"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

SERGEYEV, A.A., redaktor; POKROVSKIY, L.A., redaktor; SHUSTOVA, V.M., redaktor; PARTSEVSKIY, V.N., redaktor; MIKHAYLOVA, V.V., tekhnicheskiy redaktor

[Unified safety rules for mining metalliferous, non-metallic, and placer deposits by the underground method] Edinye pravila bezopasnosti pri razrabotke rudnykh, nerudnykh i rossypnykh mestorozhdenii podzemnym sposobom. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1955. 319 p. (MLRA 8:6)

1. Russia (1923- U.S.S.R.) Sovet Ministrov. Komitet po nadzoru za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru. (Mining engineering--Safety measures)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

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POKROVSKIY L. A.

SERGEYEV, A.A., red.; ANPILOGOV, I.M., red.; ASSONOV, V.A., red.; BABAYANTS, N.A., red.; BABOKIN, I.A., red.; BALAMUTOV, A.D., red.; BOGOROD-SKIY, N.N., red.; BOLOHENKO, D.N., red.; BUCHNEV, V.K., red.; VAKHMINTSEV, G.S., red.; VORONKOV, A.K., red.; GARKALENKO, K.I., red.; GORBATOV, P.Ye., red.; GOLOVLEV, V.Ya., red.; DOKUCHAYEV, M.M., red.; DUBNOV, L.V., red.; YEVTEYEV, A.D., red.; YEREMENKO, Ye.K., red.; ZENIN, N.I., red.; KRIVONOGOV, K.K., red.; KUPALOV-YAROPOLK, I.K., red.; MATSYUK, V.G., red.; NIKOLAYEV, S.I., red.; ONISHCHUK, K.N., red.; PETROV, K.P., red.; PILYUGIN, B.A., red.; PLATONOVA, A.A., red.; POLESIN, Ya.L., red.; POKROVSKIY, L.A., red.; POMETUN, D.Ye., red.; POLYUSHKIN, A.Kh., red.; REYKHER, V.P., red.; SEDOV, N.A., red.; SIDORENKO, I.T., red.; FIDELEV, A.A., red.; CHAKHMAKHCHEV, A.G., red.; CHEMODUROV, M.Ya., red.; SHUMAKOV, A.A., red.; YAREMENKO, N.Ye., red.; PARTSEVSKIY, V.N., red.izd-va; ATTOPOVICH, M.K., tekhn.red.

[Standard safety regulations for blasting operations] Edinye pravila bezopasnosti pri vzryvnykh rabotakh. Izd.2. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1958. 318 p. (MIRA 13:1)

1. Russia (1923- U.S.S.R.) Komitet po nadzoru za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru.
(Mining engineering--Safety measures)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

ZAYTSEV, A.P., red.; BORZOV, K.V., red.; BOGUSLAVSKIY, Yu.K., red.; BELOUSOV, V.G., red.; VODAKHOV, L.A., red.; IZRAITEL', S.A., red.; KOL', A.N., red.; LISYUK, S.S., red.; MOISEYEV, S.L., red.; MEL'NIKOV, N.V., red.; MOROZOV, V.P., red.; MUDROV, P.A., red.; POLYAKOVA, Z.K., red.; PODERNI, Yu.S., red.; POLESIN, Ya.L., red.; POKROVSKIY, L.A., red.; SLASTUNOV, V.G., red.; SKURAT, V.K., red.; STRUNIN, M.A., red.; SOKOLOVSKIY, M.M., red.; FEOKTISTOV, A.T., red.; CHESNOKOV, M.M., red.; SHUKHOV, A.N., red.; YAMSHCHIKOV, S.M., red.; BYKHOVSKAYA, S.N., red.izd-va; BERESLAVSKAYA, L.Sh., tekhn.red.

[Unified safety regulations in open-cut mining] Edinye pravila bezopasnosti pri razrabotke mestorozhdenii poleznykh iskopaemykh otkrytym sposobom. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 61 p. (MIRA 13:7)

1. Russia (1917- R.S.F.S.R.) Gosudarstvennyi komitet po nadzoru za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadzoru. (Strip mining--Safety measures)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

FIALKO, Ye.I., prof. doktor; PEREGUDOV, F.I.; NEMIROVA, E.K.; SERAFINOVICH, L.P.; POKROVSKIY, L.A.; ZOLOTAREV, I.D.; ZUBAREV, G.S.

Some results of radar observations of meteors in Tomsk in 1957-1959. Izv. TPI 100:16-19 '62. (MIRA 18:9)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

ALEKSANDROV, Nikolay Nikolayevich; KOCHERGINA, Anna Vasil'yevna; POKROVSKIY, Leonid Alekseyevich. Prinimal uchastiye KHNYKIN, V.F.; LOGUNTSOV, B.M., otv. red.; GEYMAN, L.M., red. izd-va; MAKSIMOVA, V.V., tekhn. red.

[Contemporary mechanization for working placer deposits] Sovremennaia mekhanizatsiia dlia razrabotki rossypei; spravochnoe posobie. Moskva, Gosgortekhizdat, 1963. 462 p. (MIRA 16:7)
(Hydraulic mining—Equipment and supplies)
(Automatic control)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

SUBMITTED: December 7, 1957

SOV/109-3-3-22/23

AUTHORS: Golubkov, P.V. and Taimring, Sh. Ye.

TITLE: The Second All-Union Conference on Radioelectronics of the Ministry of Higher Education of the USSR (Vtoraya vsesoyuznaya konferentsiya MVO SSSR po radioelektronike) - News Item

PERIODICAL: Radiotekhnika i Elektronika, 1958, Vol 3, Nr 3, pp 440 - 444 (USSR)

ABSTRACT: The conference took place during September 23 - 29, 1957, at Saratovskiy gosudarstvennyy universitet imeni N.G. Chernyshevskogo (Saratov State University imeni N.G. Chernyshevskiy). Apart from the universities, the conference was attended by the representatives of some scientific research institutes of the Soviet and Ukrainian Academies of Science, various industrial establishments and the interested ministries. This arrangement stimulated the discussion and evaluation of the papers presented and permitted the determination of plans for the future research to be carried out by the universities in the field of radioelectronics.

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During the plenary session on September 23, two papers were read: "Development Trends of UHF Electronics in the Soviet Union" by N.D. Devyatkov and "Electromagnetic Waves in the System of Vari-directional Electron Beams" by V.M. Lopukhin. N.D. Devyatkov presented numerous factual data illustrating the rapid development of the U.H.F. electronics in the Soviet Union and the vast contribution of the Soviet scientists to the theoretical foundations of this science; he also discussed the development trends of U.H.F. electronics in the immediate future. The paper described a number of original Soviet U.H.F. devices. The work of V.M. Lopukhin was concerned with the theoretical investigation of the phenomena taking place in multi-ray devices whose electron beams have different directions. The author showed that the presence of the electron beams which are perpendicular to the axis x facilitates the appearance of the solutions which are increasing functions of x for the case of n rays

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directed along the axis x ; it also leads to the appearance of exponentially increasing solutions in the presence of one beam in the above direction. The Electronics Section comprised 50 papers; more than one-third of these were concerned with the theoretical and experimental investigation of wide-band electronic devices for U.H.F. The lecture by V.N. Shevchik, L.Ya. Kayofis and L.D. Pokrovskiy dealt with the extension of the known theories of travelling-wave tubes and backward-wave tubes to the practically important cases when the delay structure necessitated the taking into account of the discrete character of the interaction of the electron beam with the high-frequency field. The lecture by V.C. Stal'makhov, V.N. Shevchik and Yu.D. Zharkov was devoted to the simplified analysis of the operation of a backward-wave tube by employing the cosinusoidal approximation of the given field. The papers by V.B. Braginskiy, A.S. Gorshkov, A.I. Kostiyenko, G.P. Lyubimov, I.T. Trofimenko and V.V. Anisimov were concerned with the detailed experimental and theoretical investigation of the possibility (first indicated by V.N. Shevchik in 1954) of expanding the bandwidth of

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the electronic trimming of reflex klystrons by means of the mutual synchronisation of several klystron tubes. The operation of reflex klystrons with multi-circuit resonant systems was also investigated. The results of experimental and theoretical investigation of two-ray amplifying and multiplying tubes were given in the communication by L.Z. Aitova, V.M. Lopukhin, L.A. Shkudova and in the communication of V.I. Kanavets. Some of the papers in the Electronics Section dealt with the investigations which were concerned with the development of novel U.H.F. devices, suitable for the generation and amplification of the waveforms in the millimetre and sub-millimetre ranges. The papers of great interest were: "Experimental Investigations of the Radiation of the Electron Bunches in the Vicinity of Non-homogeneities" by V.B. Braginskiy and Ya.P. Mantel'; "Comparison of the Efficiency of Certain Methods of the Generation of Millimetre Waves" by A.S. Tager and "Application of the Higher Spatial Harmonics of the Electromagnetic Field in Slowing-down Systems" by A.S. Tager and V.A. Solntsev.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

L 20806-66 EWP(j)/EWT(m)/ETC(m)-6/T IJP(c) RM/WW

ACC NR: AP6005945 (A) SOURCE CODE: UR/0191/66/000/002/0010/0011

AUTHORS: Kirilovich, V. I.; Rubtsova, I. K.; Pokrovskiy, L. I.; Khinich, R. V.; Fedorov, A. A.

ORG: none

57

B

TITLE: Synthesis of phosphor-containing polyesters and their application in preparation of fireproof polyurethane foams

SOURCE: Plasticheskiye massy, no. 2, 1966, 10-11

TOPIC TAGS: polyester plastic, polyurethane, foam plastic, fire resistant material, phosphorous acid, esterification

ABSTRACT: Polytransesterification of dimethylphosphorous acid (I) with polyols (pentaerythritol, trimethylolpropane, trimethylolethane) or of mixed polyols and diols in various ratios, has been investigated. This work is a continuation of a study of polyphosphite synthesis by V. I. Kirilovich, I. K. Rubtsova, and Ye. L. Gefter (Plast. massy, No. 7, 20, 1963), and was undertaken to test the suitability of polyesters in imparting fire-resistant properties to polyurethane foams. Reaction of the mixture of diols and polyols with I yields polyesters

Card 1/2 UDC: 678.664-496:678.029.65

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L 20806-66

ACC NR: AP6005945

having viscosities similar to those of the polyurethane foams, i.e., $\eta^{250} \leq 1000$ poise. The optimal ratio of viscosity and free hydroxyl groups in polyphosphites occurs with pentaerythritol:hexane-diol = 0.3:0.7 and pentaerythritol:diethylene glycol = 0.2:0.8. Of all polyphosphites obtained with individual polyols, polytrimethylolpropane phosphite had the most acceptable viscosity. The use of metallic sodium as a catalyst permitted lowering of the initial reaction temperature, thus preventing excessive rise of the viscosity of the product. The resulting phosphor-containing polyurethane foams were self-extinguishing and thermally stable. Orig. art. has: 3 tables.

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 008

Card 2/2

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

KIRILOVICH, V.I.; RUBTSOVA, I.K.; POKROVSKIY, L.I.; KHINICH, R.V.; FEDOROV, A.A.

Synthesis of phosphorus-containing polyesters and their use for the preparation of fireproof polyurethane foams. Plast. massy no.2:10-11 '66. (MIRA 19:2)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

NAPALKOV, N.A.; POKROVSKIY, L.I.

New development in the manufacture and use of foamed plastics. Zhur. VKHO 10 no.2:188-194 '65. (MIRA 18:6)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

69426

S/141/60/003/01/020/020
E032/E514

9.9000

AUTHORS: Shevchik, V. N. and Pokrovskiy, L. D.

TITLE: Energy Exchange in the Discrete Interaction of Electrons with a Travelling Electromagnetic Wave

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Radiofizika, 1960, Vol 3, Nr 1, pp 155-158 (USSR)

ABSTRACT: The analysis of the energy exchange between electrons and electromagnetic waves propagated in a periodic structure can be carried out by considering the discrete interaction of the electron current with a succession of high frequency fields separated by field-free gaps (Ref 1). In a previous paper (Ref 1) an analysis was given of the cascade interaction between electrons and a constant amplitude wave, assuming that the transit angles through the interaction regions are small. The present paper extends this analysis to the case where the ratio of the length of the high frequency regions to the length of the field-free gaps is arbitrary. The following simplifications are made:
1) Standing electromagnetic fields are set up in the

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

69426

S/141/60/003/01/020/020
EC32/E514

Energy Exchange in the Discrete Interaction of Electrons with a Travelling Electromagnetic Wave

interaction regions (outside the field-free gaps) and the amplitude is the same for all these standing waves; 2) the amplitudes of the high frequency fields in the gaps are small;
3) in assuming the effect of the high frequency field on the electron current the effect of the electron current on the field of the system is expressed in terms of the energy interaction only; the change in the distribution of the electromagnetic field in the system as a result of this interaction is not considered (the "given field" approximation).
Integration of the equation of motion of the electron under the above assumptions leads to Eq (1) which gives the velocity of the electron at a general point x in the k-th gap. The transit angle in the region between the (k-1)-th and the k-th high frequency gaps is given by Eq (3). The total electron transit angle for the

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Energy Exchange in the Discrete Interaction of Electrons with a Travelling Electromagnetic Wave

entire system is given by Eq (4) and using this equation and the fact that the charge must be conserved the bunched current is given by Eq (5). Finally, the average interaction power is given by Eqs (6) to (8). The analysis is then applied to a number of special cases.
There are 2 figures and 8 Soviet references.

ASSOCIATION: Saratovskiy gosudarstvennyy universitet (Saratov State University)

SUBMITTED: November 3, 1958 (Initially)
September 20, 1959 (After revision)

Card 3/3

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

S/109/60/005/06/019/021
E140/E163

AUTHORS: Shevchik, V.N., and Pokrovskiy, L.D.

TITLE: Estimate of the Role of Space Charge in Kompfner's BWT-Theory

PERIODICAL: Radiotekhnika i elektronika, 1960, Vol 5, Nr 6, pp 1008-1010 (USSR)

ABSTRACT: Kompfner's method of successive approximations is distinguished by greater simplicity than other theories. However, he neglects the electron beam space charge. Correction for this is analysed in the present paper and it is shown that the results agree well with those obtained by Heffner using self-matched solutions. There are 2 figures and 6 references, of which 2 are Soviet and 4 English.

Card
1/1

SUBMITTED: November 16, 1959

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

L 12579-63 EPR/EWP(j)/EPF(c)/EWT(m)/BDS AFFTC/ASD Ps-4/Pr-4/
Pc-4 RM/WW

ACCESSION NR: AP3003316 S/0191/63/000/007/0064/0065 70

AUTHORS: Pokrovskiy, L. I.; Polyakov, Yu. N.; Shamov, I. V

TITLE: Low-pressure polyethylene filters

SOURCE: Plasticheskiye massy, no. 7, 1963, 64-65

TOPIC TAGS: filter, polyethylene, polymer, polyvinylchloride, Vinyon, compression strength

ABSTRACT: Authors present a generalized survey of polymers which can be used for filters. The most extensively developed are filters made out of polyvinylchloride and polyethylene. This is due to their high operating properties and low cost of raw materials. The use of polyvinylchloride filters is limited by the material's thermostability These filters can be used up to a temperature of +60 C. High-density polyethylene filters can operate at higher temperatures (up to 100C). Vinyon is described briefly [Abstractor's note: this name is misspelled in the original.] Production of polyethylene filters is decribed. Authors produced low-pressure polyethylene filters with NaCl as filler. Method described is simple and practi-

Card 1/2

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L 12579-63

ACCESSION NR: AP3003316

cal for the production of fine-pore, low-pressure polyethylene filters. Indices such as weight by volume, pore size, compression strength, hydrostatic pressure strength and filtering rate attest to the fact that polyethylene filters can be successfully used in place of the more common filter materials.

ASSOCIATION: none

SUBMITTED: 00 DATE ACQ: 30Jul63 ENCL: 00

SUB CODE: MA NO REF SOV: 011 OTHER: 004

Card 2/2

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, A. I.

POKROVSKIY, L.I.; PAKSHVER, A.B.

Changing the intermolecular structure of capron fiber by heating [with summary in English]. Koll.zhur. 19 no.4:478-482 Jl-Ag '57. (MIRA 10:10)

1.Ivanovskiy khimiko-tekhnologicheskiy institut, Vsesoyuznyy zaochnyy institut tekstil'noy i legkoy promyshlennosti.
(Nylon)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, L.I.; POLYAKOV, Yu.N.; SHAMOV, I.V.

Filters made of low pressure polyethylene. Plast.massy no.7: 64-65 '63. (MIRA 16:8)
(Filters and filtration) (Polyethylene)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, L.I.; PAKSHVER, A.B.

Improving physicomechanical indices of capron cord fiber by means of heat treatment. Izv.vys.ucheb.zav.; tekh.tekst.prom. no.6:95-96 '58. (MIRA 12:4)

1. Ivanovskiy khimiko-tekhnologicheskiy institut.
(Textile fibers, Synthetic)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

L 40071-66 EWT(m)/EWP(t)/ETI IJP(c) RM

ACC NR: AP6018130 (A) SOURCE CODE: UR/0191/66/000/006/0059/0061

AUTHOR: Fedorov, A. A.; Pokrovskiy, L. I.

ORG: none

TITLE: Rigid polyurethane foams based on simple polyethers

SOURCE: Plasticheskiye massy, no. 6, 1966, 59-61

TOPIC TAGS: isocyanate resin, polyurethane, foam plastic, organic oxide, surface active agent, heat resistance

ABSTRACT: The effects of different components on the 1-stage preparation and the properties of rigid polyurethane foams based on simple polyethers were investigated. Physical-mechanical properties of polyurethane foams based on the addition products of propylene oxide to glycerin, xylitol or sorbitol were essentially the same; when a polyether made of saccharose was used, the indices were higher. Little difference in physical properties was noted with change in the component isocyanate or change in catalyst. The latter affected reaction time only, variations from 69-755 seconds were obtained with different tertiary amines, and a much more limited range of 50-80 seconds was obtained with organotin catalyst.

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L 40071-66

ACC NR: AP6018130

6

Of various surface active agents, only the block copolymer of polyglycol and silicone gave a foam with more uniform and finer structure. There was little difference in properties of products obtained with polydimethylsiloxane PMS-15, 40, or 60 as surfactants; PMS-200 and 300 caused the foam to break down. Of the foaming agents tried, water gave a product with higher heat stability. Glycerin had to be added when various freons were used in order to prevent settling; the foams then had higher indices than when freons were used alone. Too much settling occurred with methylene chloride as foaming agent, even with the addition of glycerin. Orig. art. has: 6 tables.

SUB CODE: 07,11/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 010

Card 2/2 11b

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, L. I., Candidate Tech Sci (diss) -- "The change in the intermolecular structure of caprone fiber with thermal processing". Ivanovo, 1959. 14 pp (Min Higher Educ USSR, Ivanovo Chem-Tech Inst), 150 copies (KL, No 24, 1959, 140)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

30(1) SOV/35-59-2-29/48

AUTHOR: Frolov, S.S., Candidate of Technical Sciences; Pokrovskiy, L.I., Engineer (Ivanovo)

TITLE: Polymers - Into the Soil (Polimery - v pochvu)

PERIODICAL: Nauka i zhizn', 1959, Nr 2, p 68 (USSR)

ABSTRACT: This article recommends the use of synthetic resins for the stabilization of soils and ground, the fight against erosion, and the alteration of other soil qualities. The use of chemical preparations as molten sulphur, cement, iron salts, calcium, magnesium etc. is not economical in view of the large quantities of these materials needed in each case (10-15% of the weight of the soil). Polymers however, to be used for the stabilization of the soil, can be introduced in smaller quantities (1-0.01%). New preparations useful for the treatment of the soil are silico-organic compounds, anilinoformaldehyde resins and, par-

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

SOV/35-59-2-29/48

Polymers - Into the Soil

ticularly, acrylic compounds polymerizing in the soil. Calcium acrylate appears to be a very good stabilizing agent. This monomer in powder form easily dissolves in water. If a catalyzer (ammonium persulphate) is added to the solution, polymerization begins at very low temperatures (near zero). The efficiency of calcium acrylate is based on the ion exchange of calcium with ions contained in the particles of the soil and subsequent polymerization of the acrylate molecule. Copolymers are also valuable for changing the quality of the soil.

Card 2/2

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, L.I.; PAKSHVER, A.B.

Changes occurring in the molecular structure of capron fibers in thermal treatment. Izv. vys. ucheb. zav.; tekh. tekst. prom. no.5: 121-124 '59 (MIRA 13:3)

1. Ivanovskiy khimiko-tekhnologicheskiy institut i Vsesoyuznyy zaochnyy institut tekstil'noy i legkoy promyshlennosti.
(Nylon)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, L.I.; FROLOV, S.S.

Simplified method of obtaining cross sections of synthetic fibers. Tekst.prom. 19 no.1:58 Ja '59. (MIRA 12:1)
(Textile fibers, Synthetic--Testing)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, L.I.; FROLOV, S.S.

Manufacture of cellulose sponges. Plast. massy no.12:64-66 '60. (MIRA 13:12)

(Plastics) (Viscose)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

VAYMAN, E.Ya.; POKROVSKIY, L.I.; FROLOV, S.S.

Quantitative determination of carbozyl groups in polyamides. Zhur. prikl. khim. 34 no.1:232-233 Ja '61. (MIRA 14:1)

1. Ivanovskiy khimiko-tekhnologicheskiy institut.
(Polyamides) (Carboxyl group)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, L.I.; FROLOV, S.S.

Synthesis of hydroquinono o,o′-diacetic and 2,2-bis-(4-hydroxyphenyl)-propane o,o′-diacetic acids and their use in the production of polymers. Zhur.prikl.khim. 34 no.9:2126-2128 S '61. (MIRA 14:9)

1. Ivanovskiy khimiko-tekhnologicheskiy institut.
(Acetoacetic acid)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, L.N.

Determining the frequencies of the natural bending vibrations of a sagging pipeline. Stroi. trub. 9 no.7:12-15 Jl '64. (MIRA 17:11)

1. Moskovskiy ordena Trudovogo Krasnogo Znameni inzhenerno-stroitel'nyy institut imeni V.V. Kuybysheva.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

TARAN, M.I., inzh.; POKROVSKIY, M.A., inzh., retsenzent; TURUTA, N.U., inzh., otv.red.; KOVALENKO, N.I., tekhn.red.

[Boring and blasting operations in open-pit mining] Burovzryvnye raboty na otkrytykh razrabotkakh. Sverdlovsk, Gos. nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1951. 193 p. (MIRA 12:12)
(Boring) (Blasting)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, M.A.

KVON, S. S. (Min. Eng.), POKROVSKIY, M.A.

Mining Engineering

Application of the analytical method in mining. Gor. zhur. no. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August ~~1953~~ 1952. Unclassified.

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

MOSTKOV, Vladimir Mikhaylovich, kand.tekhn.nauk; POKROVSKIY, M.A., gorn. inzh., retsenzent; red.; SHUSTOVA, V.M., red.izd-va; DOBUZHINSKAYA, L.V., tekhn.red.

[Gunite lining of mine workings] Zakreplenie gornykh vyrabotok shprits-betonom. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1958. 73 p. (MIRA 12:8)
(Mining engineering) (Gunite)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY

AUTHOR: Pokrovskiy, M.A. 127-58-6-11/25

TITLE: A Thermic Method of Boring Hard Rocks (Termicheskiy sposob bureniya krepkikh gornykh porod)

PERIODICAL: Gornyy Zhurnal, 1958, Nr 6, pp 41-44 (USSR)

ABSTRACT: The Moskovskiy gornyy institut (Moscow Mining Institute) and the Khar'kovskiy aviatsionnyy institut (Khar'kov Aviation Institute) are working on the creation of a drilling bench for the thermic boring in extra-hard rocks. This method consists of the following operations: In the rocket-type combustion chamber, a mixture of kerosene and oxygen is ignited. The gas stream (of a very high temperature) passes through the nozzle of the burner at supersonic speed and heats the rock. Owing to bad heat conductivity the rock is not equally heated, thermic stress is formed and the rock breaks. The chipped-off particles are ejected from the bore-hole by the gas stream. The advancing bore rod by its speed regulates the dimension of the hole. The Khar'kov Aviation Institute created such a bench STB-1, mounted on the chassis of ZIS-150 motorcar. A detailed description is given. It was found that this type of drilling bench was suitable for boring in granite rocks

Card 1/2

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only. At the present new burners are being constructed. There are 2 figures and 1 photo.

ASSOCIATION: Gosudarstvennyy nauchno-tekhnicheskiy komitet Soveta Ministrov SSSR (The State Scientific-Technical Committee of the USSR Council of Ministers)

AVAILABLE: Library of Congress

Card 2/2 1. Drilling machines-Characteristics

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SHOSTAK, Afanasiy Grigor'yevich; KISELEV, V.M., gornyy inzh., retsenzent; KAPITSA, F.A., retsenzent; POKROVSKIY, M.A., red.; PARTSEVSKIY, V.N., red.izd-va; ATTOPOVICH, M.K., tekhn.red.

[Developing iron ore deposits in the Krivoy Rog Basin] Razrabotka zhelezorudnykh zalezhei v Krivorozhskom basseine. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1959. 534 p. (MIRA 12:3)

(Krivoy Rog Basin--Iron mines and mining)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

MEL'NIKOV, N.V.; VINITSKIY, K.Ye., kand.tekhn.nauk; POTAPOV, M.G., kand.tekhn.nauk; USKOV, A.A., red.; POKROVSKIY, M.A., red.; RZHEVSKIY, V.V., red.; SOKOLOVSKIY, M.M., red.; DAVIDENKO, Yu.K., red.; YASTREBOV, A.I., red.; KAUFMAN, A.M., red.izd-va; LOMILINA, L.N., tekhn.red.

[Prospects for the use of rotating excavators in U.S.S.R. open-pit mines] Perspektivy primeneniia rotornykh ekskavatorov na otkrytykh razrabotkakh SSSR. Pod red. N.V.Mel'nikova. Moskva, Ugletekhizdat, 1959. 175 p. (MIRA 12:12)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy nauchno-tekhnicheskiy komitet.
(Excavating machinery) (Strip mining)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

BRAUN, Grigoriy Anisimovich; POKROVSKIY, Mikhail Aleksandrovich; SOSEDOV, O.O., retsenzent; PINEGIN, I.I., otv.red.; IGNAT'YEVA, L.I., red.izd-va; BERESLAVSKAYA, L.Sh., tekhn.red.; IL'INSKAYA, G.M., tekhn.red.

[Expansion of the U.S.S.R. iron mining and ore dressing industry in 1959-1965] Razvitie zhelezorudnoi promyshlennosti SSSR v 1959-1965 godakh. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 89 p. (MIRA 13:7)

(Iron mines and mining) (Ore dressing)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

BRAUN, Grigoriy Anisimovich; POKROVSKIY, M.A., otv.red.; IGNAT'YEVA, L.I., red.izd-va; SHKLYAR, S., tekhn.red.; NADEINSKAYA, A.A., tekhn.red.

[Iron-ore supply center for the ferrous metallurgy of the U.S.S.R.; raw material resources and prospects for the expansion of the iron ore industry] Zhelezorudnaia baza chernoi metallurgii SSSR; syr'evye resursy i perspektivy razvitiia zhelezorudnoi promyshlennosti. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 322 p. (MIRA 14:3)

(Iron mines and mining) (Iron ores)
(Ore dressing)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

VORONIN, L.N., inzh.; POKROVSKIY, M.A., inzh.

Boring and blasting in a taconite mine. Gor.zhur. no.5:35-37 My '60. (MIRA 14:3)

(United States—Taconite)
(Boring) (Blasting)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, M.A.

All-Union conference of miners. Gor.zhur. no.9:75-77 S '60. (MIRA 13:9)

(Mining engineering--Congresses)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

YAGUPOV, Aleksandr Vasil'yevich; POKROVSKIY, Mikhail Aleksandrovich; VASIL'YEV, Anatoliy Pavlovich; VARICH, Mikhail Sidorovich; LYUBIMOV, N.G., otv. red.; OVSEYENKO, V.G., tekhn. red.

[Jet piercing of blast holes] Ognevoe burenie vzryvnykh skvazhin. [By] A.V.IAgupov, i dr. Moskva, Gosgortekhizdat, 1962. 199 p. (MIRA 15:7)

(Boring)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, Modest Aleksandrovich; TALYKOV, Aleksandr Andreyevich; FILIPPOVA, L.S., red.

[Track circuits with a 25 c.p.s. frequency] Rel'sovye tsepi chastotoi 25 gts. Moskva, Transport, 1965. 38 p. (MIRA 18:2)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

BOGOLYUBOV, Boris Petrovich [deceased]; GRACHEV, Fedor Grigor'yevich; POKROVSKIY, M.A., kand. tekhn. nauk, retsenzent;

[Selective mining of complex ore deposits] Razdel'naia razrabotka mestorozhdenii slozhnogo sostava. Moskva, Izdv-vo "Nedra," 1964. 166 p. (MIRA 17:8)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, M.A., kand.tekhn.nauk

Protection of station signaling cables from the effects of the contact network of an a.c. railroad. Trudy TSNII MPS no. 265: 131-145 '63. (MIRA 17:5)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, M.; STOROZHENKO, A., smennyy inzhener.

Advantageous operation of briquet factories. Mast.ugl.5 no.2:31 F '56. (MLRA 9:6)

1.Tekhnolog Raychikhinskoy briketnoy fabriki (for Pokrovskiy)
(Briquets (Fuel))

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

KOROBOV, P.I.; KHLEBNIKOV, V.B.; BORISOV, A.F.; SKOCHINSKIY, A.A.; SHEVYAKOV, L.D.; MEL'NIKOV, N.V.; MELESHKIN, S.M.; MOSKAL'KOV, Ye.F.; POKROVSKIY, M.A.; KAPLUNOV, A.P.; BOGOLYUBOV, B.P.; ARUTYUNOV, N.B.; BOYKO, V.Ye.; BRINZA, N.M.; FEDOROV, V.F.; AGOSHKOV, M.I.; BARONENKOV, A.V.; VORONIN, L.N.; IPATOV, P.M.; NAZAROV, P.P.; SLUTSKAYA, O.M.; CHERNENKO, M.B.; RABINOVICH, V.I.; SEMEVSKIY, V.N.; TROITSKIY, A.V.; GOL'DIN, Ya.A.; DZHAPARIDZE, Ye.A.; ZHURAVLEV, S.P.; KUZNETSOV, K.K.; MALEVICH, N.A.; MARINENKO, M.P.; MARTYNOV, G.P.; NATAROV, P.F.; PERTSEV, M.A.; ROSSMIT, A.F.; RYASNOY, A.A.; SOSEDOV, O.O.; VIKOMADOV, V.S.; ZUBAREV, S.N.; SHAFARENKO, I.P.

Nikolai Nikolaevich Patrikeev; an obituary. Gor.zhur. no.6:76 Je '60. (MIRA 14:2)

(Patrikeev, Nikolai Nikolaevich, 1890-1960)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

BARDIN, I.P , akademik, otv. red.[deceased]; BELYANCHIKOV, K.P., nauchnyy red.; YEROFEYEV, B.N., nauchnyy red.; ZVYAGIN, P.Z., nauchnyy red.; KOSHELEV, V V., nauchnyy red.: MELESHKIN, S.M., nauchnyy red.; MIRLIN, G.C., nauchnyy red.; MOSKAL'KOV, Ye.F., nauchnyy red.; POKROVSKIY, M.A., nauchnyy red.; SLEDZYUK, P.Ye., nauchnyy red.; FINKELSHTEYN, A.S., nauchnyy red.; KHARCHENKO, A.K., nauchnyy red.; SHEVYAKOV, L.D., akademik, nauchnyy red.; SHAPIRO, I.S., nauchnyy red.; SHIRYAYEV, P.A., nauchnyy red.; OKHRIMYUK, Ye.M., nauchnyy red.; YANSHIN, A.L., akademik, nauchnyy red.; MAKOVSKIY, G.M., red.izd-va; VOLKOVA, V.G.,tekhn. red.

[Oolitic iron ores of the Lisakovka deposit in Kustanay Province and means for their exploitation]Oolitovye zheleznye rudy Lisakovskogo mestorozhdeniia Kustanaiskoi oblasti i puti ikh ispol'zovaniia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 234 p. (Zhelezorudnye mestorozhdeniia SSSR [no.1]) (MIRA 15:12)

1. Akademiya nauk SSSR. Institut gornogo dela.
(Kustanay Province--Iron ores)

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VINOGRADOV, V.S., inzh.; AL'TSHULER, M.A., kand. tekhn. nauk; POLYAKOV, V.G., inzh.; KUROCHKIN, A.N., inzh.; KARMAZIN, V.I., doktor tekhn. nauk; ZAIKIN, S.A., inzh.; OSTROVSKIY, G.P., inzh.[deceased]; NAUMENKO, P.I., inzh.; BOBRUSHKIN, L.G., inzh.; RUSTAMOV, I.I., inzh.; SHIFRIN, I.I., inzh.; GOLOVANOV, G.A., inzh.; KRASOVSKIY, L.A., inzh.; TSIMBALENKO, L.N., inzh.; RAVIKOVICH, I.M., inzh.; BAZILEVICH, S.V., kand. tekhn.nauk; ZORIN, I.P., inzh.; ZUBAREV, S.N., inzh.; TIKHOVIDOV, A.F., inzh.; SHITOV, I.S., inzh.; GAMAYUROV, A.I., inzh.; KUSEMBAYEV, Kh.N., inzh.; DEKHTYAREV, S.I., inzh.; VORONOV, I.S., inzh.; BURMIN, G.M., inzh.; BARYSHEV, V.M., inzh.; GOLOVIN, Yu.P., inzh.; MARCHENKO, K.F., inzh.; RYCHKOV, L.F., inzh.; NESTERENKO, A.M., inzh.; KABANOV, V.F., inzh.; PATRIKEYEV, N.N., inzh.[deceased]; ROSSMIT, A.F., inzh.; SOSEDOV, O.O., inzh.; POKROVSKIY, M.A., inzh., retsenzent: POLOTSK, S.M., red.; GOL'DIN, Ya.A., glav. red.; GOLUBYATNIKOVA, G.S., red. izd-va; BOLDYREVA, Z.A., tekhn. red.

[Iron mining and ore dressing industry]Zhelezorudnaia promyshlennost'. Moskva, Gosgortekhizdat, 1962. 439 p. (MIRA 15:12)

1. Moscow. TSentral'nyy institut informatsii chernoy metallurgii.
(Iron mines and mining) (Ore dressing)

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Pokrovskiy, M. A.

VAKHNIN, M.I.; POKROVSKIY, M.A.; TALYKOV, A.A.; PENKIN, N.F.; PUTIN, D.K.
VAKHNIN, M.I., professor, doktor tekhnicheskikh nauk, redaktor;
GERONIMUS, B.Ye., kandidat tekhnicheskikh nauk, redaktor; KHITROV,
P.A., tekhnicheskiy redaktor.

[Signaling, central control and block system for use with d.c.
electric traction] Ustroistva STsB pri electricheskoi tiage pere-
mennogo toka. Moskva, Gos.transp.zhel.-dor.izd-vo, 1956. 219 p.
(Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodo-
rozhnogo transporta. Trudy, no.126). (MLRA 10:1)

(Electric railroads--Signaling)

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32 (3) SOV/112-57-5-10946

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1957, Nr 5, p 198 (USSR)

AUTHOR: Vakhnin, M. I., Penkin, N. F., Pokrovskiy, M. A., Pugin, D K., Talykov, A. A.

TITLE: Railroad Signaling Equipment with AC Traction System (Ustroystvo STsB pri elektricheskoy tyage peremennogo toka)

PERIODICAL: Tr. Vses. n.-i. in-ta inzh. zh.-d. transpr., 1956, Nr 126, p 220, ill.

ABSTRACT: Bibliographic entry.

Card 1/1

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, M.A., kand. tekhn. nauk;TALYKOV, A.A., inzh.

Operation of signaling, central control, and block systems on a.c. electric railroads. Vest. TSNII MPS no. 5:12-18 Jl '58. (MIRA 11:8)

(Electric railroads--Signaling--Block system)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, M.A., kand. tekhn. nauk

Signaling-system devices. Avtom. telem. i sviazi' 3 no.5:12-16 My '59. (MIRA 12:8)

1.Rukovoditel' laboratorii Vsesoyuznogo nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta.
(Railroads--Signaling--Equipment and supplies)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, M.A.

Razvitiye Zhelezorudnoy Pormyshlennosti SSSR v 1959-1965 Godakh (by) G.A. Braun (1) M.A. Pokrovskiy. Moskva, Gosgortekhizdat, 1960.
89 p. Graphs, Maps, tables.
Bibliographical footnotes.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, M.A., kand.tekhn.nauk

Central block signaling systems for main a.c. electric railroads.
Vest.TSNII MPS 20 no.4:3-7 '61. (MIRA 14:7)
(Electric railroads--Signaling--Block system)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

YEVDOKIMOV, I.I.; ALEKSEYEV, V.D.; ASHIKHMIN, A.K.; BAYEV, N.V.; BEGLAR'YAN, P.A.; BYCHKOV, I.A.; VESLOVA, Ye.T.; VYZHEKHOVSKAYA, M.F.; GURETSKIY, S.A.; DEMIDOV, I.M.; YESIPOV, Ye.P.; ZHUKOV, V.D.; ZELINSKIY, M.G.; ZOL'NIKOV, F.T.; ZOLOTOVA, L.I.; KIVIN, A.N.; KOMARNITSKIY, Yu.A.; KONSTANTINOV, A.N.; KUL'CHITSKAYA, A.K.; MAKSIMENKO, I.I.; MELENT'YEV, A.A.; MOROZOV, I.G.; MURZINOV, M.I.; OZEMBLOVSKIY, Ch.S.; OSTRYAKOV, K.I.; PANINA, A.A.; PAVLOVSKIY, V.V.; PERMINOV, A.S.; PERSHIN, B.F.; PRONIN, S.F.; PSHENNYY, A.I.; POKROVSKIY, M.I.; RASPONOMAREV, Ye.A.; SEMIN, I.N.; SKLYAROV, Yu.N.; TIBABSHEV, A.I.; FARBEROV, Ya.D.; FEDOROV, G.P.; SHUL'GIN, Ya.S.; YAKIMOV, I.A.; VERINA, G.P., tekhn.red.

[Labor feats of railway workers; stories about the innovators] Trudovye podvigi zheleznodorozhnikov; rasskazy o novatorakh. Moskva, Gos.transp.zhel-dor.izd-vo, 1959. 267 p. (MIRA 12:9)
(Railroads) (Socialist competition)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, Mikhail Konstantinovich; KOL'TSOV, Yuriy Fedorovich; DENISOV, I.I., inzh.-podpolkovnik, red.; KRASAVINA, A.M., tekhn. red.

[Recoilless weapons] Bezotkatnye orudiia. Moskva, Voen. izd-vo oborony SSSR, 1962. 65 p. (MIRA 15:3)
(Rockets (Ordinance))

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

SIDOROCHKIN, S.S.; OSMINKIN, Ya.M.; CHURIN, V.N.; YUSHTIN, Ye.I.; YANKOVSKAYA, Z.V.; POKROVSKIY, M.N., otv. red.; PENOVA, Ye.M., red.; SOSIPATROV, O.A., red.; KOMAROVA, N.P., red.

[Handbook on safety engineering and industrial sanitation in three volumes] Spravochnik po tekhnike bezopasnosti i proizvodstvennoi sanitarii v trekh tomakh. Leningrad, Sudostroenie. Vol.2. 1965. 679 p. (MIRA 18:10)

1. Russia (1923- U.S.S.R.) Laws, statutes, etc.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

FEDOROV, Sergey Alekseyevich, doktor tekhn. nauk, prof.; POKROVSKIY, M.N., prof., retsenzent; MARSHAK, I.S., dotsent, retsenzent; ZVORYKINA, L.N., red. izd-va; SHMELEV, A.I., red. izd-va; SHKLYAR, S.Ya., tekhn. red.

[Sinking and deepening of vertical shafts by the standard method] Prokhodka i uglubka vertikal'nykh stvolov shakht (obychnym sposobom). 2.izd.perer.i dop. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1961. 474 p. (MIRA 15:1)

1. Kafedra stroitel'stva gornykh predpriyatiy Moskovskogo gornogo instituta (for Pokrovskiy). 2. Dnepropetrovskiy gornyy institut (for Marshak). (Shaft sinking)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, Nikolay Mikaylovich, prof., doktor tekhn. nauk; CHECHKOV, L.V., red. izd-va; SHKLYAR, S.Ya., tekhn. red.

[Construction and reconstruction of mine workings] Sooruzhenie i rekonstruktsiia gornykh vyrabotok. zd.5. Moskva, Gosgortekhizdat. Pt.1. [Drifting] Provedenie gorizontal'nykh i naklonnykh vyrabotok. 1962. 378 p. (MIRA 15:5)
(Mining engineering)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, M. P.

USSR/Engineering Aug 48
Lignites
Briquetting

"Industrial Briquetting of Lignites," I. S. Kopeykin, Engr, M. P. Pokrovskiy, Technician, 5 pp

"Za Ekonomiyu Topliva" Vol V, No 8

Describes results of experiments conducted 1946 - 1948, studying lignites from Bashkir and Ukrainian republics under laboratory, semi-industrial, and industrial conditions, obtaining briquettes from these lignites, and treating the briquettes chemically.

PA 46/49T31

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, M. P.

USSR/Minerals
Lignite
Briquetting

Oct 48

"Problem of Briquetting Lignites From the Moscow Coal Fields," I. S. Kopeykiy, Engr, M. P. Pokrovskiy, Tech, 2 pp

"Za Ekonomiya Topliva" Vol V, No 10

Discusses briquetting of coal obtained from mines around Moscow, detailing, drying, pressing, and cooling.

PA 43/49T81

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, M.P

F

3052. BRIQUETTING OF BROWN COAL. Poputnikov, F.A. and Pokrovski, M.P. (Moscow-Leningrad: Ugletekhizdat., 1950, 112pp., 5 Rub. 10 Cop.; title in Chem. Zbl., 7 Feb. 1951, vol. 122, (I), 812).

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, M.P.; REMESNIKOV, I.D., redaktor; ALADOVA, Ye.I. tekhnicheskiy redaktor; ANDREYEV, G.G., tekhnicheskiy redaktor.

[Adjustment of equipment and control of the technological process of a brown coal briquetting plant] Naladka oborudovaniia i regulirovanie tekhnologicheskogo protsessa burougol'noi briketnoi fabriki. Moskva, Ugletekhizdat, 1955. 98 p. (MLRA 8:8)
(Briquets (Fuel) (Lignite)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, Mikhail Vladimirovich; AUTLEV, M., red.; KHORETLEV, A., red.; TEVTUSHENKO, M., tekhn.red.

[Russian - Adyge trade relations] Russko-adygeiskie torgovye sviazi. Maikop, Adygeiskoe kn-vo, 1957. 112 p. (MIRA 11:4)
(Russia--Commerce--Caucasus)
(Caucasus--Commerce--Russia)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, M. V.

KHOKETLEV, A.O.; ALFEROVA, T.D.; POKROVSKIY, M.V., red.; TSEY, U., tekhn. red.

[Russian - Adyge trade relations from 1793-1860; a collection of documents] Russko-adygeiskie torgovye sviazi 1703-1860 gg.; sbornik dokumentov. Maikop, Adygeiskoe knizhnoe izd-vo, 1957. 437 p. (MIRA 11:4)

1. Maykop. Adygeyskiy nauchno-issledovatel'skiy institut iazyka, literatury i istorii.
(Russia--Commerce--Caucasus, Northern)
(Caucasus, Northern--Commerce--Russia)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

3805. OPERATION OF MINES (PROVEDENIE GORNYKH VYRABOTAKH), 3RD ED. Pokrovskii, N. Ma (Moscow, Leningrad: 1950, 527pp.; title in Recent Accessions, Brit. Museum).

immediate source clipping

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, N.

Refrigeration and Refrigerating Machinery

Blow-out of direct-evaporation batteries. Khol. tekh. 29 no. 1, 1952.

Mont ly List of Russian Accessions, Library of Congress, May 1952. UNCLASSIFIED

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

1. POKROVSKIY, N.

2. USSR (600)

4. Refrigeration and Refrigerating Machinery

7. "Safety rules at ammonia refrigeration units of compressor and absorption systems." Reviewed by N. Pokrovskiy. Khol.tekh. 29 no. 4, 1952.

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

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, N.

USSR/Electronics - Short Waves Jan 53

Dosaaf

"Neglected Opportunities," N. Pokrovskiy

"Radio," No 1, p 10

Author criticizes the Stalingrad Dosaaf Org Committee, the radio club, naval clubs, and industries for not aiding Dosaaf members. The UA4AB is the only amateur radio station operating in the city. Three-quarters of the registered ~~short-wave~~ SW operators have discontinued work. The conditions described exist throughout ~~the entire~~ Stalingrad Oblast.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, N.

Planned preventive repair of refrigerating equipment. Khol.tekh. 30 no.4:68-71 O-D '53. (MLRA 7:3)
(Refrigeration and refrigerating machinery)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, N.; SKORBIN, B., redaktor; TSIGEL'MAN, L., tekhnicheskiy redaktor

[Aids for primary organizations of the Volunteer Society for Cooperation with the Army, Air Force and Navy; a collection of papers] V pomoshch' pervichnym organizatsiiam DOSAAF; sbornik materialov. Izd. 2-oe, ispr. i dop. Moskva, 1956. 175 p. (MLRA 9:11)

1. Vsesoyuznoye dobrovol'noye obshchestvo sodeystviya armii, aviatsii i flotu.
(Military education)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, N.

For a continued development of military sports. Voen.znan. 34: no.10:14-15 O '58. (MIRA 11:12)

1. Chlen orgkomiteta Vsesoyuznoy spartakiady komsomol'tsev i molodezhi po voyenno-prikladnym vidam sporta.
(Military education)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

05386
SOV/107-59-8-6/49

28(1)

ABSTRACT: Pokrovskiy, N., Deputy Director

TITLE: On the Way of Automation

PERIODICAL: Radio, 1959, Nr 8, pp 5-6 (USSR)

ABSTRACT: This article deals with the introduction of automation at several radio and electronic equipment plants of the Mosoblsovnarkhoz. One of these plants is producing the TV set "Start-2" which is composed of three printed circuit panels containing the horizontal and vertical sweep units, the IF and LF amplifiers and the video amplifier. Plant employees have designed automatic machines for pressing the panels of K21-22 powder, producing printed circuits, performing soldering and varnishing operations. An automatic furnace was built for relieving internal stresses in printed circuit panels. The application of printed circuits permitted not only the utilization of automatic machinery, but also simplified tuning operations and reduced the weight and power consumption of the

Card 1/3

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05386
SOV/107-59-8-6/49

On the Way of Automation

TV set. Although the "Start-2" is equipped with a 220x290 mm picture tube, its weight is only 20 kg and the power consumption is 130 watts. The TV set "Luch", which has only a 180x240 mm picture tube, has a weight of 40 kg and a power consumption of 210 watts.- At the Pavlovo-Posadskiy elektromekhanicheskiy zavod (Pavlovskiy Posad Electrical Equipment Plant) employees designed about 100 different types of automatic devices and manufactured more than 500 automatic units. Mechanized conveyer lines were set up for the manufacture of paper and mica capacitors. About 60 workers were replaced by one 33m long automatic line producing 300,000 capacitors per shift, which is now operated by three people from one control panel. Recently, plants of the Mosoblsovnarkhoz started the production of 10-15 kw semiconductor devices made of single silicon crystals. These

Card 2/3

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, N.

Toward bolder achievements in sports! Voen.znan. 36 no.7:11-12 Jl '60. (MIRA 13:7)

1. Nachal'nik shtaba Vsesoyuznoy spartakiady po tekhnicheskim vidam sporta.

(Sports)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, N.

Getting ready for the decisive stage of the Spartakiada. Za rul. 19 no.4:6 Ap '61. (MIRA 14:7)

1. Nachal'nik shtaba Spartakiady.
(Automobile racing) (Motorcycle racing) (Motorboat racing)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, N.

Our most valuable possession. Voen.znan. 40 no.11:16-17 N '64. (MIRA 18:1)

1. Nachal'nik otdela Tsentral'nogo komitata Vsesoyuznogo dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu, SSSR.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, N.

Spartakiad of millions. Voen. znan. 37 no.9:16-17 S[redacted]. (MIRA 14:9)

1. Nachal'nik shtaba Vsesoyuznoy spartskiady.
(Sports)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, N.

Organize central branch laboratories. Zav.lab. 28 no.1:120 '62. (MIRA 15:2)

1. Nachal'nik tekhnicheskogo upravleniya Mosoblsovnarkhoza.
(Chemical engineering laboratories)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

Sodium sulfate industry of the Northern Karabugaz district. N. A. POKROVSKII. Akad. Nauk., U. S. S. R., *Material* No. 73 (Karabugaz and its industrial importance, 3rd Ed.) 195-216(1930).—Review of status of mining, dehydration and transportation of Na_2SO_4 in the Northern Karabugaz district in 1928. The primitive methods are noted and means of improvement outlined.

ROBERT SCHLESS

COMMON ELEMENTS

OPEN

MATERIALS INDEX

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

Ca

13

Impregnating fibrous material used in the insulation of electric cables. N. A. Pokrovskii. Russ. 40,280, March 31, 1936. The fibrous material is passed first through an impregnating vat contg. an impregnating soln. of the lowest possible viscosity and at the highest possible temp., then consecutively through vats filled with solns. of gradually increasing viscosity, dried and cooled.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, N.B. et al.

Calculation and measurement of intelligibility of Russian speech.Tr.Akad. VKIAS,1952,33:

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, N.B.

BRANDT, S.B., kandidat tekhnicheskikh nauk; POKROVSKIY, N.B., kandidat tekhnicheskikh nauk; FINKLER, I.E., inzhener.

Discussion of IU.M.Korobov's article "What a telephone apparatus should be like." S.B.Brandt, I.E.Finkler, N.B.Pokrovskii. Vest. sviazi 14 no.1:28-29 Ja '54. (MLRA 7:5)

1. Nachal'nik laboratorii Ufimskogo zavoda MESEP (for Brandt)
2. Dotsent VKIAS (for Pokrovskiy)

(Telephone--Apparatus and supplies) (Korobov, IU.M.)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

SHEYVERKHMAN, B.Ye., otvetstvennyy redaktor [deceased]; POKROVSKIY, N.B., otvetstvennyy redaktor; ZELIKINA, T.I., redaktor izdatel'stva; SHEVCHENKO, G.N., tekhnicheskiy redaktor

[Perception of sound signals under various acoustical conditions; proceedings of a scientific conference held April 1954] Vospriiatie zvukovykh signalov v razlichnykh akusticheskikh usloviiakh; trudy nauchnoi konferentsii, sostoiavsheisia v aprele 1954 g. Moskva, 1956. 190 p. (MIRA 10:1)

1. Akademiya nauk SSSR. Institut biologicheskoy fiziki.
(HEARING)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

24(1) SOV/112-59-2-4051

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 2, p 265 (USSR)

AUTHOR: Pokrovskiy, N. B.

TITLE: Speech Intelligibility Under Various Acoustical Conditions and a Basic Method for Computing It (Razborchivost' rechi v razlichnykh akusticheskikh usloviyakh i osnovy metodiki yeye rascheta)

PERIODICAL: Sb. Vospriyatiye zvukovykh signalov v razlichnykh akusticheskikh usloviyakh, M., AS USSR. 1956, pp 57-68

ABSTRACT: Articulation is the most objective criterion for evaluating the quality of speech transmission by telephone and radio-telephone equipment. Measuring articulation by special crews of operators is a cumbersome process. Fortunately, articulation can be not only measured but computed analytically. The problem of computing articulation includes establishing relations between the unknown articulation value and the known electroacoustical parameters of the channel, speech and hearing characteristics, and noise level. The

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SOV/112-59-2-4051

Speech Intelligibility Under Various Acoustical Conditions and a Basic Method . . . .

connections between these quantities can be determined objectively through existing laws of percepting speech sounds by the human hearing organs. Methods for computing articulation of the English language were developed by a number of authors since 1929. These methods in their most complete shape were developed for the Russian language by the Chair of Telephony, Voyennaya Akademiya Svyazi (Military Academy of Communications), in 1949-1953. The essence of the above methods is described, and all characteristics required for computing Russian speech are presented. In addition, peculiarities of computing are indicated when a strong noise up to 130 db affects the listener. It is demonstrated that in this case, the following factors need to be taken into consideration: (1) increase in the total speech level (formants); (2) deforming the frequency spectrum when forcing speech; (3) increase in the spread of audibility thresholds of receiving operators; (4) certain variations in noise-masking laws; (5) deafening phenomenon due to loud speech received.

Card 2/3

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SOV/112-59-2-4051

Speech Intelligibility Under Various Acoustical Conditions and a Basic Method . . . .

Formulae and graphs allowing for the above listed factors are given. In the case of channels with laryngophones instead of microphones, it is recommended that the laryngophone output characteristics be used in the form of equivalent microphone characteristics.

N.B.P.

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, Nikolay Borisovich; TKACHENKO, A.D., otv. red.; CHESNOKOVA, T.V., red.; SLUTSKIN, A.A., tekhn. red.

[Calculation and measurement of the comprehensibility of speech] Raschet i izmerenie razborchivosti rechi. Moskva, Sviaz'izdat, 1962. 390 p. (MIRA 15:7)
(Speech) (Electronic measurements)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

CA

The industrial importance of the serpentinites of the Azov-Black Sea region. N. F. Pokrovskii. *Razvedka Nedr*, 8, No. 3, 6-10(1938); *Chem. Zentr.* **1939, I,** 1025.—The deposits investigated afford a rich source of raw materials for various industries, including the manuf. of refractory materials, the chem., rubber, tanning, insulating (heat) and construction industries. The mineral also merits consideration for fertilizer purposes. W. A. M.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, N.I.

POKROVSKIY, N.I.

Problems in manufacturing electric instruments. Izm. tekh. no.6:65-67 N-D '57. (MIRA 10:12)

(Electric instruments)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

ZENKEVICH, A.A.; LYCHAGIN, Ya.Ya.; POKROVSKIY, N.I., inzh., red.; BASIN, D.S., red.; NADEINSKAYA, A.A., tekhn. red.

[Small electrical machinery and its use in automatic control systems] Malogabaritnye elektricheskie mashiny i ikh primenenie v avtomaticheskikh sistemakh. Pod red. N.I.Pokrovskogo. Moskva, TSentr. biuro tekhn. informatsii, 1960. 161 p. (MIRA 14:10)
(Automatic control) (Electric machinery)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, N.I.

Basic trends in the technical development of the industry of Moscow Province Economic Council in 1959-1965. Mekh. i avtom. proizv. 16 no.1:1-4 Ja '62. (MIRA 15:1)

1. Nachal'nik Tekhnicheskogo upravleniya Mosoblsovnarkhoza.
(Moscow Province--Industry)

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"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, N. I. Moscow

"Das Wachstum metallischer Kristalle in Gegenwart geringer oberflachenaktiver und inaktiver Beimischungen."

report submitted for 2nd Intl Symp on Hyperpure Materials in Science and Technology, Dresden, GDR, 28 Sep-2 Oct 65.

Physics Faculty, Moscow State University

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L 34849-65 EPA(s)-2/EWT(m)/EPF(c)/EWG(v)/EPR/EPA(w)-2/EWP(j) Pc-4/Pab-10/Pe-5/Pr-4/
ACCESSION NR: AP5008546 S/0286/65/000/006/0061/0061
Ps-4/Pt-10 WW/RM

AUTHOR: Alekseyenko, V. I.; Pokrovskiy, N. I.; Mikhustin, I. U.; Lebedev, Yu. I.; Kudryavtsev, V. V.; Levin, B. I.; Abramyan, T. A.; Rekst, V. B.; Bernshteyn, L.M.; Kazakova, L.I.; Tryapkina, L.A.; Ishmayeva, T.I.; Lugnina, V.K.

TITLE: A method for producing insulating plastics, Class 39, No. 169246

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 6, 1965, 61

TOPIC TAGS: plastic insulator, polar polymer, nonpolar polymer

ABSTRACT: This Author's Certificate introduces a method for producing insulating plastics based on polyvinylchloride modified with rubber. The electrical insulation properties and heat resistance of the product are improved by using a mixture of polar and nonpolar rubbers as the modifiers with the addition of mineral fillers.

ASSOCIATION: none

SUBMITTED: 31Mar61 ENCL: 00 SUB CODE: MT,GC

NO REF SOV: 000 OTHER: 000

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APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, N.K., inzhener; KAMINSKAYA, P.I., redaktor; MEDRISH, D.M., tekhnicheskiy redaktor

[Refrigerating equipment; manual for mechanics servicing ammonia machines and apparatus] Kholodil'nye ustanovki; posobie dlia mashinistov, obsluzhivaiushchikh ammiachnye mashiny i apparaty. Moskva, Gos. izd-vo torgovi lit-ry, 1955. 207 p. (MIRA 8:8)
(Refrigeration and refrigerating machinery)

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2"

"APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001341710002-2

POKROVSKIY, Nikolay Konstantinovich; prinimal uchastiye: LYUBIMOV, N.P., glav. inzh.; TSIPERSON, A.L., red.; SUDAK, D.M., tekhn. red.

[Refrigerating equipment; manual for machine operators] Kholodil'nye ustanovki; posobie dlia mashinistov, obsluzhivaiushchikh ammiachnye mashiny i apparaty. Izd. 2., dop. i perer. Moskva, Gos. izd-vo torg. lit-ry, 1960. 283 p.. (MIRA 14:5)

1. Rosmyasorybtorg Ministerstva torgovli RSFSR (for Lyubimov)
(Refrigeration and refrigerating machinery)

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PROCESSES AND PROPERTIES INDEX

Properties of metallic solutions. II. Surface tension of amalgams. B. P. Bering and N. L. Pokrovskii. *Acta Physicochim. U. R. S. S.* 4, 861-72(1936)(in English).—A method is elaborated for measuring the surface tension of amalgams by observing the max. pressure of drops *in vacuo*. This method yields a value of 410 dynes/cm. for the surface tension of Hg. The method of max. pressure of bubbles in an atm. of H_2 gave a value of 465 dynes/cm. for Hg. The surface tension of amalgams of Cs, Rb, K, Na, Li, Ba, Sr, Mg, Pb, Sn, Cu, Ag, Cd, Bi, Co and Zn was measured within the range of concns. of 0-0.2%. The results will be given later. H. G.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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1ST AND 2ND ORDERS

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*Properties of Metallic Solutions. II.—Surface Tension of Amalgams. B. P. Bering and N. L. Pokrovskiy (*Zhurnal Fizicheskoy Khimii (J. Phys. Chem.)*, 1936, 7, (4), 509–517).—[In Russian.] Measurements of the surface tension of mercury gave values of 410 dynes/cm. in vacuo and 465 dynes/cm. in hydrogen. Values were also obtained for the surface tension of amalgams containing up to 0·2% of the alkali metals, alkaline earth metals, and some of the heavy metals.—N. A.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

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Surface tension of molten metals and alloys. V. K. Semenchenko and N. L. Pokrovskii. *Uspekhi Khim.* 6, 777-821 (1937). A ~~review on the~~ methods for surface tension detn. in molten metals, the laws governing surface tension in molten metals, alloys and amalgams with collected tables of data from the literature, a discussion of the significance of these surface tensions for technology, especially in metal alloys of various types and of the effect of traces of admixts. on surface tension and hence on the crystn. and photochem. properties of metals. F. H. R.

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