PLODOWSKI, T.

The problem of reorganization of geologic service. p. 185.

PRZEGLAD GEOLOGICZNY. (Wydawnictwa Geologiczne)
Warszawa, Poland. Vol. 7, No. 4, Apr. 1959.

Monthly list of East European Accessions (EEAI) LC. Vol. 8, No. 7, July 1959

Uncl.

PLODOWSKI, T.

Technical progress in mining and geology in the Five-Year Plan.
Przegl geol 9 no.4:224-225 '61. (EEAI 10:9)

(Geology) (Mining engineering)

PLODOWSKI, Tadeusz, mgr

On the determination of underground water stocks. Gosp wodna 20 no.5:193-194 My '60. (EEAI 9:9)
(Water)

PLODOWSKI, T.

TECHNOLOGY

PERIODICAL: PRZEGLAD GORNICZY. Vol. 14, no. 1, Jan. 1958.

PLODOWSKI, T. The government took into consideration the problem of mining schools. p. 46.

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 4
April 1959, Unclass.

PLODOWSKI, T.

New organizational forms of water management and administration. p.223.

(GOSPODARKA WODNA. Vol. 17, No. 5, May 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 10, October 1957. Uncl.

PŁODOWSKI, T.

Water law, administration, and management. p. 337.

(GOSPODARKA WODNA. Vol. 17, No. 7, July 1957, Warszawa, Poland.)

SO: Monthly List of East European Accessions (EEAL) Lc. vol. 6, No. 10, October 1957. Uncl.

PLODOWSKI, T.

Basic principles of the new mining law. p. 422.
(PRZEGLAD GORNICZY. Vol. 12, no. 11, Nov. 1956, Katowice, Poland.)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957. Uncl.

PLODOWSKI, T.

PLODOWSKI, T. Need for the reform of the mining law. p. 460.

Vol. 11, No. 12, Dec. 1955.
PRZEGLAD GORNICZY
TECHNOLOGY
Poland

So: East European Accession, Vol. 5, No. 5, May 1956

SHEVCHENKO, V., konstruktor (Frunze); LEVENOK, A.; PLODUKHIN, A. (Saransk, Mordovskoy ASSR); NIKHEL'MAN, [redacted]; [redacted], I. (Ivanovo); VETROV, A., mekhanik (stantsiya Novki, Vladimirskaya oblast')

From reader to reader. Tekh.mol. 31 no.2:28-29 '63. (MIRA 16:6)

1. Burinskiy sovkhoz, Kunashakskiy rayon, Chelyabinskaya oblast', (for Nikhel'man).
(Technological innovations)

AVTONOMOV, B.V.; BONDAREV, I.I.; BORISENKO, P.I.; BURLAKA, S.A.; VESELOV, N.D.; ZUBANOV, K.V.; KLIMENKO, G.A.; KOTILEVSKIY, D.G.; KUDISH, A.D.; LAVRENENKO, K.D.; MALYUTIN, N.P.; MARINOV, A.M.; MOLOKANOV, S.I.; PLOGATYREV, A.A.; POBEGAYLO, K.M.; POGAYEVSKIY, V.L.; SAVINYKH, A.I.; SAPOZHNIKOV, F.V.; SERDYUKOV, N.P.; FINOGENOV, Ya.I.; CHALDRANYAN, V.P.; CHULKOV, Ye.I.; SHANIN, V.P.; SHISHOV, V.V.

Ivan Konstantinovich Khivrenko; obituary. Elek.sta. 34 no.2:96 F '63. (MIRA 16:4)
(Khivrenko, Ivan Konstantinovich, 1899-1962)

PLOHOTNIC, S.

RUMANIA/Chemical Technology - Chemical Products and Their Application. Food Industry I-28

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 13977

Author : Plohotnic S.
Title : New Technology of Cattle Butchering

Orig Pub : Rev. ind. aliment. prod. animale, 1956, No 4, 1-5

Abstract : No abstract.

Card 1/1

RUMANIA/Chemical Technology. Chemical Products and Their Applications. Food Industry. H

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 21414

Author : Plohotnic, S.
Inst :
Title : Use of By-products and Wastes of the Meat Industry.

Orig Pub : Techn. noua, 1958, 5, No 174, 3

Abstract : No abstract.

Card : 1/1

H-132

PLOHOTNIC, S.

Rumania/Chemical Technology. Chemical Products and Their Application -- Fats and oils. Waxes. Soap. Detergents. Flotation reagents, I-25

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6401

Author: Plohotnic, S.

Institution: None

Title: Modern Units for the Rendering of Fats

Original Publication: Rev. ind. aliment. prod. animale, 1956, No 2, 5-7

Abstract: Description of the layout of a modern continuous operation unit for the rendering of fats and of the technological process that is used.

Card 1/1

PLOIAE, P.

3

SURNAME, Given Names

Country: Rumania

Academic Degrees:

Affiliation:

Source: Bucharest, Comunicarile Academiei Republicii Populare Romine, Vol X: No 11, 1961, pp 1357-1363.

Data: "Phyllodis of Clover in the Rumanian People's Republic: a Virosis of the Stolbur Group?"

Authors:

SAVULESCU, Alice, Corresponding Member of the Academy of the RPR (Membru Corespondent al Academiei RPR).

PIOAIE, P.

PLOJHAR, F., dr. (Praha-Vinohrady, tr. Wilhelma Piecka 98)

20 years. Cas. lek. cesk. 104 no.18:481-483 7 My '65

1. Ministr zdravotnictvi CSSR.

BARON, L. ; PLOJAR, J.

"Remarks on popular transportation on the Yellow River in Northern China."

p. 391 (Ceskoslovenska ethinograpie) Vol. 5, no. 4, 1957
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

PLOJHAR, J., dr.

Technical development in our health establishments. Nova technika no.11: 483-484 N '60.

1. Ministr zdravotnictvi.

PLOJHAR, J.

On problems arising from the Document on the Development of health care in a socialist society. Cas. lek. cesk. 103 no.25:673-681 19 Je'64

1. Ministr zdravotnictvi.

PLOJHAR, J., Ministr Dr.

New tasks in the new year. Cas. lek. cesk. 91 no.1:1-2 4 Jan 52.

(MEDICINE
in Czech., objectives in society)

PLOJHAR, J.

The health service and peace. Zdravot. rev. 25 no.4:81 20 Ap '50. (CLML 19:2)

1. Author is Minister of Health.

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application--Ceramics. Glass. Binding Materials. Concrete H-13

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 9104

Author : Capek, Z., Plodr, J.

Inst : Not given

Title : Incorrect Opinions on the Expediency of Using Ground Unslaked Lime

Orig Pub: Stavivo, 1958, 36, No 6, 229-231

Abstract: Based on experimental data, it is concluded that solutions are of higher quality than solutions of cement and ground unslaked lime. --G. Kopelyanskiy

Card 1/1

145

J. PLCJHAR

"Address on the Public health document delivered at the Public Health Conference, January 7, 1953." p. 89. CASOPIS LEKARU CESKYCH, Vol. 92, no. 4, Jan. 1953, Praha, Czechoslovakia.)

SO: Monthly List of East European Accessions, L.C., Vol. 2 No. 7, July 1953, Uncl.

Plojhar, J

PLOJHAR J.

Zdravotnictvi mir. /The health service and peace/ Zdravot. rev. 25:4 20 Apr 50 p. 81.

1. Author is Minister of Health.

CZECHOSLOVAKIA

PLOJHAR, Josef, Dr., Minister of Health.

"Speech Opening the Second International Pharmaceutical Congress"

Prague, Casopis Lekaru Ceskych, Vol CII, No 35, 30 August 63, p 946.

Abstract: A brief speech in Latin delivered as an opening address to the Second International Pharmaceutical Congress in Prague on 20 August 1963.

1/1

4

PLOJHAR, Josef, Dr.

Role of Czechoslovakian health services in the third 5-year plan.
Cesk. zdravot. 8 no.1:1-10 F '60.

1. Ministr zdravotnictvi.
(PUBLIC HEALTH)

15

(1)

PLOJHAR, Josef

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: Dr, Minister of Health

Affiliation: Ministry of Health (Ministerstvo zdravotnictvi)

Source: Prague, Rozhledy v Tuberkulose a v Nemocech Plicnich, Vol XXI, No 6, July 61, p 417.

Data: "Seventieth Birthday of Professor Dr. Jaroslav Jedlicka."

54

PLOJHAR, Josef.

A glorious decade. Zdorov'e 1 no.5:25-26 My '55. (MLRA 9:3)

1. Ministr zdravookhraneniya Chekhoslovatskoy Respubliki.
(CZECHOSLOVAKIA--PUBLIC HEALTH)

PLOJHAR, J.

On the 10th anniversary of the Institute for Paramedical Training in Prague. Cas. lek. cesk. 103 no.5[illegible] 28 '64

1. Minister zdravotnictvi.

PLOKH, S. [Plock, S.]; PETTSOL'DT, K. [Petzoldt, K.]

Manufacture of nonwoven textiles on the "Malipol" machine. Tekst.prom. 23 no.4:63-69 Ap '63. (MIRA 16:4)

1. Nauchno-issledovatel'skiy institut tekstil'noy tekhnologii g. Karl-Marks, Germanskaya Demokraticheskaya Respublika.
(Germany, East—Nonwoven fabrics)

PLOKHENKO, P.P., insh.

Using lubricating fluids for wheel bearings of the P-5-35M plow. Mekh. sil'. hosp. [9] no.5:28-29 My '58. (MIRA 11:6)
(Plows) (Lubrication and lubricants)

PLOKHENKO, P.P., inzh.

The PT-2-30 three-blade plough for Solonets and Podzolic soils.
Mekh. sil'. hosp. 9 no. 8:15 Ag '58. (MIRA 11:8)
(Plows)

POPOV, D.N.; PLOKHIKH, B.A.

Mechanized painting and glazing of facing tiles on conveyers. suggested by D.N.Popov, B.A.Plokhikh. Rats.i izobr.predl.v stroi. no.11:75-76 '59. (MIRA 13:3)

1. Rabotniki plitochnogo zavoda, stantsiya Losevo, Khar'kovskogo sovnarkhoza.
(Losevo--Tiles)

GLYUZMAN, A.M.; PLOKHIKH, N.A.

Solution of some plane problems in elelctric prospecting. Izv.AN SSSR.Ser.geofiz. no.7:998-1004 Jl '60. (MIRA 13:7)

1. Sverdlovskiy gornyy institut imeni V.V.Vakhrusheva. (Electric prospecting)

86316
S/049/60/000/007/007/009/XX
E031/E335

3,9100
9,9700

AUTHORS: Glyuzman, A.M. and Plokhikh, N.A.

TITLE: The Solutions of Some Two-dimensional Problems of Geophysical Exploration

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya, 1960, No. 7, pp. 998 - 1004

TEXT: The first problem is that of a linear electrode at the surface of the Earth over a medium consisting of vertical layers. Equations are introduced for the components of the normal field and the current densities on either side of the Earth's surface. The complex Fourier transform

$$\overline{f(u)} = \int_{-\infty}^{+\infty} e^{iux} f(x)dx$$

is applied to solve the integral equations for the current densities, the results being given by equations (11) and (12).

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The Solutions of Some Two-dimensional Problems of Geophysical Exploration

Eq. (14) gives the field strength at the surface. The second problem is that of inclined contact in the field of a linear electrode. The equations for the current densities in the surfaces separating the media are solved by applying the Riemann-Mellin transform

$$\psi(s) = \frac{1}{2\pi i} \int_{u_1-i\infty}^{u_1+i\infty} s^{-\nu-1} F(\nu) d\nu .$$

Having determined the transformed field strength, the inverse transformation is applied. In both these examples special cases are indicated. The last problem is that of a linear electrode at the surface of the Earth over a conducting semicircular

Card 2/3

86316
S/049/60/000/007/007/009/XX
E031/E335

The Solutions of Some Two-dimensional Problems of Geophysical Exploration

cylinder. Consider the field due to a linear electrode in the presence of a conducting wedge. The method of inversion in a circle is used. In the inverse plane a bipolar coordinate system is introduced. Another electrode is placed at the centre of inversion. An expression is given for the potential due to both electrodes. By placing the points of observation along a line passing through the linear electrode and taking into account the Earth-air boundary by doubling the potential function, we obtain the solution of the original problem. There are 5 figures and 1 Soviet reference.

ASSOCIATION: Sverdlovskiy gornyy institut imeni V.V. Vakhrusheva (Sverdlovsk Mining Institute imeni V.V. Vakhrushev)

SUBMITTED: December 28, 1959

Card 3/3

PLOKHIKH, N.A.

Solution of some plane problems in d.c. electric prospecting. Izv. AN SSSR. Ser. geofiz. no.6:750-757 Je '62. (MIRA 15:6)

1. Sverdlovskiy gornyy institut im. V.V.Vakhrusheva.
(Electric prospecting)

PLOKHIKH, P.I.; DOLGOV, Yu.I.

Constructing hyperbolic cooling towers using T-type cranes.
Prom. stroi. 38 no. 12:46-49 '60. (MIRA 13:12)
(Cooling towers) (Cranes, derricks, etc.)

PLOKHIN, A. M.

AID P - 678

Subject : USSR/Electricity

Card 1/1 Pub. 29 - 13/24

Authors : Plokhin, A. M., Foreman, Smirnova, I. V., Eng. and Yemel'yanov, Ya. G., Eng.

Title : New construction of the electric heater in a centrifugal machine

Periodical : Energetik, 7, 22, Jl 1954

Abstract : The new electric heater for the NSM-3 type of centrifugal machine is briefly described and illustrated by a drawing.

Institution : None

Submitted : No date

POLOZHENTSEV, P.A.; PLOKHIKH, V.S.

Ecologic characteristics of the clear-winged moth Aegeria apiformis Cl. Vop. ekol. 7:142-143 '62. (MIRA 16:5)

1. Lesotekhnicheskiy institut, Voronezh.
(Ural Valley--Clearwing moths)
(Ural Valley--Poplar--Diseases and pests)

PLOKIKH, V.S.

Resistance of poplars to the sinuate wood-boring beetles. Vop. ekol. 7:137-138 '62. (MIRA 16:6)

1. Lesotekhnicheskiy institut, Voronezh.
(Orenburg Province--Poplar--Disease and pest resistance)
(Orenburg Province--Borers (Insects))

PLOKHIN, A.M., master; SMIRNOVA, I.V., inzhener; YEMEL'YANOV, Ya.G., inzhener.

New design for the electric heater of a centrifugal machine. Energetik 2 no.7:22 Jl '54. (MLRA 7: 8)
(Electric heating)

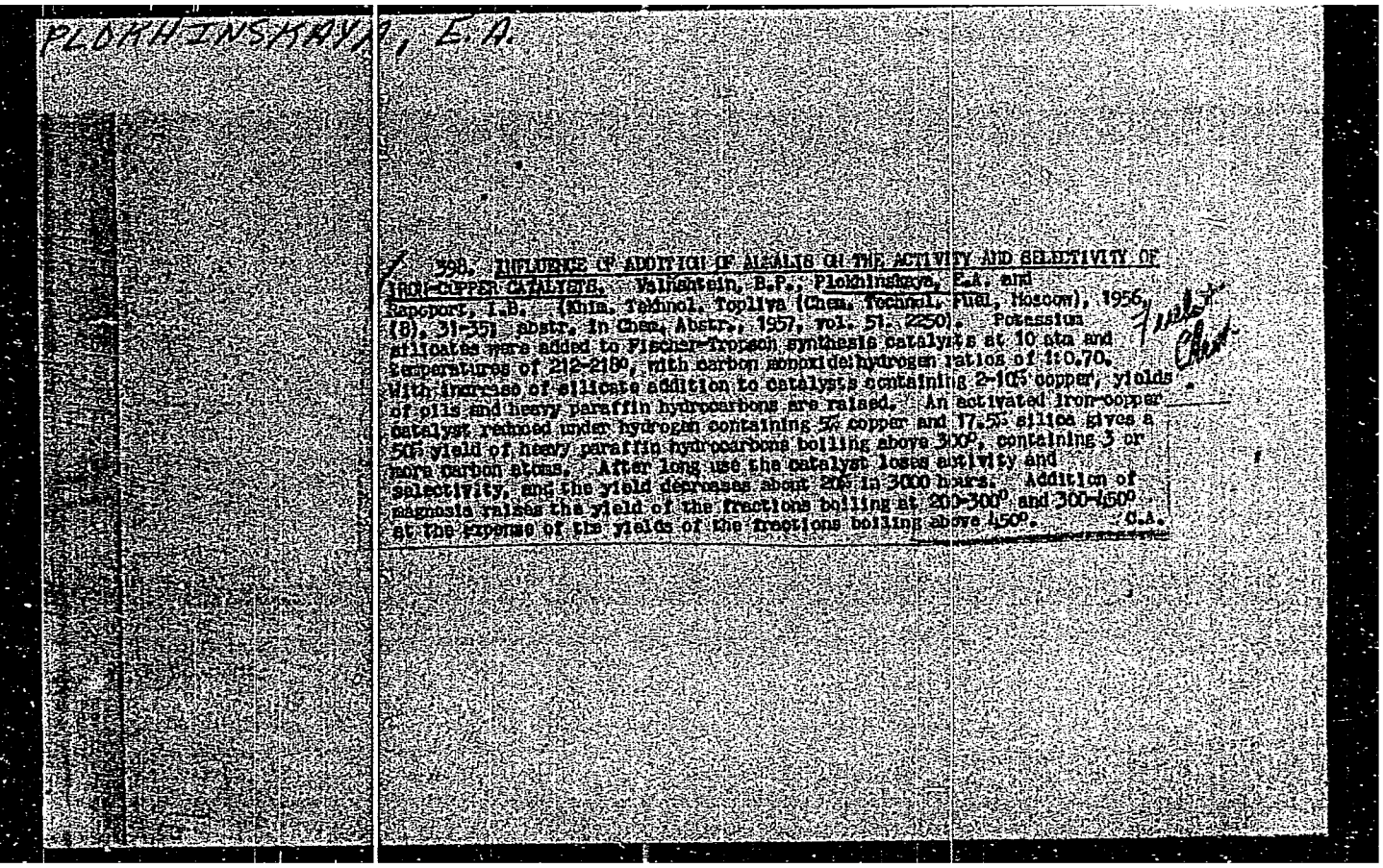
1. PLOKHIN, A.M.; SMIRNOVA, I.V.; EMEL'IANOV, YA.G.

2. USSR (600)

4. Electric Transformers

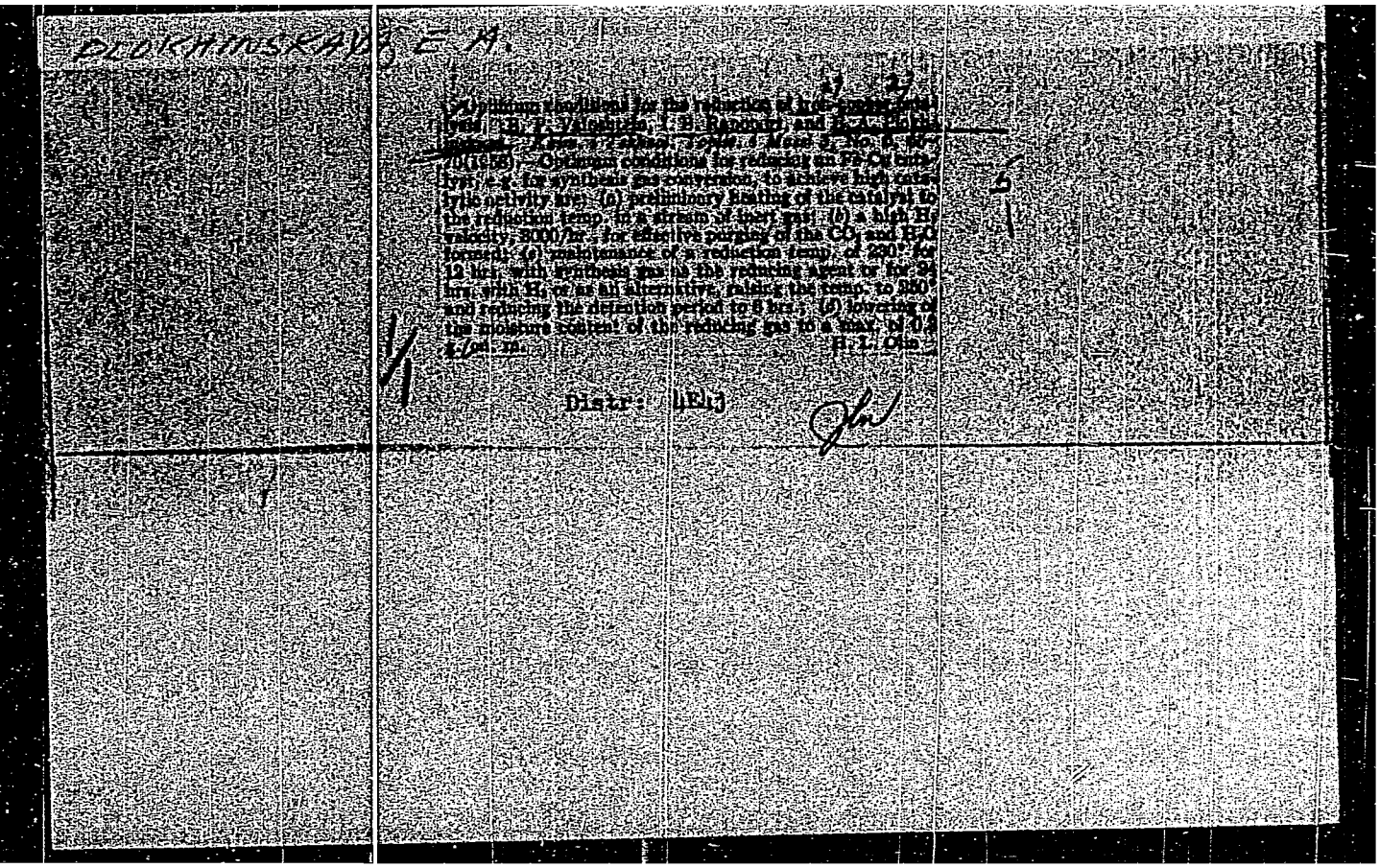
7. Device for measuring ohmic resistance and transforming coefficient of transformers, A.M. Plokhin, Eng. I.V. Smirnova, Eng. Ya. G. Emel'ianov, Rab.energ. 3 no. 3, 1953.

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



PLOKHINSKAYA, E.A.

398. INFLUENCE OF ADDITION OF ALKALIS ON THE ACTIVITY AND SELECTIVITY OF IRON-COPPER CATALYSTS. Valshtein, B.F., Plokhinskaya, E.A., and Rapoport, I.B. (Khim. Tekhnol. Topliva (Chem. Technol. Fuel, Moscow), 1956, (8), 31-35) abstr. in Chem. Abstr., 1957, vol. 51, 2250). Potassium silicates were added to Fischer-Tropsch synthesis catalysts at 10 atm and temperatures of 212-218°, with carbon monoxide:hydrogen ratios of 1:0.70. With increase of silicate addition to catalysts containing 2-10% copper, yields of oils and heavy paraffin hydrocarbons are raised. An activated iron-copper catalyst reduced under hydrogen containing 5% copper and 17.5% silica gives a 50% yield of heavy paraffin hydrocarbons boiling above 300°, containing 3 or more carbon atoms. After long use the catalyst loses activity and selectivity, and the yield decreases about 20% in 3000 hours. Addition of magnesia raises the yield of the fractions boiling at 200-300° and 300-450° at the expense of the yields of the fractions boiling above 450°. -G.A.



Distr: 4Eh

VAYNSHTEYN, B.P.; KRUGLIKOV, V.Ya.; RAPOPORT, I.B.; VASIL'YEVA, Z.A.; KAGAN, L.Kh.; PLOKHINSKAYA, Ye.A.; VOLYNSKIY, A.V.; MUZOVSKIY, V.V.; KLEVTSOVA, V.P.; Prinimali uchastiye: MICHAN, A.I.; KONOVAL'CHIKOV, L.D.; AYNSHTEYN, V.G.; KVASHA, V.B.; CHELYANOVA, D.P.; ZAYTSEVA, A.F.; ANDREYEVA, T.A.

New way to synthesize oxygen compounds from carbon monoxide and hydrogen over iron-copper catalysts. Trudy VNII NP no. 9:177-196 '63. (MIRA 17:6)

Plokhinskaya Ye. A.

USSR/Kinetics - Combustion. Explosions. Topochemistry. Catalysis. B-9

Abs Jour : Referat Zhur - Khimiya, No 6, 1957, 18632

Author : B.P. Vaynshteyn, Ye.A. Plokhinskaya, I.B. Rapoport.
Title : Influence of Alkaline Additions on Activity and Selectivity of Iron-Copper Catalysts. Report I.

Orig Pub : Khimiya i tekhnol topliva, 1956, No 8, 31-35

Abstract : The activity of precipitated iron-copper catalysts (2 to 10% of Cu) in the synthesis reaction of hydrocarbons of CO and H_2 depending on the content of added silicate compounds (I) or MgO in the catalysts was investigated at 212 to 218° and the gauge pressure of 10 atm. The yield of oil and paraffins contained in it rises, if the addition of I was increased by 10 to 20%. Catalysts containing 2 to 5% of Cu and 15 to 20% of I showed a high activity and stability (2800 hours) and yielded a higher amount of liquid and solid hydrocarbons than catalysts with a greater Cu content. Introduction of MgO instead

Card 1/2 - 270 -

SOV/ 65-58-6-12/13

AUTHORS: Vaynshteyn, B. P; Rapoport, I. B. and Plokhinskaya, Ye.A.

TITLE: Investigations of Conditions for the Reduction of an Iron-Copper Catalyst. (K voprosu ob usloviyakh vosstanovleniya zhelezo-mednogo katalizatora).

PERIODICAL: Khimiya i Tekhnologiya Topliv i Masel, 1958, Nr.6. pp. 65 - 70. (USSR).

ABSTRACT: Experiments were carried out and results are given for the reduction of precipitated iron-copper catalysts which are used for the synthesis of hydrocarbons from CO_2 and hydrogen. Reduction was carried out at volume rates of 900 - 6,000 hours^{-1} when the reduction was carried out with synthesis gas from 0.5 - 36 hours, and with hydrogen at volume rate of 3,000 hours^{-1} for varying lengths of time. Investigations were also carried out on the dynamics of decomposition of hydrocarbonates, carbonates and hydrates of metals of the catalyst when heating up to a temperature of reduction. The latter experiments were carried out in conjunction with I. V. Malyshevaya. The catalysts were heated up to reduction temperatures in a current of synthesis gas, hydrogen or nitrogen. It was found that the maximum quantity of CO_2 was separated at 170° - 180°C (Fig.1). The quantity of water

Card 1/3

Investigations of Conditions for the Reduction of an Iron-Copper Catalyst.

separated during the heating of the catalyst to 230°C in a current of hydrogen or nitrogen was shown to be practically equal (Fig.2). It can be observed that the activity of samples of the catalyst heated up to the temperature of reduction in a current of a gas mixture and nitrogen decreases (Fig.3). The effect of the time of reduction of the catalyst in a current of synthesis gas on its activity was investigated. When the time of reduction was increased from 0.5 to 12 hours the yield of synthesis products increased (Fig.4). Results of the effect of various volume rates on the activity of the catalyst show that catalysts, reduced at volume rates of 1500 - 3,000 hours-1 were most active (Fig.5). Tables 1 and 2 give the fractional composition of the synthesis products prepared with the investigated samples of catalysts. Table 3: the dependence of the activity of the catalysts on the time and temperature of reduction at the volume rate of 3,000 hours^{-1}. It was shown that an increase in the temperature of reduction of the catalyst with hydrogen to 250°C makes it possible to reduce the length of the reduction process from 24 to 6 hours whilst maintaining the normal activity

Investigations on Conditions for the Reduction of an Iron-Copper Catalyst.

of the catalyst. Further experiments were carried out on the effect of water vapour on the activity of iron-copper catalysts. These experiments were carried out together with V. P. Khokhlov. The reduction was carried out at 250°C, at atmospheric pressure, when the volume rate of hydrogen = 3,000 hours^{-1}. It was found that the period of processing of 8 - 12 hours at 225°C gave best results. During this time the CO_2 content in the outlet gas = 28% - 34%, which corresponds to a 78% - 82% process of CO. Fig.6: the dependence of the activity of the catalyst on the moisture content in the hydrogen used during the reduction. The moisture content should not be higher than 0.2 - 0.3 g/m^3. There are 6 Figures and 3 Tables.

ASSOCIATION: VNII NP.

Card 3/3

PLOKHINSKAYA, Ye. A.

VAYNSHTEYN, B.P.; PLOKHINSKAYA, Ye.A.; RAPOPORT, I.B.

Effect of alkali additives on the action and selectivity of iron-copper catalysts. Khim.i tekh.topl.no.8:31-35 Ag '56.(MLRA 9:10)

1.Vsesoyuznyy Nauchno-issledovatel'skiy institut Neftyanoy promyshlennosti.
(Catalysts) (Alkalies) (Petroleum products)

PLOKHINSKIY, Aleksey Andreyevich; GRAYEVSKIY, A.M., red.; SUKMANOVA, K.G., tekhn.red.

[Industrial equipment of communist tomorrow] Tekhnika kommunisticheskogo zavtra. Perm', Permskoe knizhnoe izd-vo, 1960. 60 p. (MIRA 14:2)
(Industrial equipment--Technological innovations)

PLOKHINSKIY, N. A., kandidat sel'skokhozyaystvennykh nauk.

New method of determining the degree of over-feeding and under-feeding in cattle. Mias. ind. SSSR 24 no.5:44-49 '53.
(MLRA 6:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promyshlennosti.
(Cattle trade)

PLOKHINSKIY, [redacted] kandidat sel'skokhozyaystvennykh nauk.

New methods for determinig the weight of cattle. Trudy VNIIMS no.6: 192-205 '54. (MLRA 10:8)

(Cattle)

PLOKHINSKIY, N. A., kandidat sel'skokhozyaystvennykh nauk.

Transportation of cattle in Saratov Province. Mias.ind.SSSR 27 no.6:37-39 '56. (MLRA 10:2)
(Saratov Province--Cattle--Transportation)

PLOKHINSKIY, N.A.

Index of a breeding bull and the error of its representativeness. Prim. mat. metod. v biol. no.2:230-233 '63.
(MIRA 16:11)

NESTURKH, M.F.; GLADKOVA, T.D.; PORSHNEV, B.F.; SHAYER, Ye.G.; NIKITYUK, B.A.; PAVLOV, B.K.; DMITRIYEV, Ye.A.; LINKOVSKIY, Zh.B.; PLOKHINSKIY, N.A.; LAVROVA, I.G.; BORISOV, G.V.

Brief news. Biul. MOIP. Otd. biol. 70 no.3:127-140 My-Je '65. (MIRA 18:10)

PLOKHINSKIY, Nikolay Aleksandrovich; DUBININ, N.P., red.; DUBNIK, R.L., red.; MAZUROVA, A.F., tekhn.red.

[Analysis of variance] Dispersionnyi analiz. Pod red. N.P. Dubinina. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1960. 121 p. (MIRA 13:6)

1. Chlen-korrespondent AN SSSR (for Dubinin).
(BIOMATHEMATICS)

PLOKHINSKIY, N.A. (Novosibirsk)

"The Index of the Sire and Its Representative Error"

Report presented at the 3rd Conference on the use of Mathematics in Biology, Leningrad University, 23-28 Jan. 1961.
(Primeneniye matematicheskikh Metodov v Biologii. II, Leningrad, 1963 pp5-11)

PLOKHINSKIY, Nikolay Aleksandrovich; DUBNIK, R.L., red.; MAZUROVA, A.F., tekhn. red.; VYALYKH, A.M., tekhn. red.

[Biometry] Biometriia. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1961. 362 p. (MIRA 15:7)
(Biometry)

PLOKHINSKIY, Nikolay Aleksandrovich, doktor sel'khoz.nauk; NIKORO, Z.S., kand. biol. nauk, otv. red.; ZAYTSEVA, I.P., red.

[Heritability] Nasleduemost'. Novosibirsk, Red.-izd. otdel Sibirskogo ot-niia AN SSSR, 1964. 193 p. (MIRA 18:6)

1. Rukovoditel' laboratorii geneticheskikh osnov selektsii zhivotnykh Instituta tsitologii i genetiki Sibirskogo otdeleniya AN SSSR (for Plokhinskiy).

PLOKHOTNIKOV, A.N.

Use of acoustical logging and the interpretation of its results. Prikl. geofiz. no.38:180-193 '64.
(MIRA 18:11)

DVORKIN, I.L.; ORLINSKIY, B.M.; PLOKHOTNIKOV, A.N.

Radioactive logging of oil wells during the flow production period. Neft. khoz. 38 no.8:19-26 Ag '60. (MIRA 13:8)
(Oil well logging, Radiation)

PLOKHOTNIKOV, A.N.

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PHASE I BOOK EXPLOITATION SOV/5592

Vsesoyuznoye soveshchaniye po vnedreniyu radioaktivnykh izotopov i yadernykh izlucheniy v narodnom khozyaystve SSSR. Riga, 1960.

Radioaktivnyye izotopy i yadernyye izlucheniya v narodnom khozyaystve SSSR; trudy Vsesoyuznogo soveshchaniya 12 - 16 aprelya 1960 g. g. Riga, v 4 tomakh. t. 4: Poiski, razvedka i razrabotka poleznykh iskopayemykh (Radioactive Isotopes and Nuclear Radiation in the National Economy of the USSR; Transactions on the Symposium Held in Riga, April 12 - 16, 1960, in 4 volumes. v. 4: Prospecting, Surveying, and Mining of Mineral Deposits) Moscow, Gostoptekhizdat, 1961. 284 p. 3,640 copies printed.

Sponsoring Agency: Gosudarstvennyy nauchno-tekhnicheskiy komitet Soveta Ministrov SSSR. Gosudarstvennyy komitet Soveta Ministrov SSSR po ispol'zovaniyu atomnoy energii

Eds. (Title page): N. A. Petrov, L. I. Petrenko, and P. S. Savitskiy; ed. of this volume: M. A. Speranskiy; Scientific ed.: M. A. Speranskiy; Executive Eds.: N. N. Kuz'mina and A. G. Ionel';

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Radioactive Isotopes and Nuclear (Cont.) SOV/5592

Tech. Ed.: A. S. Polosina.

PURPOSE : The book is intended for engineers and technicians dealing with the problems involved in the application of radioactive isotopes and nuclear radiation.

COVERAGE: This collection of 39 articles is Vol. 4 of the Transactions of the All-Union Conference of the Introduction of Radioactive Isotopes and Nuclear Reactions in the National Economy of the USSR. The Conference was called by the Gosudarstvennyy nauchno-tekhnicheskiy komitet Soveta Ministrov SSSR (State Scientific-Technical Committee of the Council of Ministers of the USSR), Academy of Sciences USSR, Gosplan SSSR (State Planning Committee of the Council of Ministers of the USSR), Gosudarstvennyy komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroyeniyu (State Committee of the Council of Ministers of the USSR for Automation and Machine Building), and the Council of Ministers of the Latvian SSR. The reports summarized in this publication deal with the advantages, prospects, and

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development of radioactive methods used in prospecting, surveying, and mining of ores. Individual reports present the results of the latest scientific research on the development and improvement of the theory, methodology, and technology of radiometric investigations. Application of radioactive methods in the field of engineering geology, hydrology, and the control of ore enrichment processes is analyzed. No personalities are mentioned. There are no references.

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(MLRA 10:8)

1.Kommercheskiy direktor Minskogo univermaga (for Plokhotnikov).
2.Zamestitel' nachal'nika torgovozakupochnoy bazy dorursa Belorusskoy zheleznoy dorogi (for Shul'man).
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PLOKHOTNIKOV, V.A.

PLOKHOTNIKOV, V.A., inzhener.

Mechanic V.V. Mosin. Mashinostroitel' no.11:23 N '57. (MIRA 10:10)
(Mosin, Viktor Vasil'evich)

OSTROUMOV, V.V.; PLOKHOTNIKOVA, I.F.

Deposition of copper from acid electrolytes by means of periodically reversing current. Zhur. prikl. khim. 31 no.10:1520-1526 O '58. (MIRA 12:1)

(Copper plating)

OSTROUMOV, V.V.; PLOKHOTNIKOVA, I.F.

Effect of a chlorine ion admixture on the copper plating process using periodically reversed current. Zhur.prikl.khim. 31 no.11: 1668-1673 N '58. (MIRA 12:2)

(Copper plating) (Chlorine)

AUTHORS: Ostroumov, V.V., Plokhotnikova, I.F. SOV/80-32-2-14/56

TITLE: Some Properties of Electrolytic Copper Precipitates Separated From Acid Electrolytes by Means of Periodically Reversing Current (Nekotoryye svoystva elektroliticheskikh osadkov medi, vydelennykh iz kislykh elektrolitov s pomoshch'yu periodicheski obrashchayemogo toka)

PERIODICAL: Zhurnal prikladnoy khimii, 1959, Vol XXXII, Nr 2, pp 317-320 (USSR)

ABSTRACT: This investigation is a continuation of the previous ones [Ref. 1, 2]. The electrolyte contained 200 g/l of copper sulfate and 100 g/l of sulfuric acid. The copper was precipitated on a polished brass surface. If d-c of 80 mA/cm^2 was used, the precipitate had a crystalline structure (Figure 1, a). At a-c of the same density the precipitate is of regular order (Figure 1, b). The first layers are oriented perpendicularly to the electrode plane (Figure 2, a). The copper layers precipitated by a-c have a fibrous structure (Figure 2, b). The sublayers have a determining influence on the structure of the precipitates to a thickness of 5 - 10 μ (Figure 3). The introduction of chlorine ions into the electrolyte at a concentration of 10 - 20 mg/l destroys the

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Some Properties of Electrolytic Copper Precipitates Separated from Acid Electrolytes by Means of Periodically Reversing Current

process of shining precipitate formation. The hardness of the layers formed by d-c of 20 mA/cm^2 is 100 kg/mm^2 and rises to 180 kg/mm^2 at 200 mA/cm^2.
There are 5 photographs, 1 graph, and 2 Soviet references.

SUBMITTED: April 1, 1957

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SAVINKOVA, Ye.I.; LUR'I, I.S.; YANKOVSKIY, V.R.; Prinimali uchastiye: TASHKINOVA, L.V.; ANDREYEVA, R.A.; SAPEVINA, T.G.; PLOTNIKOVA, S.P.

Graphical calculation of crystallization of potassium chloride according to the stages of a vacuum crystallizer. Zhur. prikl. khim. 36 no.11:2544-2547 N '63. (MIRA 17:1)

1. Ural'skiy politekhnicheskiy institut imeni Kirova i Bereznikovskiy kaliynyy kombinat.

PLOKHOTSKIY, M.A., kand. tekhn. nauk; IVANOV, Ye.R., kand. tekhn. nauk

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(MIRA 18:10)

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Rapid track indicator car. Put' i put. khoz. no.2:9 F '57.
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PLOKHOTSKIY, M.A., kandidat tekhnicheskikh nauk; YAKOVLEV, V.A., inzhener.

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Viktor Nikolaevich Fomin, 1904- ; on his 60th birthday. Svetotekhnika 10 no.11:30 N '64. (MIRA 17:12)

PLOKHOV, A.

Your eye is a diamond. Grazhd. av. 22 no. 10:27-28 O '65.
(MIRA 18:12)

1. Vneshtatnyy korrespondent zhurnala "Grazhdanskaya aviatsiya".

PLOKHOV, A.

The problem of a club or talents without admirers. Grazhd. av. 22 no.6:26 Je '65. (MIRA 18:6)

1. Vneshtatnyy korrespondent zhurnala "Granzhdanskaya aviatsiya".

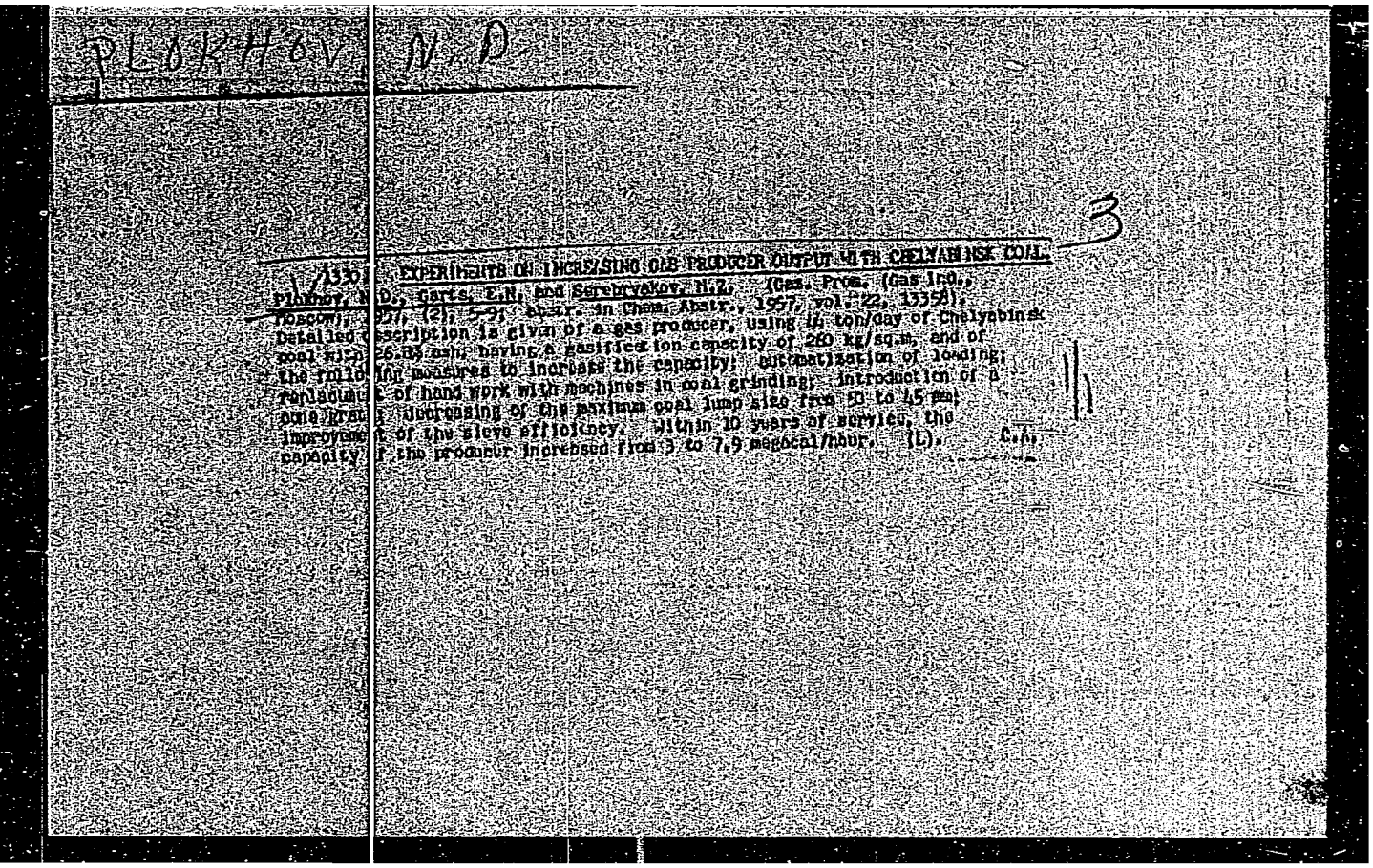
PLOKHOV, Aleksandr Aleksandrovich; FILIPPOVA, E., red.

[Establishing norms for working capital in an enterprise] Normirovanie oborotnykh sredstv na predpriiatii. Moskva, Finansy, 1965. 66 p. (MIRA 18:9)

PLOKHOV, B.G. (Reviewer)

ZAKHAROV, V.P.; GULYAYEV, A.P., professor, doktor tekhnicheskikh nauk, retsenzent; PLOKHOV, B.G., inzhener, retsenzent; DUGINA, N.A., tekhnicheskikh redaktor

[The universal heat-treatment furnace operator] Termist-universal. Izd. 3-e. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroitel'noi lit-ry, 1954. 240 p. (MLRA 8:4)
(Steel--Heat treatment)



PLOKHOV, N. D.

EXPERIMENTS ON INCREASING GAS PRODUCER OUTPUT WITH CHELYABINSK COAL.

Plokhov, N. D., Gerts, E.N. and Serebryakov, N.Z. (Gas. Proc. (Gas Ind., Moscow), 1957, (2), 5-9; Chem. Abstr., 1957, vol. 22, 13358).

Detailed description is given of a gas producer, using 14 ton/day of Chelyabinsk coal with 26.8% ash, having a gasification capacity of 260 kg/sq.m. and of the following measures to increase the capacity: automatization of loading; replacement of hand work with machines in coal grinding; introduction of a device for decreasing of the maximum coal lump size from 50 to 45 mm; improvement of the sieve efficiency. Within 10 years of service, the capacity of the producer increased from 5 to 7.9 megacal/hour. (L). C.A.

PLOKHOV, N.D.; GARTTS, Ye.N.; SHREBYAKOV, M.Z.

Increasing the capacity of gas producers using Chelyabinsk Coal. Gaz prom. no.2:5-8 F '57. (MLRA 10:3)
(Gas producers)

PLOKHOV, S.

Dumping unit for motortruck trains. Avt.transp. 37 no.4:50 Ap '59. (MIRA 12:6)
(Loading and unloading)

PLOKHOV, Sergey Grigor'yevich; PRIKHOD'KO, S., red.

[Efficient organization of grain transportation] Ratsional'naia organizatsiia transporta na perevozkakh zerna. Alma-Ata, Kazakhskoe gos.izd-vo, 1964. 105 p. (MIRA 17:5)

1. Zamestitel' direktora Nauchno-issledovatel'skogo i proyektnogo instituta avtomobil'nogo transporta Kazakhskoy SSR (for Plokhov).

BEME, Yevgeniy Leonidovich; VINOKUROV, Aleksey Konstantinovich; GERASIMOV, Vadim Yakovlevich; MOROZOV, Vladimir Nikolayevich; PLOKHOV, Sergey Grigor'yevich; LOPUKHOV, Mikhail Grigor'yevich; SUDAKOV, Vladimir Stepanovich; SAVICH, M.P., red.; NAGIBIN, P.A., tekhn. red.

[Driver's manual]Spravochnik shofera. Sost. E.L.Beme i dr. Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 439 p. (MIRA 15:6)
(Motor vehicles--Handbooks, manuals, etc.)
(Transportation, Automotive--Handbooks, manuals, etc.)

SOKOLOVSKIY, V.V.; PLOKHOV, V.G.

Preparation of extra pure lead. TSvet. met. 37 no.6:76-78 Je '64.
(MIRA 17:9)

ACCESSION NR: AP4040502 S/0136/64/000/006/0076/0078

AUTHOR: Sokolovskiy, V. V.; Plokhov, V. G.

TITLE: Extraction of ultrahigh-purity lead

SOURCE: Tsvetnyye metally*, no. 6, 1964, 76-78

TOPIC TAGS: lead, high purity lead, refined lead, lead purification, lead refining

ABSTRACT: In an attempt to obtain ultrahigh-purity lead, cathodic lead, prerefined with calcium and magnesium to a bismuth content of 0.0021—0.0027%, was additionally refined by adding metallic antimony and elementary sulfur. Antimony in the amount of 0.035% was added at 360C, and an equal amount of sulfur was subsequently added at 330C. The addition of these reagents lowered the bismuth content to 0.0004—0.0009%. Under production conditions the refining yielded 51.7—53% of refined metal with a purity of 99.99907%, in which the content of individual contaminants did not exceed $1 \cdot 10^{-5}$%. It was

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ALDATOV, T.M.; ANATOL'YEVSKIY, P.A.; ANOKHINA, K.T.; GRECHKIN, P.M.; PLOKHOV, V.I.; YAKOVLEV, A.I.; VOLNYANSKIY, A.K., glavnyy red.; PLOTNIKOV, N.A., prof., doktor tekhn.nauk, zasluzhennyy deyatel' nauk RSFSR, red.; KAZ'MIN-BALASHOV, A.I., inzh., nauchnyy red.; SOKOLOV, D.V., red.; TARAN, V.D., red.; SEREBRENNIKOV, S.S., red.; MIKHAYLOV, K.A., red.; STAROVEROV, I.G., red.; VOLODIN, V.Ye., red.; NIKOLAYEVSKIY, Ye.Ya., red.; SHERSHUKOVA, M.A., red.izd-va; TEMKINA, Ye.L., tekhn.red.

[Manual for specialized work; design and construction of water-supply wells] Spravochnik po spetsial'nym rabotam; proektirovanie i sooruzhenie skvazhin dlia vodosnabzheniia. Pod obshchei red. N.A.Plotnikova. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1960. 235 p. (MIRA 14:6)

1. Gosudarstvennyy institut po proyektirovaniyu spetsial'nykh sooruzheniy promyshlennogo stroitel'stva.
(Wells)

DUBROVSKIY, Viktor Viktorovich; KERCHENSKIY, Mikhail Mikhaylovich; LEBEDEV, Konstantin Petrovich; PLOKHOV, Vladimir Ivanovich; SAVINA, Z.A., vedushchiy red.; POLOSINA, A.S., tekhn.red.

[Manual of well boring for water supply] Spravochnik po bureniiu skvazhin na vodu. Izd.2., perer. i dop. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry. 1960. 483 p. (MIRA 13:4)
(Boring) (Wells)

KIRCHINSKIY, Mikhail Mikhaylovich; PLOKHOV, Vladimir Ivanovich; SAVINA, Z.A., vedushchiy red.; FEDOTOVA, I.G., tekhn. red.

[Drilling water wells] Burenie skvazhin na vodu. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1958. 245 p. (MIRA 11:10)

(Wells) (Boring)

KRECHENSKIY, Mikhail Mikhaylovich; PLOKHOV, Vladimir Ivanovich

[Boring wells for water] Burenie skvazhin na vodu. Moskva, Nedra, 1965. 290 p. (MIRA 18:11)

PLOKHOV, V.N., inzhener; ANDREYEV, Ye.I.; ISKHAKOV, R.B., inzhener.

Rolling of stainless steel with high area reduction. Stal' 15 no.11:1045-1047 '55. (MLRA 9:1)

1.Beloretskiy metallurgicheskiy zavod.
(Rolling (Metal work)) (Steel, Stainless)

PLOKHOVA, Ye.I.; SHAPOSHNIKOV, Yu.K. (Gor'kiy)

Absorption, distribution, and excretion of labeled sulfuric acid. Gig. truda i prof. zab. 6 no.12:37-40 D'62. (MIRA 16:7)

1. Institut gigiyeny truda i professional'nykh bolezney, Gor'kiy.
(SULFURIC ACID—PHYSIOLOGICAL EFFECT)

PLOKHOY, V. I.

"The Effect of Certain Substances on the Formation of Citric, Gluconic and Oxalic Acids and Alcohol by Deep Cultivation of Asp. niger." Cand Biol Sci, Inst of Microbiology, Acad Sci USSR, Moscow, 1953. (KL, No 15, Apr 55)

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

SHEKHTMAN, Ya.L., PLOKHOY, V.I., FILIPPOVA, G.V.

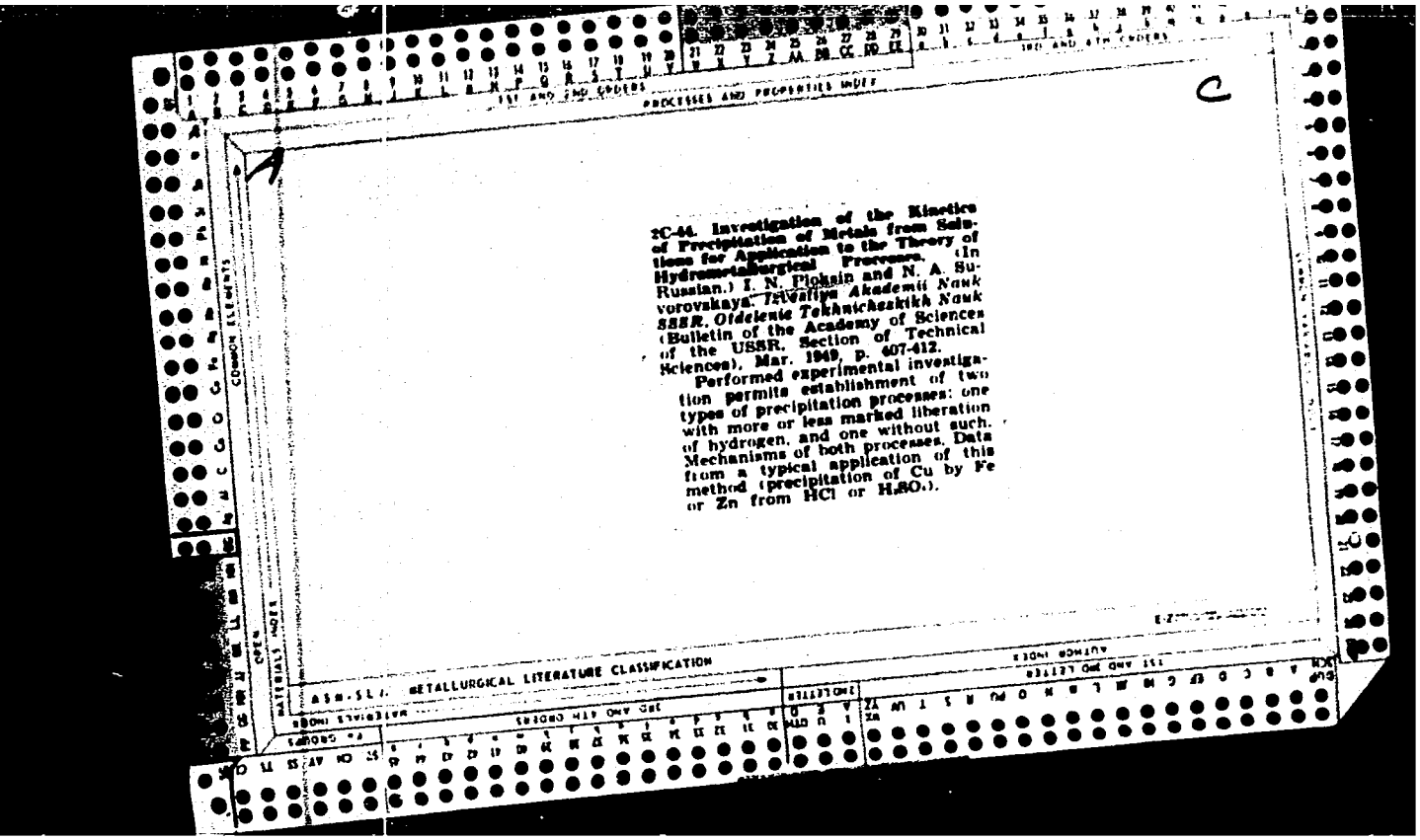
Form of the dosage curve obtained in irradiating Escherichia coli with X rays and alpha rays of polonium [with summary in English]. Biofizika 3 no.4:479-486 '58 (MIRA 11:8)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.
(ESCHERICHIA COLI)
(X RAYS--PHYSIOLOGICAL EFFECT)
(ALPHA RAYS--PHYSIOLOGICAL EFFECT)

SHESTOPALOV, V.P.; YAKIMENKO, I.P.; PLOKHOY, V.V.

Asymmetric electromagnetic waves in a spiral waveguide with a longitudinally magnetized ferrite. Izv.vys.ucheb.zav.; radiofiz. 5 no.1:179-183 '62. (MIRA 15:5)

1. Khar'kovskiy gosudarstvennyy universitet.
(Electromagnetic waves)
(Wave guides) (Ferrates)



2C-44. Investigation of the Kinetics of Precipitation of Metals from Solutions for Application to the Theory of Hydrometallurgical Processes. (In Russian.) I. N. Plaksin and N. A. Suvorovskaya. *Izvestiya Akademii Nauk SSSR, Otdelenie Tekhnicheskikh Nauk* (Bulletin of the Academy of Sciences of the USSR, Section of Technical Sciences), Mar. 1949, p. 407-412.

Performed experimental investigation permits establishment of two types of precipitation processes: one with more or less marked liberation of hydrogen, and one without such. Mechanisms of both processes. Data from a typical application of this method (precipitation of Cu by Fe or Zn from HCl or H_2SO_4).