KOLEV, N.S.

Effect of the friction force on the selection of the geometry of metal-cutting tools. Trudy NPI 107:35-39 '60. (MIRA 14:3)
(Metal-cutting tools)

KOLEV, P.

"On the question of improving the technological system for production of caustic soda by lime method"

Khimiia i industriia. Sofiia, Bulgaria. Vol. 30, no. 3, 1958

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

COUNTRY : BULGARIA
CATEGORY : Chemical Technology. Chemical Products and Their Application. Elements. Oxides. Mineral Acids,* H
ABS. JOUR. : RZhKhim., No 17, 1959, No. 61405

AUTHOR : Kolev, P.
INSTITUTE : -
TITLE : Problems of the Improvement of Processing Scheme in the Manufacture of Caustic Soda Employing a **
ORIG. PUB. : Khimiya i industriya (Bulg.). 1958, 30, No 4, 104-105

ABSTRACT : Comparison of a processing scheme employed by the Bulgarian soda factory "Karl Marks" with that of one of the Czechoslovakian plants. --Ye.Stefanovskiy.

**Well Known Method.

*Bases, Slts.

Card: 1/1

KOLEV, P., inzh.; IORDANOV, Krustiu, inzh.; DIMITROV, Slavi, inzh.

A new method of freeing brine pipes from gypsum deposits. Khim. i industriia 34 no.6:220-222 '62.

KOCEV, S.

"Bitumen as a Product for Insulation," p. 14.
(Ratsionalizatsiia, Vol.3, No.1, Jan. 1953, Sofiya.)

SO: Monthly List of East European Accessions, Vol.2, No.9 Library of Congress, September 1953, Uncl.

KOLEV, S.

"Standardization in Construction", P. 23, (RATSIONALIZATSIIA, Vol. 4, No. 1, Jan. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

KOLEV, S.

Quick determination of the solidity and the brand of cement. p. 36.
(STROITELSTVO. Vol. 1, No. 9/10, 1954)

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9, Sept. 1955, Uncl.

KOLEV, S; BORISOVA, I.

Our stone materials used as revetments. (To be contd) p. 21

Vol. 2, No. 2, 1955 STROITELSTROC, Sofiya, Bulgaria.

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 5, No. 1, January, 1956.

KOLEV, S. ; BORISOVA, N.

Our stone material used for facing. p. 23.

Vol. 2 , No. 3, 1955
STROITELSTVO
Sofiya, Bulgaria

So: Eastern European Accession Vol. 5 No. 4 April 1956

KOLEV, S.

Bulgarian trass. p. 111. Bulgarska adademita no naukite. Teknicheski institut. EXVESTIIA. Sofiya. No. 3, 1955.

SOURCE: East Euorpean Accessions List. (EEAL) Library of Congress. Vol. 5, No. 8, August 1956.

KOLEV, S.

"The significance of Soviet technical literature for the Bulgarian construction industry."

p. 1 (Stroitelstvo, Vol. 4, no. 10, 1957, Sofiia, Bulgaria.)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 6, June 1958.

KOLEV, S.

"Concrete, a source for fulfillment of the Five-Year Plan in shortened terms."

STROITELSTVO., Sofiia, Bulgaria., Vol. 6, No. 1, 1959

Monthly list of EAST EUROPEAN ACCESSIONS (EEAI), LC, Vol. 8, No. 7, July 1959, Unclas

NIKOLOV, P.; BOIADZHIEV, Ts.; KOLEV, S.

Our experience with the treatment of senility with the method of the Academician Parhon. Nauch. tr. vissh. med. inst. Sofia 40 no.1:49-57 '61.

1. Predstavena ot prof. P. Nikolov, rukukovod. na Katedrata po farmakologiya.

(GERIATRICS) (PROCAINE ther)

KUNCHEV, Evgeni, inzh.; KOLEV, Stoian, inzh.; SERAFIMOV, Serafim, inzh.

Characteristics of natural silk fabrics treated with polyamides and by interfacial polycondensation. Tekstilna prom 13 no.6: 15-18 '64.

1. Institute of Industrial Chemistry, Sofia.

RUSEV, St., inzh.; KARAIVANOV, Al., inzh.; KOLEV, St., prof. inzh.

Production, transport and assembling of circular ferroconcrete prestressed elements for the 10,000 cubic meter capacity reservoir of the Petroleum Chemical Combine at Burgas. Stroitelstvo 11 no.1: 7-11 Ja '64.

1. Chlen na Redaktsionnata kolegiia, "Stroitelstvo" (for Kolev).

RUSEV, St., inzh.; KARAIVANOV, Al., inzh.; KOLEV, St.

Production, transportation, and mounting of circular ferroconcrete prestressed sectional reservoirs with a 10,000 m^3 capacity in the Burgas Petrochemical Combine. Stroitelstvo 11 no. 2:19-26 Mr-Ap '64.

BULGARIA

Lt Col Gt KOLEV, Capt Al. SHCHEREV, Medical Corps (Meditsinskata sluzhba) and Chemist-Engineer (Inzhener-himik) L. HALACHEVA.

"Study of Water Sources on the Black Sea Coast."

Sofia, Voenno Meditsinsko Delo, Vol 7, No 4, Dec 1962; pp 62-67.

Abstract: Chemical analyses and coliform counts of 182 sources of drinking water along a belt reaching 10 to 30 km. inland from the Black Sea coast of Bulgaria. The area is divided into 8 zones. The water in the areas of the cities of Varna, Burgas and Dobrudzia was generally the best; that in the zone next to the Turkish border was worst from the bacterial standpoint. Discussion of geological strata and various other factors affecting both mineral composition and microbial contents. No references.

1/1

KOLEV, Stoian, inzh.; DRAGANOV, Tikhol, inzh.

Determination of shrinking capacity in textile fabrics.
Tekhnika Bulg 12 no. 10:18-20, 29 '63.

DIMOV, Kiril, prof. d-r inzh.; KOLEV, Stoian, inah.

Electrophotometric method of determining crease resistance of fabrics. Tekstilna prom 13 no. 1:23-26 '64.

DIMOV, Kiril, prof. d-r; KOLEV, Stoian, st. pr. inzh.; DRAGANOV, Tikhol, as. inzh.

The new DKD apparatus for the determination of crease resistance. Tekstilna prom 11 no.5:22-26 '62.

BALEV, P. (Troian); MUTAFCHIEV, D. (Burgas); PAPARO, A. (Sofia); ANCHEV, St. (Teteven); SAVOV, T. (Burgas); KOLEV, Tsv. (s. Stambolovo, Turnovsko); DANEV, M. (Ivailovgrad); RADEV, At. (IAmbol); PETKOV, V. (Sofia); SIMEONOV, As. (Gara Bov); NEDEV, R. (Varna); KATIRANSKI, Iv. (s. Dragichevo, Pernishko); TRENCHEV, TR. (St. Zagora); KURCHEV, G. (Sofia)

Solutions to mathematics problems from Vol. 5, no.5, 1962.
Mat i fiz Bulg 6 no.2:161-63 Mr-Ap '63.

KOLEV, T.

"From our experiences working with sliding cement molds."

STROITELSTVO, Sofiia, Bulgaria, Vol. 6, no. 6, 1959

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, ~~Jun~~ Sept. 59, Unclas

KOLEV,T.; NESHEV, Iord.

Apropos of morbidity with temporary loss of work capacity among Higher Medical Institute workers. Nauch. tr. vissh. med. inst. Sofia 42 no.3:71-82 '63.

1. Predstavena ot prof. d-r. A.Panev, rukovoditel na Katedrata po organizatsiia na zdraveopazvaneto i istoriia na meditsina-ta, Vissh.med. inst., Sofiia.

NATOV, I.; KOLEV, T.

Bulgaria's civil defense is getting stronger. Voen. znan. 41 no.1: 20 Ja '65. (MIRA 18:2)

KOLEV, V.

Summer care of vineyards. p. 14.
(Kooperatvino Zemedelie, Vol. (12) no. 5, May 1957. Sofiia, Bulgaria)

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

KOLEV, V.

AGRICULTURE

Periodical KOOPERATIVNO ZEMEDELIE. No. 10, Oct. 1958.

KOLEV, V. Let us introduce long pruning of grapevines. p. 26.

Monthly List of East Europeans A c cessions (EEAI) LC, Vol. 8, no. 3, March, 1959. Uncl.

KYDREV, T.G.; KOLEV, V.M.

Thermal treatment of dry wheat seeds and its effect on plants.
Fiziol.rast. 8 no.5:576-581 '61. (MIRA 14:10)

1. Plant Breeding Institute of Bulgarian Academy of Sciences, Sofiya.
(Plants, Effect of heat on) (Seeds)

BEKIAROVA, E.; ANGELOVA, V.; KOLEVA, D.; RUSCHEV, D.

Determination of gallium in certain Bulgarian coals and in the products of their industrial processing. Godishnik khim tekh 8 no.1:153-158 '61 [publ. '62].

L 15612-66 EWT(F)/EWG(m) DS/RM

ACC NR: AP6008205 SOURCE CODE: BU/0011/65/018/004/0323/0326

AUTHOR: Shishkov, D.; Koleva, E.

37
B

ORG: none

TITLE: Study of the behavior of molybdenum (VI) in acetic acid solution of ion-exchange resins

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 4, 1965, 323-326

TOPIC TAGS: molybdenum compound, ion exchange resin, acetic acid, organomolybdenum compound, molybdenum

ABSTRACT: The present paper forms a part of a series of studies on the state of molybdenum (VI) in various organic acid solutions (see, e.g., Compt. rend. Adac. bulg. Sci., 17, 1964, No. 10, 909; Ibid., 17, 1964, No. 10, 905). Since these earlier investigations did not produce firm conclusions concerning the complex forms of Mo(VI), the authors turned to the acetic acid solution and applied the ion exchange method for the study of molybdenum complex formation in acetic acid when the acidity of the solution was kept constant in the Na_2MoO_4-CH_3COOH-H_2O at 0.1 geq/l. The curves obtained enable one to trace the kind of complexes formed,

Card 1/2

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L 15612-66
ACC NR: AP6008205

the limits of the molecular ratio of Na_2MoO_4 and CH_3COOH within which they are formed, and the way they are absorbed by the cationite and anionite. This paper was submitted by Academician D. Ivanov, 09 November 1964. Orig. art. has: 4 figures. [JPRS]

SUB CODE: 07 / SUBM DATE: none / ORIG REF: 003 / OTH REF: 003

Card 2/2

L 00158-66 EWP(j)/ETC/EWG(m)/EWP(b)/T/EWP(t) IJP(c) RM/DS/JD/JG
ACCESSION NR: AP5025539 BU/0011/65/018/003/0223/0226

AUTHOR: Shishkov, D.; Koleva, E.

TITLE: Study of the behavior of tungsten(VI) in acetic acid solutions of ion-exchange resins

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 3, 1965, 223-226

TOPIC TAGS: tungsten, acetic acid, solution property, ion exchange resin, ion exchange

ABSTRACT: /English article/ Although the ion exchange method is widely used for the study of the properties of metallic ions, the properties of tungsten in the presence of complex-binding substance have not been studied in detail yet. Consequently, the tungsten behavior in acetic acid has been studied. Cationites KY-1 and KY-2 and wofatite CN in H-, Na-, and NH_4 forms as well as anionites EDE-10 and EDE-10p in acetate form were used. The characteristics and method of application of the above resins were studied by the same authors (Compt. rend. Acad. bulg. Sci., 18, 1965, No 4). Here they present curves showing the amount of absorbed W. Orig. art. has: 4 graphs.

Card 1/2

L 00158-66

ACCESSION NR: AP5025539

2

ASSOCIATION: Mining and Geological Institute, Darvenitsa, Sofia

55

SUBMITTED: 00	ENCL: 00	SUB CODE: IC, GC
NR REF SOV: 000	OTHER: 006	JPRS

Card 2/2

SHISHKOV, D.; KOLEVA, E.

Study of the behavior of molybdenum (VI) and tungsten (VI) in citric acid solution of ion-exchange resins. Doklady BAN 17 no.10:909-912 '64.

1. Submitted May 16, 1964.

KOLEVA, Ek.; AZMANOVA, St.

A readers conference on the theme "Regulation of Chemical Processes." Biol i khim 6 no. 3:51-53 '63.

8(0)

SOV/112-59-4-7342

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 4, p 127 (USSR)

AUTHOR: Koleva, I.

TITLE: On the Problem of Measuring Current With Current Transformers in Circuits Containing Mercury Rectifiers

PERIODICAL: Sb. stud. nauchn. rabot. Mosk. in-t inzh. zh.-d. transp., 1957, Nr 1, pp 13-20

ABSTRACT: Considerable measurement errors arise when the power transformers of rectifying installations are oscillographed via current transformers. The error is determined by the nature of current variation in time and by the secondary-circuit time constant:

$$T_2 = (W_2^2 \mu S_i l_i^{-1} + L_p + L_n) \cdot (R_p + R_h)^{-1}$$

where W_2 is the number of turns of the secondary, μ is the core magnetic permeability, S_i is the core cross-section, l_i is the length of the average line of force, R_p and L_p are resistance and leakage inductance of the secondary,

Card 1/2

On the Problem of Measuring the Current With Current Transformers in Circuits . . . .

L_n and R_n are load inductance and resistance. If the load resistance and leakage are neglected,

$$T_2 = \mu S_c S_i \rho^{-1} l_b^{-1} l_i^{-1} \text{ sec}$$

where S_c is the current-transformer winding total section, ρ is the winding resistivity, l_b is the mean turn length. For an ordinary TPF current transformer with a burden represented by a standard 45-mv shunt, the time constant $T_2 \approx 0.1$ sec. The analysis given in the article shows that for a number of widely used input functions $i_1(t)$, this value of T_2 is too low and results in considerable error. Conventional current transformers are not suitable for measuring current in rectifier circuits. Special current transformers with $S_c/S_i = 0.3\text{-}0.5$ (for conventional types, this ratio is 0.03-0.06) should be manufactured. Such a special transformer would be 1.5-2 times larger in size than the conventional transformer.

V.M.L.

KOLEVA, Ivanka

Possibility of using perlite in agriculture. Selskostop nauka 1 no.6:686-687 '62.

KOLEVA, M.

KOLEVA, M. How the laboratory of the V. L. Lenin Metallurgical Plant carries on its work. P. 53.

Vol. 5, no. 9, 1956
TEZHKA PROMISHLENOST
TECHNOLOGY
Sofia, Bulgaria

So: East European Accession, Vol. 6, no. 3, Mar. 1957

KOLEVA, M

H

5

V The effect of crystallizing conditions on the inclusion of phenol in potassium chloride crystals. E. Kirkova, G. Bliznakov, and M. Koleva. *Godishnik Sofiiskiya Univ. Fiz.-Mat. Fak.* 53, No. 3, 43–50(1958–59) (Pub. 1959)(German summary).—The concn. of phenol in KCl crystals increases if the initial concn. of phenol in the mother soln. is increased. A satn. point is reached at a phenol concn. of 1.6–2.0% and further increases in this concn. have no effect. Small quantities of phenol are absorbed on the cryst. surface, but here again a satn. value is reached at a phenol concn. of 1.2%. Mixing of the soln. during crystn., increasing the temp., and oversatn. of the soln. with KCl, all lower the phenol concn. in the crystals. The max. concn. of phenol in the crystals, at optimum conditions, was found to be 0.04%. A. Aladjem

V/21

KIRKOVA, E.; BLIZNAKOV, G.; KOLEVA, M.

State of crystallization and its influence on the addition of phenol to the crystals of potassium chloride. Godishnik khim 53 no.3:43-50 '58/'59 [publ. '59].

KOLEVA, Penka

Effect of the checkrow and narrow-row sowing on hard wheat.
Selskostop nauka 2 no.10:1245-1250 '63.

KAISHEV, Kr., dots., k. t. n.; NIKOLOV, R.; KOLEVA, S.

Quantitative interpretation of chromatograms in gas chromatography and analysis of gas mixtures. Godishnik khim tekh. 9 no. 3:75-87 '62 [publ. '63]

1. Responsible Editor, "Godishnik na Khimiko-tekhnologicheskiia institut" (for Kaishev).

KAISHEV, K.; NIKOLOV, R.; KOLEVA, S.

On the quantitative interpretation of chromatograms in gas chromatography during gas mixture analysis. Doklady BAN 17 no.2:141-144 '64.

1. Submitted by Academician D.Ivanoff [Ivanov, D.].

KOLEVA, V.

Koleva, V. With the help of agricultural technology. p. 4, KOOPERATIVNO ZEMEDELIE. Sofiya. Vol. 10, no. 7, July 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

KOLEVA-SHAKUTKOVSKAYA, M.

COUNTRY : YUGOSLAVIA
CATEGORY : Plant Diseases. Diseases of Forest Species 0

ABS. JOUR. : RZhBiol., No. 23 1958 No. 104968

AUTHOR : Koleva-Shakutkovskaya, M.
INST. :
TITLE : On the Sanitary Conditions of the Plantations of Karaorman Forest Complex. .

ORIG. PUB. : Shumarski pregl., 1957, 5, No. 1-2, 42-54

ABSTRACT : The effect is described of abiotic (wind, snow, frost) and biotic (fungi; Microsphaera alphitoides on oak, Fomes igniarius on poplar*, F. fomentarius on the dead wood tissue of beach) factors influencing the sanitary condition of Karaorman-Slavej forest complex (Okhridskiy okrug, Macedonian People's Republic, Yugoslavia. --G. A. D'yakova

*Rhytisma acerinum on maple,

CARD: 1/1

KOLEVA, Zl.

Laboratory experiments in human anatomy and physiology. Biol i khim 6 no. 3:32-35 '63.

1. 31 sr. politekhnichesko u-shte, Sofiia.

KOLEVA-SHEKUTKOVSKA M.

YUGOSLAVIA/Plant Diseases. Diseases of Forest Species 0-2

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 91942

Author : Koleva-Shekutkovska, M.
Inst :
Title : A Threat to the Chestnut Woods in Macedonia

Orig Pub : Shumarski pregl., 1957, 5, No 3-4, 35-40

Abstract : This article gives an account of the history of the spread of trunk cankers in chestnut trees (Endothia parasitica) in a number of countires, chiefly in Europe and USSR (Caucasus). The disease is native to China and Japan and was imported from America. The manner in which the disease spreads and its diagnosis are described. The canker has not been reported in Macedonia although its existence in a latent state is possible. In this connection strict control, prophylactic measures and means for disease control are indispensable. All of these are described. -- G.A. D'yakova

Card : 1/1

MITKOV, L., inzh.; KOLEVA-SLAVOVA, V., inzh.

Line production of radio and television receivers in the Weak-Current Plant of Sofia. Mashinostroene 12 no.5:3-7 My '63.

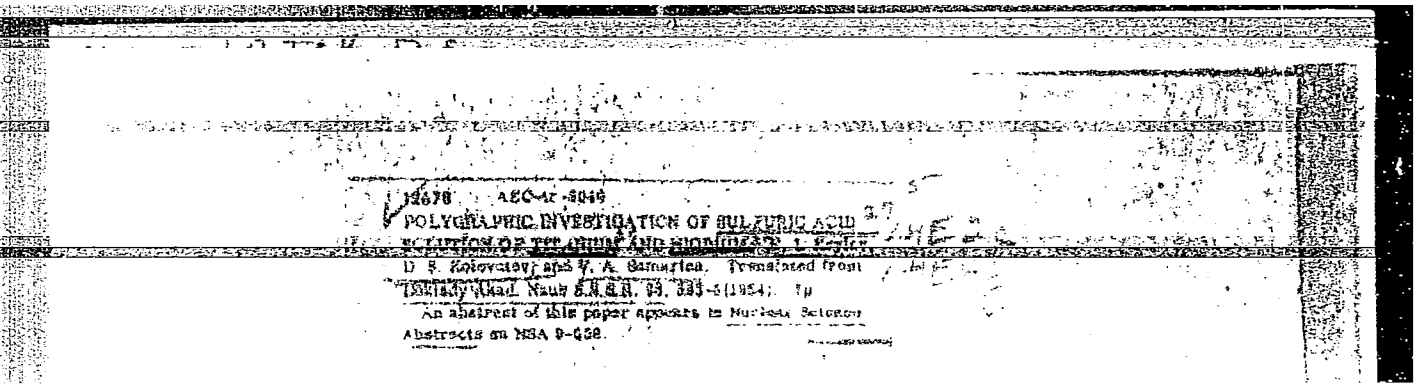
SHEVALDIN, Ivan Yegorovich; KOLEVATOV, Boris Dmitriyevich; ISAYEVA, V.V., ved. red.; VOROB'YEVA, L.V., tekhn. red.

[Drilling involving water flushing to design depth; practices of petroleum workers of the Tatar A.S.S.R.] Burenie skvazhin s promyvkoi vodoi do proektnoi glubiny; opyt neftianikov Tatarii. Moskva, Gostoptekhizdat, 1962. 84 p. (MIRA 15:7)
(Tatar A.S.S.R.—Oil well drilling)

KOLEVATOV, B.V.

Mobile electric welding unit. Gor. zhur. no. 12:62-63 D '61.
(MIRA 15:2)

1. Nachal'nik uchastka vodosnabzheniya Lebyazhinskogo rudnika, Vysokogorskoye rudoupravleniye, g. Nizhniy Tagil.
(Electric welding)
(Mining engineering--Water supply)

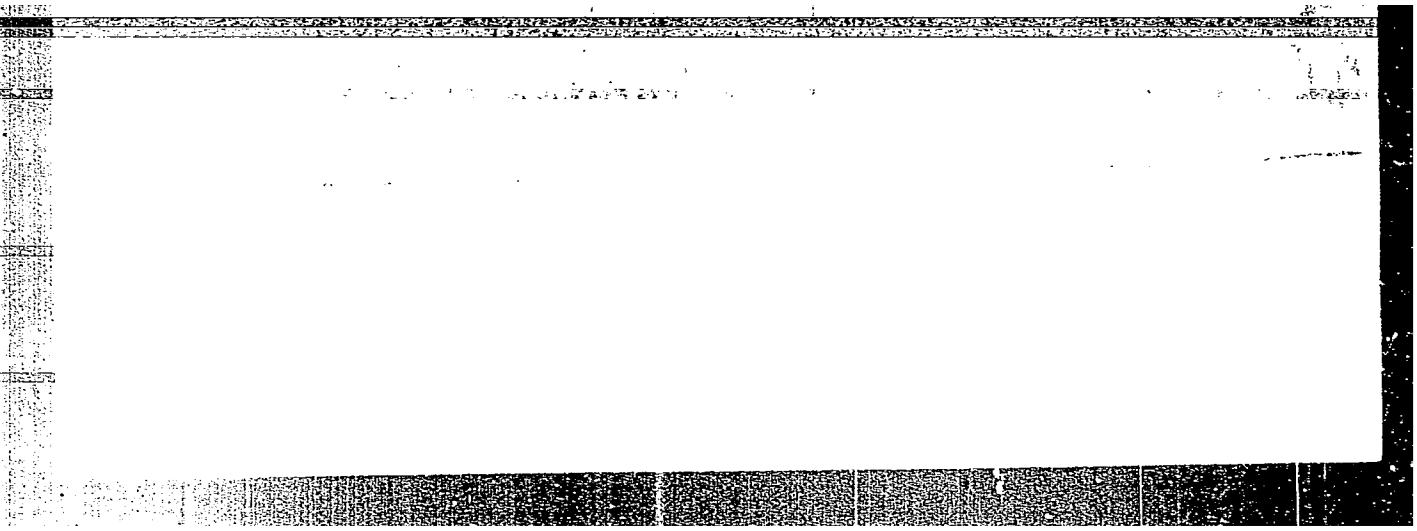


12678 AEC-tr-3049

POLYGRAPHIC INVESTIGATION OF SULFURIC ACID

D. S. Kolovetov and V. A. Samarina. Translated from Doklady Akad. Nauk S.S.S.R. 99, 385-8 (1954). 7p

An abstract of this paper appears in Nuclear Science Abstracts as NSA 9-458.



APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723820014-4"

KOLEVATOV, K.G.

How we are striving to improve feed quality. Veterinariia 35 no.9:41-43 S '58. (MIRA 11:9)

1. Predsedatel' Kaluzhskogo rayispolkoma.
(Feeding and feeding stuffs)

KOLEVATOV, P. A., Cand Med Sci -- (diss) "On the effect on the organism of industrial dusts from the mines of the Kizelovsk coal basin," Perm', 1960, 13 pp (Perm' State Medical Institute) (KL, 39-60, 116)

OSIPOV, Yu.A.; SYSUYEV, V.A.; KOLEVATOV, P.A.; ZHANDAROV, O.V.; DOBRYNIN, A.V.; ULITENOK, V.P.

Mining a seam subject to bumps using the method of water injection into the seam. Ugol' 39 no.8:65-67 Ag '64. (MIRA 17:10)

1. Permskiy nauchno-issledovatel'skiy ugol'nyy institut (for Osipov, Sysuyev, Kolevatov). 2. Shakhta im. Kalinina kombinata Kizelugol' (for Zhandarov, Dobrynin, Ulitenok).

KOLEVATOV, P. A., Cand Med Sci -- "~~Concerning~~ On the effect of the industrial dust of the Kizelov coal basin upon the organism." Sverdlovsk, 1961. (Sverdlovsk State Med Inst) (KL, 8-61, 261)

KOLEVATOV, P.A.; SAKHAROV, A.S.; ZELENKIN, V.A.; OVSYANKIN, A.D.

Using dry foam for eliminating dust from ball and tube mills. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch. i tekh. inform. 16 no.10:5-6 '63. (MIRA 16:11)

ZYRYANOV, Ye.G.; KOLEVATOV, P.A.; OSIPOV, Yu.A.

Introduction of the PERMNIUI-4 dust collector. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. 17 no.6: 26-27 Je '64. (MIRA 17:11)

KOLEVATOV, P.A.; SAKHAROV, A.S.; ZELENKIN, V.A.; DEMIN, V.S.; OVSYANKIN, A.D.

Combatting dust in the sintering department of the Chusovoy Metallurgical Plant. Nauch. trudy Perm NIUI no. 4:164-170 '62.

Sanitary and hygienic working conditions in the production of ferrovanadium and combatting dust during the grinding of charging materials in ball mills. Ibid.:171-178 (MIRA 17:6)

OSIPOV, Yu.A.; OBUKHOV, N.N.; KUTSYN, N.I.; KOLEVATOV, P.A.

PermNIUI-10 equipment for injecting water into a seam. Nauch. trudy PermNIUI no.6:191-202 '64. (MIRA 18:2)

ZYRYANOV, Ye.G.; KOLEVATOV, P.A.; OSIPOV, Yu.A.; KOZHEVNIKOV, V.N.

Industrial testing and introduction of dry PermNIUI-4 dust collectors at the Lenin Mine of the Kizelugol' Combine. Nauch. trudy PermNIUI no.6:215-223 '64.

(MIRA 18:2)

OSIPOV, Yu.A.; KOLEVATOV, P.A.; SYSUYEV, V.A.; ZYRYANOV, Ye.G.; KUCHERSKIY, L.V.

Preventing bumps in coal mines by pressing water into the seam. Biul. tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. 17 no.7 12-13 Jl '64. (MIRA 17:10)

OSIPOV, Yu.A.; OBUKHOV, N.N.; KUTSYN, N.I.; KOLEVATOV, P.A.

Introducing the PERMNIUI-10 equipment set for injecting water into a seam. Biul.tekh.ekon.inform.Gos.nauch.-issl.inst.nauch.i tekh.inform.17 no.10:16-18 .) '64. (MIRA 18:4)

KOLEVATOV, V.N.; BOGACHEV, I.N.

Effect of the shape and size of graphite on gray cast iron plasticity. Fiz. met. i metalloved. 13 no.2:258-262 F '62. (MIRA 15:3)

1. Institut metallurgii Ural'skogo filiala AN SSSR i Ural'skiy politekhnicheskiy institut im. S.M.Kirova.
(Cast iron--Metallography) (Plasticity)

KOLEVATOV, V.N.; BOGACHEV, I.N.

Resistance to divorcement as one of the characteristics of the structural strength of cast iron. Fiz. met. i metalloved. 13 no.4:546-549 Ap '62. (MIRA 16:5)

1. Ural'skiy politekhnicheskiy institut imeni S.M.Kirova i Institut metallurgii Ural'skogo filiala Akademii nauk.
(Cast iron—Metallography)

MITIN, B.A.; PASHIN, Yu.D.; KOLEVATOV, V.N.; LOZOVSKIY, V.N.

Exchange of experience. Zav.lab. 28 no.10:1259-1261 '62.
(MIRA 15:10)

1. Chelyabinskiy politekhnicheskiy institut(for Mitin). 2. Saratovskiy institut mekhanizatsii sel'skogo khozyaystva imeni Kalinia(for Pashin). 3. Ural'skiy filial AN SSSR(for Kolevatov).
(Testing machines)

EWA(h)/EWT(m) DM

ACCESSION NR: AP5012484 UR/0089/65/018/004/0416/0418 20 19

539.121.72 + 539.122

Yermakov, S. M.; Yefimenko, B. A.; Zolotukhin, V. G.; Yu. A.; Kukhtevich, V. I. 19

Spatial and energy distribution and dose rate of gamma of unidirectional and isotropic sources of Co-60 at the air interface

Atomnaya energiya, v. 18, [illegible], 416-418

TOPIC TAGS: gamma radiation, spatial [illegible] energy distribution, unidirectional source, isotropic [illegible] source, air interface

ABSTRACT: The article presents the [illegible] measurements and calculations of the spatial [illegible] distributions of gamma radiation from a unidirectional [illegible] source (average energy 1.25 MeV) at a source-detector [illegible] 15 and 30 cm for the source and detector [illegible] height (2, 10,

meters) above ground. The measurements and the calculations ... ried out for two angles (60 and ...) ... orientation of the ... form of a sphere 0.005 ... tional source. The source was in the ... with total aperture ... diameter, covered with a shadow shield ... with NaI(Tl) ... The detector was a scintillation spectrometer ... The variant of the ... with diameter and height 0.04 meters. ... of the gamma radiation ... method used for the calculation of the ... was describ- ... known as the method of local flux calculation ... fiziki zashchity ... authors elsewhere (in collection: ... edited by D. L. ... (Problems in Reactor Shielding Physics; ... Gosatomizdat, 1963, p. 171). A comparison of the cal- ... et al., ... and measured spatial and energy distributions of the scatter- ... radiation shows a spreading of the maxima in the experimen- ... owing to the finite energy resolution of the spectrometer ... relatively large aperture of the source angle. The calcula- ... measured spatial and energy distributions of scattered gamma ... tion from an isotropic source are in better agreement and prac- ... coincide with distribution for infinite height. The cal- ... and experimental dose rates from a unidirectional and from

ON NR: AP5012484

...opic source are also in good agreement. The authors thank ...blik, and K. G. Ivanov for help with the experiment.
...l article has: 3 figures, 2 formulas, and 2 tables.

...ATION: None

...TED: 13Aug64 ENCL: 00 SUB CODE: NP

... SOV: 002 OTHER: 000

L 05382-67 EWT(m) JR/GD

ACC NR: AT6027941 SOURCE CODE: UR/0000/66/000/000/0216/0225

47
44
13+1

AUTHOR: Kolevatov, Yu. I.; Kukhtevich, V. I.; Trykov, O. A.

19

ORG: None

TITLE: Energy distribution and dose rate of gamma quanta scattered at the air-earth interface

SOURCE: Voprosy fiziki zashchity reaktorov (Problems in physics of reactor shielding); sbornik statey, no. 2. Moscow, Atomizdat, 1966, 216-225

TOPIC TAGS: gamma radiation, angular distribution, radiation source

ABSTRACT: The authors study the angular energy distribution of scattered γ-radiation from an isotropic point source (Co^{60}) at source-to-detector distances of 50 and 30 m and heights above ground level of 2-53 m. A method is proposed for determining the scattering field of γ-radiation close to the boundary between two media based on an analysis of the results of this work and a comparison with the data in the literature. The geometry of the experiment is shown in the figure. About 70 energy distributions were measured in all covering a range of 12-180° for θ and 0-140° for φ. The results show that the parameters h, R, θ and φ have a characteristic effect on the form of the angular energy distributions. Sharp maxima are observed in the energy region above

Card 1/2

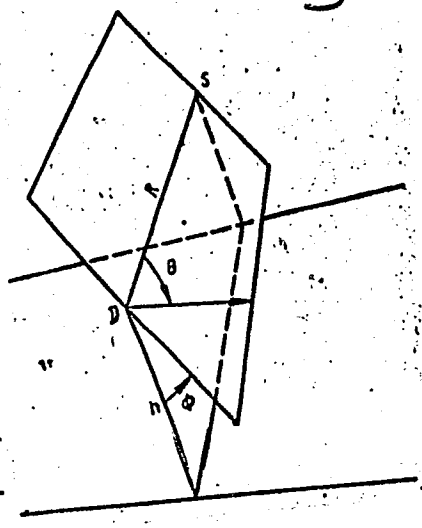
L 05382-67

ACC NR: AT6027941

3

0.22 Mev due to single scattering of γ-quanta from the surface of the earth at an angle ψ given by the expression

$$\operatorname{tg}\psi = \frac{2\sin^2\theta}{\sin 2\theta - \frac{2h}{R\cos\psi}}$$



In the limiting case at an infinite distance from the surface of the earth the angular energy distributions have a maximum in the region of approximately 0.22 Mev due to single scattering of γ-quanta through an angle π. The spatial energy distributions of scattered γ-quanta from an isotropic point source also show a maximum in the region of approximately 0.22 Mev which disappears with a reduction in the ratio h/R. A comparison of the theoretical and experimental data for the spatial distribution of the dose rate of scattered γ-radiation from an isotropic source close to the earth-air interface as a function of h and R shows agreement with an average accuracy of ±20%. The authors thank Yu. V. Fadeyev, A. I. Novikov and N. I. Soldatov for assistance with the work. Orig. art. has: 7 figures, 2 tables, 7 formulas.

SUB CODE: 18/ SUBM DATE: 12Jan66/ ORIG REF: 008/ OTH REF: 004

Card 2/2

EWT(m) Peb DIAAP DM

ACCESSION NR: AP5009116 S/0089/65/018/003/0252/0253 12 B

AUTHOR: Kolevatov, Yu. I.; Khukhtevich, V.I.; Matusevich, Ye.S.; Trykov, O.A.

TITLE: Angular and energy distribution of scattered Gamma radiation from an isotropic source in an infinite aerial medium 19

SOURCE: Atomnaya energiya, v. 18, no. 3, 1965, 252-253

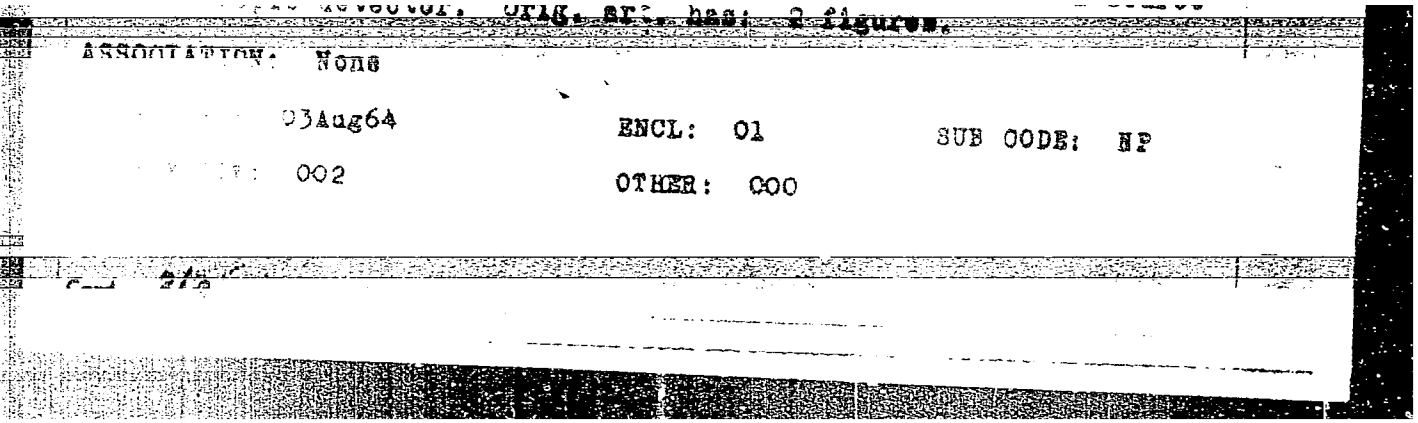
TOPIC TAGS: Gamma scattering, angular distribution, energy distribution, Gamma moderation

ABSTRACT: This is a companion to a preceding paper in the same (accession AP5009115), dealing with a unidirectional source. ...r and energy distributions of scattered gamma quanta from ^{60}...

The angular and energy distributions of scattered gamma quanta from

like isotropic source of Co^{60} in an infinite air medium was
ted experimentally at two distances from the source (15 and
different angles between the source-detector direction and
metry axis of a unidirectional detector (12--180°). The energy
of the gamma-quanta were measured with single-crystal scin-
spectrometer using NaI(Tl) crystal in a lead collimator-

with collimation angle 10 ± 0.2°. The matrix method was
process the apparatus distributions of the pulses. The
e shown in Fig. 1 of the Enclosure. The average accuracy
15%, but the error can reach 100% in places where the back-
ones larger than the effect. The angular distribution of
intensity of the scattered gamma-radiation to the total dose
ends linearly on the angle



ASSOCIATION: None

03Aug64 ENCL: 01 SUB CODE: NP

002 OTHER: 000

KOLEVATOVA, A. I., Cand of Vet Sci -- (diss) "Clinical Course of an Experimental Uncinariasis in Dogs in the Process of Developing a Pathogen," Kirov, 1959, 22 pp (All-Union Institute of Helminthology im K. I. Skryabin) (KL, 6-60, 124)

: USSR G
GORY : Zooparasitology - Parasitic Worms

ABS. JOUR. : RZBiol., No. 19 1958, No. 86329

AUTHOR : Kolevatova, A.I.
INST. : Kirov Agricultural Institute
TITLE : The Growth of Uncinaria in the Dog

ORIG. PUB. : Tr. Kirovskogo S.-Kh. In-ta, 1957, Vol.12, No.24, 169-173

ABSTRACT : In the intestine of experimentally infected pups uncinaria reached the invasivestage in the 12th to 16th day, in the intestine of dogs it reached this stage on the 15th to 20th day, the first molting being completed in 46-72 hours, and the second in 6 to 10 days. The structure of the buccal capsule is described.

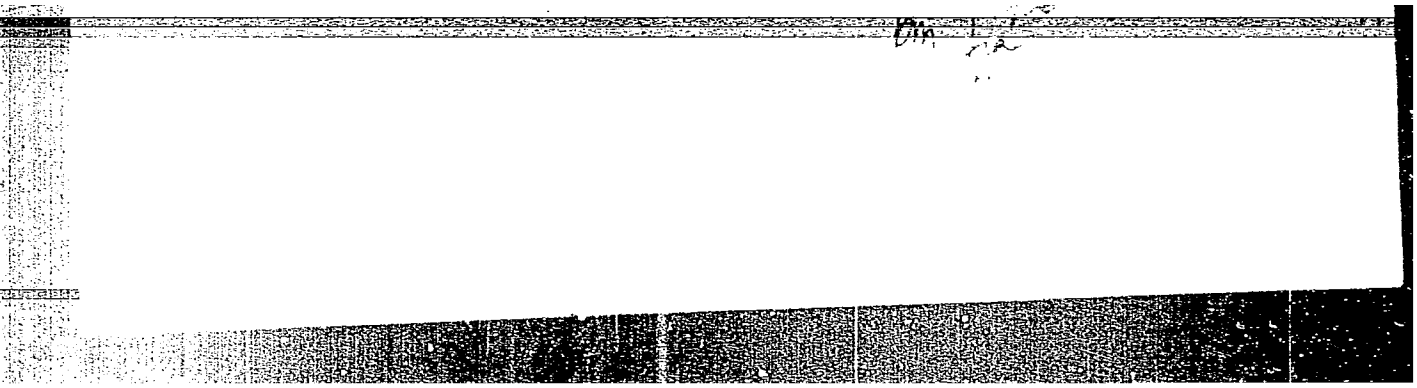
CARD: 1/1

KOLEVATOVA, V.A.

LEVIN, A.I.; UKSHE, Ye.A.; KOLEVATOVA, V.A.

Mechanism of the action of surface-active substances on the electrodeposition of metals. Zhur.fiz.khim. 28 no.1:116-126 Ja '54.
(MLRA 7:5)

1. Ural'skiy politekhnicheskiy institut im. S.M.Kirova, Sverdlovsk.
(Surface-active agents) (Electroplating)

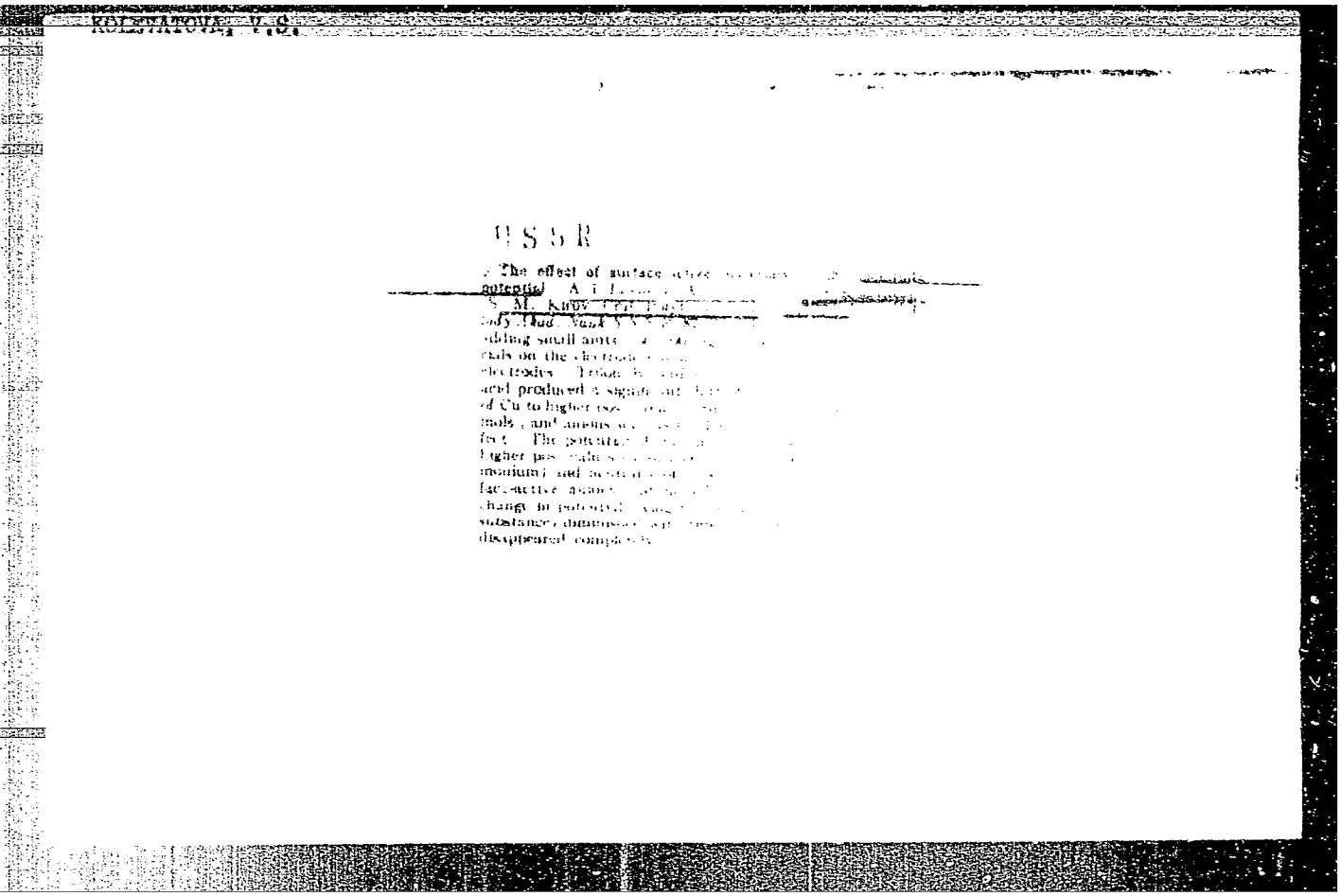


APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723820014-4"

KOLEVATOVA, V. S.

"Influence of Surface Active Substances on the Electro-Precipitation and Corrosion of Zinc." Min Higher Education USSR, Ural'sk Polytechnic Inst imeni S. M. Kirov, Chair of the Technology of Electrochemical Production, Sverdlovsk, 1952
(Dissertation for the Degree of Candidate of Technical Sciences)

SO: Knizhnaya Letopis', No. 32, 6 Aug 55

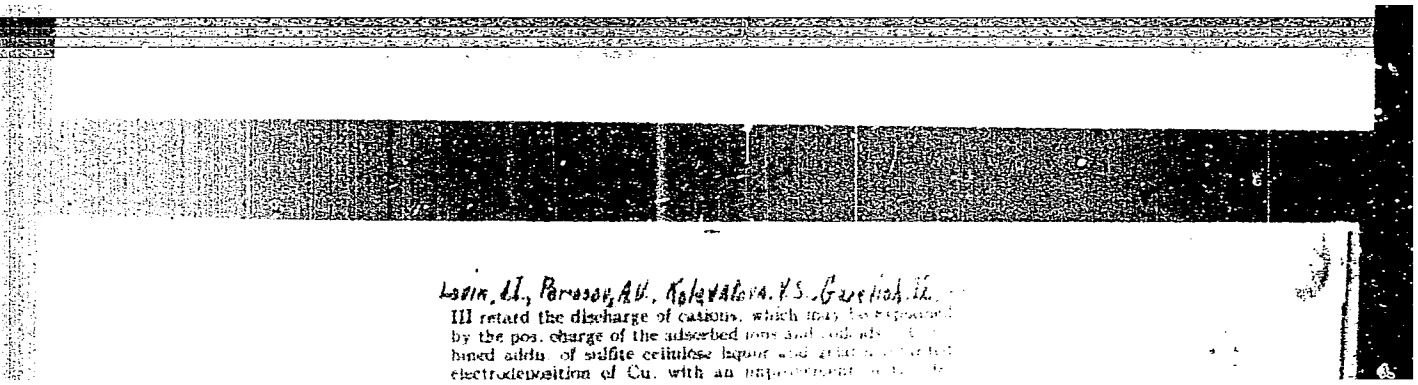


U S S R

LEVIN, A.I.; KOLEVATOVA, V.S.; MIKRUSHIN, S.G.

Effect of surface-active substances on the wetting of cathodic zinc by the electrolyte. Koll.zhur. 15 no.4:252-258 '53. (MLRA 6:8)

1. Ural'skiy politekhnicheskiy institut imeni S.M.Kirova. Laboratoriya elektrokhimii i kolloidnoy khimii (Sverdlovsk).
(Surface-active agents) (Zinc plating)

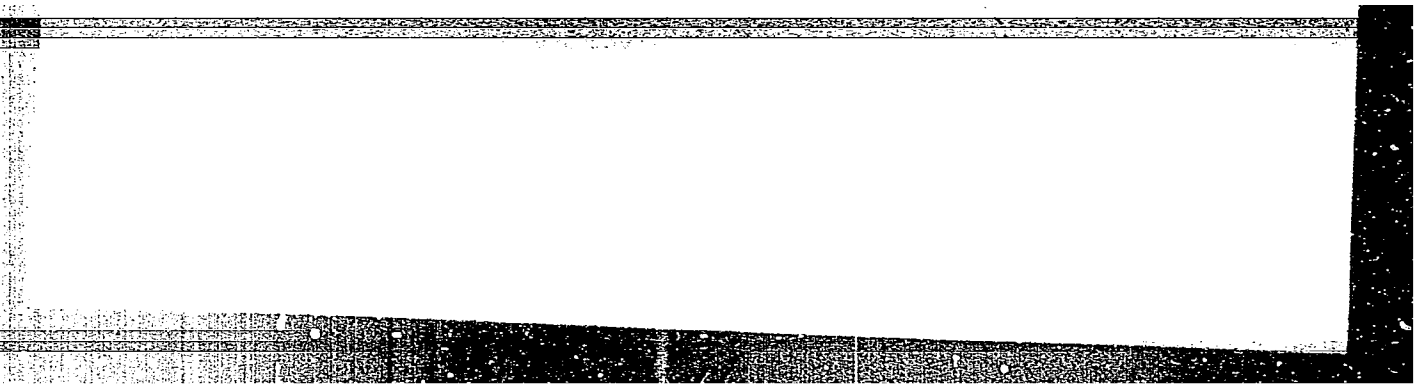


Lavin, A.I., Parasoe, A.V., Kolesnikova, V.S., Gorelov, A.

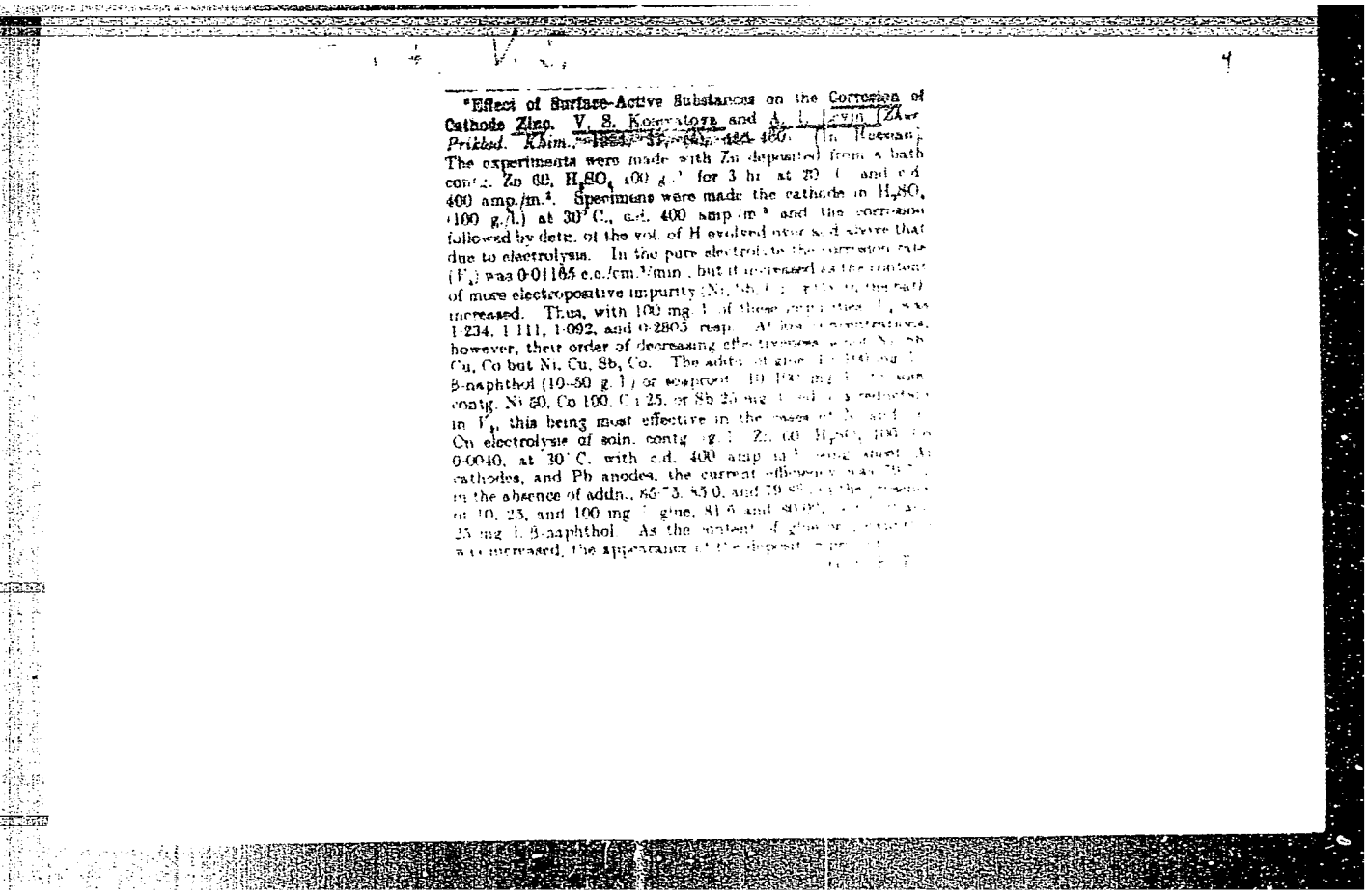
III retard the discharge of cations, which may be explained by the pos. charge of the adsorbed ions and colloids. The combined addn. of sulfite cellulose liquor and [illegible] electrodeposition of Cu, with an improvement

[illegible], A.I., Pimenov, A.F., Kolesnikova, V.S., Gurevich, I.E., ...

—Cu, contg. Sb 0.018, As 0.03, S 0.012, Al 0.001, ... Pb 0.018, and Ni 0.1–3%, was electrorefined at [illegible]



APPROVED FOR RELEASE: 09/18/2001 CIA-RDP86-00513R000723820014-4"



"Effect of Surface-Active Substances on the Corrosion of Cathode Zinc. V. S. Kovertsova and A. [illegible] Zh. Prikhd. Khim., [illegible] (in Russian).

The experiments were made with Zn deposited from a bath conta. Zn 60, H_2SO_4 100 g./l. for 3 hr. at 20° C. and c.d. 400 amp./m.^{2}. Specimens were made the cathode in H_2SO_4 (100 g./l.) at 30° C., c.d. 400 amp./m.^{2} and the corrosion followed by dets. of the vol. of H evolved over set. It was that due to electrolysis. In the pure electrolyte the corrosion rate (V_1) was 0·01165 c.c./cm.^{2}/min., but it increased as the content of more electropositive impurity (Ni, Sb, [illegible]) in the bath increased. Thus, with 100 mg. l. of these [illegible] V_1 was 1·234, 1·111, 1·092, and 0·2805 resp. At low concentrations, however, their order of decreasing effectiveness was Ni, Sb, Cu, Co but Ni, Cu, Sb, Co. The addn. of glue (10–50 mg./l.) and β-naphthol (10–50 g./l.) or wetprool (10 [illegible] mg./l.) to soln. contg. Ni 50, Co 100, Cu 25, or Sb 25 mg./l. [illegible] in V_1, this being most effective in the case of Ni and Cu electrolysis of soln. contg. g./l. Zn 60, H_2SO_4 100, Co 0·0040, at 30° C. with c.d. 400 amp./m.^{2} [illegible] cathodes, and Pb anodes, the current efficiency was [illegible] in the absence of addn., 65·73, 85·0, and 79·85% in the presence of 10, 25, and 100 mg./l. glue, 81·6 and 80·0%, [illegible] 25 mg./l. β-naphthol. As the content of glue or [illegible] was increased, the appearance of the deposit [illegible]

KOLEVATOVA, V. S.

Subject : USSR/Chemistry AID P - 916

Card 1/1 Pub. 152 - 7/22

Authors : Kolevatova, V. S. and Levin, A. I.

Title : Causes of the inhibition of corrosion of cathodic zinc in the presence of surface-active substances

Periodical : Zhur. prikl. khim., 27, no. 5, 506-513, 1954

Abstract : Study of the effect of surface-active substances on the overvoltage of hydrogen and on the critical current density of metals (nickel, cobalt, copper, and antimony) has shown that with increase in the concentration of the surface-active substances the overvoltage of hydrogen increases to a certain limit and then decreases gradually. The anodic potential of zinc dissolution becomes positive when surface-active substances are introduced into the solution. Two tables, 6 diagrams, 9 references (Russian: 1932-1954).

Institution : None

Submitted : Jl 12, 1952

KOLEVATOVA, V.S.

USSR/Chemistry - Electrodeposition

Card 1/1 Pub. 147 - 17/26

Authors : Levin, A. I.; Ukshe, E. A.; and Kolevatova, V. S.

Title : Effect of surface-active substances of the electrodeposition of metals

Periodical : Zhur. fiz.khim. 28/1, 116-126, Jan 1954

Abstract : The effect of surface-active substances on the electrode potentials in the absence of current was investigated. The position of the zero point of the metal and its effect on the change of the equilibrium potentials with time was determined. It was established through study of the effect of surface-active substances on the electrode polarization that such substances have highly inhibiting effect on the cathod process. Nineteen USSR references (1919-1953). Tables; graphs.

Institution : The S. M.Kirov-Ural Polytechnicum, Sverdlovsk

Submitted : March 28, 1953

KOLEVATOVA, V.S.

USSR/ [illegible]

Card : [illegible]

Authors : Krylov, S. I.; Kolevatova, V. S. and Samarin, A. M.

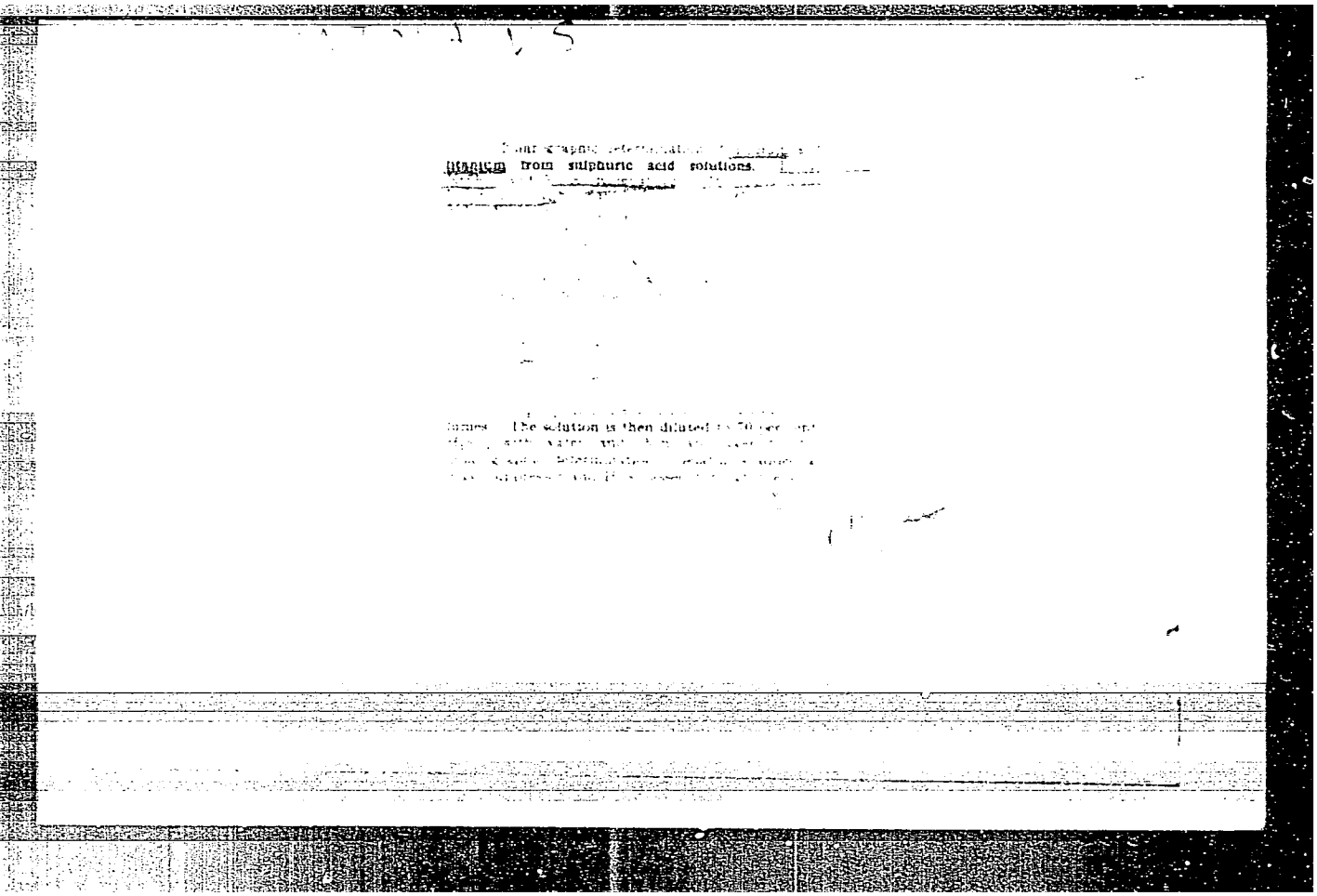
Title : Polarographic investigation of titanium and niobium sulfate solutions

Periodical : Dok. AN SSSR 98/4, 593-595, Oct. 1, 1954

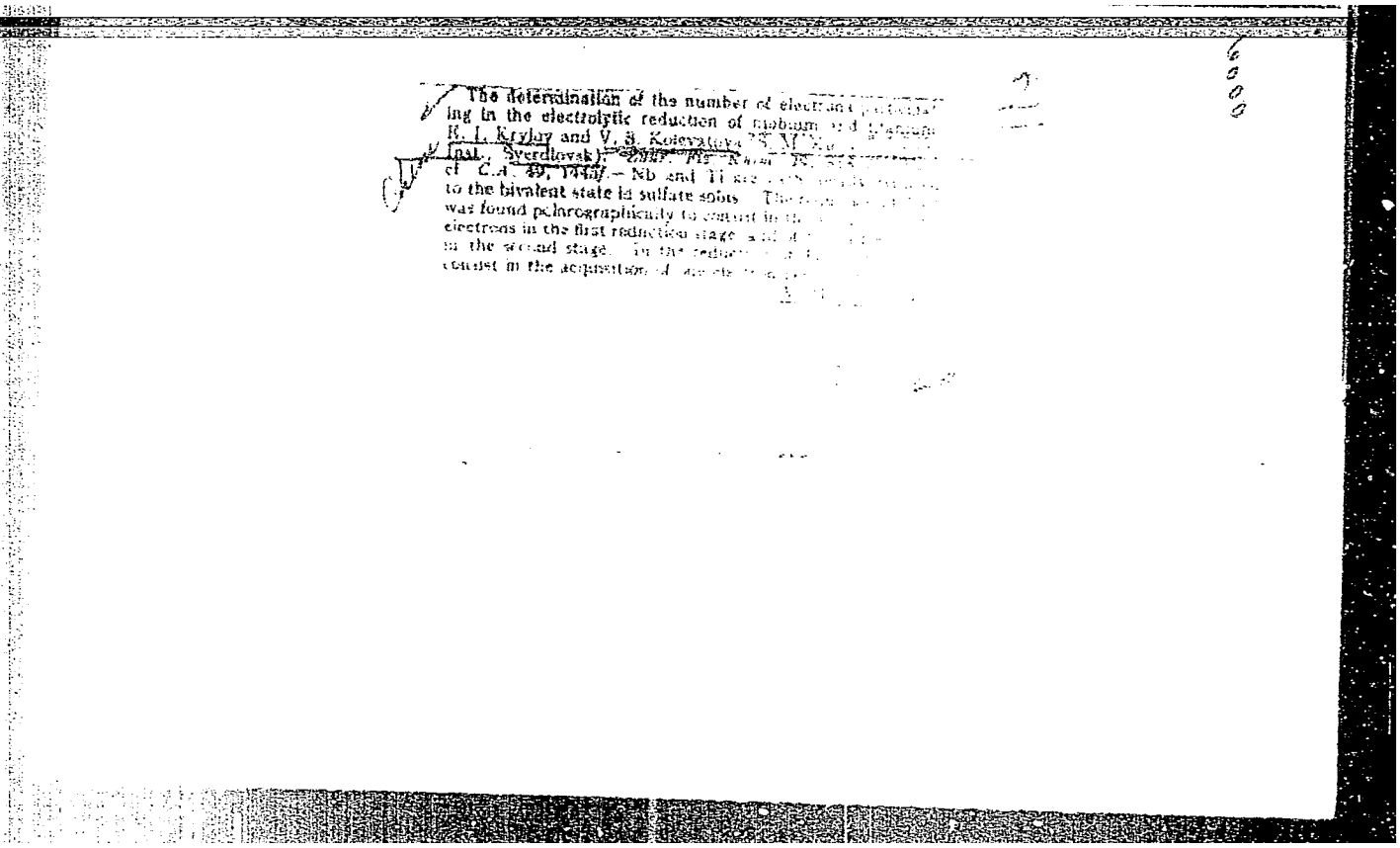
Abstract : Experiments were conducted to determine the possibility of obtaining Nb and Ti waves from their sulfate solutions and to establish the basic conditions for polarographic quantitative determination of Ti and Nb during their combined presence in the solution. The results obtained indicate that during cathode reduction of Nb and Ti from their sulfate solutions, over a mercury drop cathode, certain clearly expressed waves, corresponding to ion overcharge processes, appear on the polarogram. Five references: 2-Czech; 2-USSR and 1-German (1919-1953). Table; graphs.

Institution : The S. M. Kirov Ural Polytechnicum

Presented by : Academician I. P. Bardin, March 18, 1954



uranium from sulphuric acid solutions.



The determination of the number of electrons participating in the electrolytic reduction of niobium and titanium
R. I. Krylov and V. S. Kolevatova
Inst., Sverdlovsk)
Cf. C.A. 49, 1449f. – Nb and Ti are
to the bivalent state in sulfate solns.
was found polarographically to consist in the
electrons in the first reduction stage and
in the second stage. In the reduction
consist in the acquisition of

KRYLOV, Ye.I.; KOLEVATOVA, V.S.

Polarography of electrode reactions in the reduction of niobium and titanium from sulfate solutions. Zhur.anal.khim. 11 no.2: 144-148 Mr-Ap '56. (MLRA 9:8)

1. Ural'skiy politekhnicheskiy institut imeni S.M. Kirova.
(Polarography) (Niobium) (Titanium)

KOLEVATOVA, V. S.

USSR/ Physical Chemistry - Electrochemistry B-12

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 11362

Author : Krylov Ye.I., Kolevatova V.S.
Title : Concerning Electrolytic Reduction of Niobium in Solutions of Its Sulfate

Orig Pub : Zh. prikl. khimii, 1956, 29, No 8, 1292-1295

Abstract : Study of the influence current density i, temperature and composition of electrolyte, on yield, on basis of current consumption (YC), in the electrolysis of solutions of Nb(5+) (RZhKhim, 1955, 25890). YC is considerably higher with Pb than with Hg. On increase of i, on lowering of temperature and of Nb(5+)-concentration, YC drops. On increase of H_2SO_4 content YC increases only slightly. The results obtained are attributed to the influence of the factors under study on the diffusion rate of Nb(5+) to the cathode.

1/1

LEVIN, A.I.; KOLEVATOVA, V.S.

Mechanics of the action of antimony on the electrodeposition and stripping of cathodic zinc. TSvet.met.29 no.9:28-34 S '56. (Zinc--Electrometallurgy) (Antimony) (MLRA 9:10)

KOLEVATOVA, V.S.; SUKMANOV, V.F., red.; SUKMANOVA, K.G., tekhn. red.

[Protection of metals from corrosion] Zashchita metallov ot korrozii; iz opyta predpriiatii Permskogo sovnarkhoza. Perm', Permskoe knizhnoe izd-vl, 1961. 66 p. (MIRA 15:2)
(Corrosion and anticorrosives)

PSHENICHNOV, R.A.; KOLEVATOVA, Ye.A.

Opsonophagocytic test in Volyn' rickettsiosis. Zhur. mikrobiol., epid. i immun. 41 no.9:144-145 S '64. (MIRA 18:4)

1. Permskiy institut vaktsin i syvorotok.

BONDIN, M.A.; SINYAKOV, O.G., inzh.; SHIRKEVICH, N.S., inzh.; POPOVICH, M.V.; TATARNIKOV, M.N.; BALANDIN, A.A., inzh.; KHOLODKOV, N.Ye.; KOLEVATYKH, S.F., inzh.

Exchange of practices by the enterprises of economic councils. Torf. prom. 39 no.6:28-35 '62. (MIRA 16:7)

1. Kalininskiy sovet narodnogo khozyaystva (for Bondin). 2. 2. Torfopredpriyatiye Vasilevichi II (for Sinyakov, Shirkevich, Balandin, Kholodkov). 3. Nachal'nik konstruktorskogo byuro Tesovskogo transportnogo upravleniya (for Popovich). 4. Starshiy inzh. konstruktorskogo byuro Tesovskogo transportnogo upravleniya (for Tatarnikov). 5. Yaroslavskoye torfopredpriyatiye Yaroslavskogo narodnogo khozyaystva (for Kolevatykh).
(Peat machinery—Technological innovations)

KOLEVATYKH, S.F., inzh.

Paint sprayers operating by compression from diesel tractors.
Torf. prom. 36 no.5:32 '59. (MIRA 13:1)

1.Yaroslovskoye torfopredpriyatiye.
(Yaroslavl--Spray painting)

KOLEVATYKH, V.P. (Kuybyshev, obl. , Chkalovskiy spusk, d.2, kv.3)

Some characteristics of the course of acute appendicitis under conditions of trinitrotoluene poisoning. Vest. khir. 91 no.7: 81-83 Jl'63 (MIRA 16:12)

1. Iz gospital'noy khirurgicheskoy kliniki (zav. - prof. A.M.Aminev) Kuybyshevskogo meditsinskogo instituta.

OVSYANNIKOV, S.G., kand. ekon. nauk; GRINMAN, G.I.; SHIPUNOV, I.F.; DRANICHNIKOV, I.F.; TYABUT, M.A.; KOLEVICH, A.G., red.; TORKAYLO, I., red.; DIK, V., tekhn. red.

[Accounting and auditing on collective farms; practical aid] Bukhgalterskii uchet i revizionnaia rabota v kolkhozakh; prakticheskoe posobie. Minsk, Sel'khozgiz BSSR, 1961. 246 p. (MIRA 15:7)

(Collective farms—Accounting)

KOLEW, Elko, inz. (Bulgaria)

New technical products manufactured in Bulgaria. Przegl techn no. 27: 7. 8 Jl '62.