no.10:183-186 '62. (MIRA 15:10)

(ORTHODONTIA) (POLYSACCHARIDES) (PERIODONTIA)

VARES, L.; SEMENOV, V.

In E.I.Levedev's brigade. Mashinostroitel' no.3:6 Mr '63. (MIRA 16:4)

(Leningrad--Machinery industry)

VARSHCHAGIN, V.N.

Cretaceous coal formation and its role in coal accumulation on the earth. Sov. geol. 3 no.2:83-86 F '60. (MIRA 13:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.
(Coal geology)

VARESHIN, Alekseĭ Mikhaylovich [deceased]; PONOMAREV, Andrey Sergeyevich; DEDKOV, Boris Petrovich; GOL'DSHTEYN, L.Ye., red.; PEVZNER, N.I., red.

[The city of Syzran'; an historical and economic essay] Gorod Syzran'; istoriko-ekonomicheskii ocherk. Kuĭbyshev, Kuĭbyshevskoe knizhnoe izd-vo, 1964. 197 p. (MIRA 17:8)

MIKHAYLOV, P.V.; VARESHIN, I.A.; LUK'YANOV, N.P.

Use of polyacrylamide for yarn sizing. Tekst. prom. 23 no.7: 45-47 Jl '63. (MIRA 16:8)

1. Nachal'nik nauchno-tekhnicheskogo otdela Vsesoyuznogo nauchno-issledovatel'skogo instituta sinteticheskogo volokna (VNIISV), g. Kalinin (for Mikhaylov). 2. Nachal'nik tkatskogo proizvodstva fabriki imeni Vagzhanova (for Vareshin). 3. Glavnyy inzh. Kalininskoy tkatskoy fabriki (for Luk'yanov)
(Sizing (Textile)) (Acrylamide)

VARESHIN, I.A.; MIKHAYLOV, P.V.; GRIBINA, T.K., mladshiy nauchnyy sotrudnik

Size manufactured from the products of the peroxide destruction of polyacrylamide. Tekst. prom. 25 no.12:40-42 D '65.
(MIRA 19:1)

1. Nachal'nik tkatskogo proizvodstva fabriki imeni Vagzhanova (for Vareshin). 2. Predsedatel' Nauchno-tekhnicheskogo obshchestva Vsesoyuznogo nauchno-issledovatel'skogo instituta sinteticheskogo volokna, g. Kalinin (for Mikhaylov). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut sinteticheskogo volokna, g. Kalinin (for Gribina).

VARESHKIN, P.N.; OCHERETNYY, V.A.

Experience in organizing local freight work. Zhel.dor transp. 37 no.6:50-53 Je '56. (MLRA 9:8)

1. Glavnyy inzhener Nizhne-Tagil'skogo otdeleniya Sverdlovskoy dorogi (for Vareshkin); 2. Nachal'nik tekhnicheskogo byuro Nizhne-Tagile'skogo otdeleniya (for Ocheretnyy).
(Railroads--Freight)

GAUSMANOVA, I.; VARETSKAYA, K.; MAYKOVSKIY, Ye.

Use of the adrenocorticotropic hormone in neuropathological clinical practice. Zhur.nevr. i psikh. 56 no.4:288-293 '56. (MLRA 9:7)

1. Klinika nervnykh bolezney Varshavskoy meditsinskoy akademii
(NERVOUS SYSTEM, diseases,
ther., ACTH (Rus))
(ACTH, therapeutic use,
nervous system dis. (Rus))

BELITSER, V.A. [Bielitser, V.O.]; VARETSKAYA, T.V. [Varets'ka, T.V.]

Binding of dyes by proteins in native, denatured and chemically modified states. Ukr.biokhim.zhur. 31 no.2:171-185 '59. (MIRA 12:6)

1. Institute of Biochemistry of the Academy of Sciences of the Ukrainian S.S.R., Kiyev.
(PROTEINS) (STAINS AND STAINING (MICROSCOPY))

VARETSKAYA, T.V. [Varets'ka, T.V.]

Microheterogeneity of fibrinogen. Ukr.biokhim.zhur. 32 no.1: 13-24 '60. (MIRA 13:6)

1. Institute of Biochemistry of the Academy of Sciences of the Ukrainian S.S.R., Kiyev.
(FIBRINOGEN)

VARETSKAYA, T.V. [Varets'ka, T.V.]; RYABOKON', R.M., studentka

Interaction of proteins with bromothymol blue anions. Ukr. biokhim. zhur. 32 no.4:507-515 '60. (MIRA 13:9)

1. Institut biokhimii AN USSR, Kiyev.
(BROMOTHYMOL BLUE) (PROTEINS)

VARETSKAYA, [Varets'ka, T.V.]; LOSEVA, A.L. [Losieva, A.L.]; YATSENKO, V.I.

Determination of the activity of thrombin. Ukr. biokhim. zhur. 33 no;5:657-665 '61. (MIRA 14:10)

1. Institute of Biochemistry of the Academy of Sciences of the Ukrainian S.S.R., Kiyev.

(THROMBIN)

BELITSER, V.A.; KHODOROVA, Ye.L.; VARETSKAYA, T.V.

Proteins involved in the coagulation of blood. Ukr. biokhim. zhur. 33 no.5:753-778 '61. (MIRA 14:10)
(BLOOD--COAGULATION)

VARSHAVSKAYA, T.V. [illegible]

Fibrogen fr. [illegible]

1. Institute of [illegible] the Ukrainian S.S.R.

VARETSKAYA, T.V. [Varetska, T.V.]

Obtaining fibrin monomer and studying some of its properties.
Ukr. biokhim. zhur. 37 no.2:194-206 '65. (MIRA 18:6)

1. Institut biokhimii AN UkrSSR, Kiyev.

VARETSKAYA, T.V. [Varets'ka, T.V.]; [illegible], Ye.A. [Belaznukhina, K.O.]; BELITSER, V.A. [Belitser, V.O.]

Kinetics of the conversion of fibrinogen to fibrin. Ukr. biokhim. zhur. 36 no.1:3-13 '64. (MIRA 17:12)

1. Institute of Biochemistry of the Academy of Sciences of the Ukrainian S.S.R., Kiyev.

BELITSER, V.A. [Bielitser, V.O.]; VARETSKAYA, T.V. [Varets'ka, T.V.]; TARASENKO, L.A. [Tarasenko, L.O.]

Polymerization of fibrin-monomer and its dependence on pH. Ukr.biokhim.zhur. 37 no.5:665-670 '65. (MIRA 18:10)

1. Institut biokhimii AN UkrSSR, Kiyev.

VARETSKIY, Vasiliy Lavrent'yevich [Varets'kyi, V.L.]; BABIY, B.M., kand. yurid.nauk, otv.red.; TIKHONOV, B.V., red.; MATVIYCHUK, O.O., tekhn.red.

[Prewar socialist reforms in the western provinces of the Ukraine] Sotsialistychni peretvorennia u zakhidnykh oblastiakh URSR; v dovoiennyi period. Kyiv, Vyd-vo Akad.nauk URSR, 1960. 296 p. (MIRA 13:8)

(Ukraine, Western--Economic conditions)

SAKHNENKO, Vladimir L'vovich; MAKSIMOVICH, Vadim Aleksandrovich; TROITSKIY, Anatoliy Vasil'yevich; TROCHUN, Ivan Petrovich; POTISHKO, Aleksey Vasil'yevich; AVRAMENKO, Luka Avksent'yevich; [redacted] Mikhaylovich; VITKUP, Ye.B., redaktor; RAYKO, M.Y., redaktor; SAMO-[redacted], Ya.B., vedushchiy redaktor; VAL'CHUK, G.I., vedushchiy redaktor; PATSALYUK, P.M., tekhnicheskiy redaktor

[Atlas of machine parts; mechanical joints and couplings] Atlas detalei mashin; soedineniia i mufty. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1956. 146 p. (MLRA 10:2)
(Couplings) (Welding) (Fastenings)

VAREZHKIN, P.N., inzh.; VINNICHENKO, A.V., inzh.

Progressive methods in dispatch operations. Zhel.dor.transp. 41 no.12:61-65 D '59. (MIRA 13:4)

1. Glavnyy inzhener Nizhne-Tagil'skogo otdeleniya Sverdlovskoy dorogi. 2. Assistent Belorusskogo instituta inzhenerov zheleznodorozhnogo transporta (for Vinnichenko).
(Railroads--Train dispatching)

NEVZOROVA, Z.A., inzh.; KVASHNIN, P.I.; RAPPOPORT, M.A.(g.Nizhniy Tagil); VAREZHKIN, P.N. (g.Nizhniy Tagil)

New developments in the operation of approach tracks and adjacent stations. Zhel.dor.transp. 43 no.4:75-78 Ap '61. (MIRA 14:3)

1. Upravleniye Sverdlovskogo sovnarkhoza, st.Goroblagodatskaya (for Nevzorova). 2. Nachal'nik zheleznodorozhnogo tsekha Kushvinskogo metallurgicheskogo zavoda (for Kvashnin). 3. Nachal'nik tekhnicheskogo otdela upravleniya Sverdlovskoy dorogi (for Rappoport). 4. Glavnyy inzhener Nizhnetagil'skogo otdeleniya Sverdlovskoy dorogi (for Varezhkin).

(Railroads, Industrial)

LESZEK, Tadeusz; WAREZKIN, Vladimir [Varezhkin, Vladimir] (Moskwa, ZSRR)

Apartment building from prefabricated spatial elements in Moscow. Przegl budowl i bud mieszk 33 no. 10:590-593, 605, O '61.

VARFALVI, Gyula (Gyekenyes)

Thanks and criticism. Magy vasut 7 no.7:2 2 Ap '63.

VARFALVI, Gyula (Gyekenyes)

With active participation of trade-union stewards. Magy vasut 8 no.5:2 2 Mr '64.

Q-3

BULGARIA/Farm Animals. Swine

Abs Jour : Ref Zhur - Biol., No 19, 1958, No 88083

Author : Varfarov A., Georgiyev I., Totev S.
Inst : Institute of Animal Husbandry, Bulgarian AS
Title : The State of Swine Breeding and Ways of Its Improvement

Orig Pub : Izv. In-ta zhivotnov"dstva, B"lg. AN, 1957, kn. 8, 65-81

Abstract : In Bulgaria, 45 percent of the total meat production comes from hog husbandry (in 1956). The number of hogs in 1955 was 223.9 percent greater than in 1944, and 127.5 percent greater than in 1948. On the better socialized farms, fertility amounts to over 11 piglets per sow. The following swine breeds are raised in Bulgaria: Bulgarian Improved White (85.2 percent of the entire swine total), Dappled Dermanskaya (0.8 percent), Mangalitsa (3.3 percent), and East Balkan (7.3 percent). A brief description of each of these breeds is provided. In Bulgaria, the breeds are being regionalized and their intercrossing is practiced. Also provided is a description of the selection of swine,

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VARFOLOMEYEV, A.A.

5

Detectors for charged particles with unsupported emulsions. A. A. Varfolomeev. *Uspekhi Fiz. Nauk* 57, 701–13 (1955).—Methods of prepg. and the photographic treatment of thick (several cm.) unsupported photographic layers for detecting unstable particles are discussed. The use of an emulsion camera (Daniel, *et al.*, *Proc. Indian Acad. Sci.* A40, 151(1954)) is particularly stressed. J. R. L.