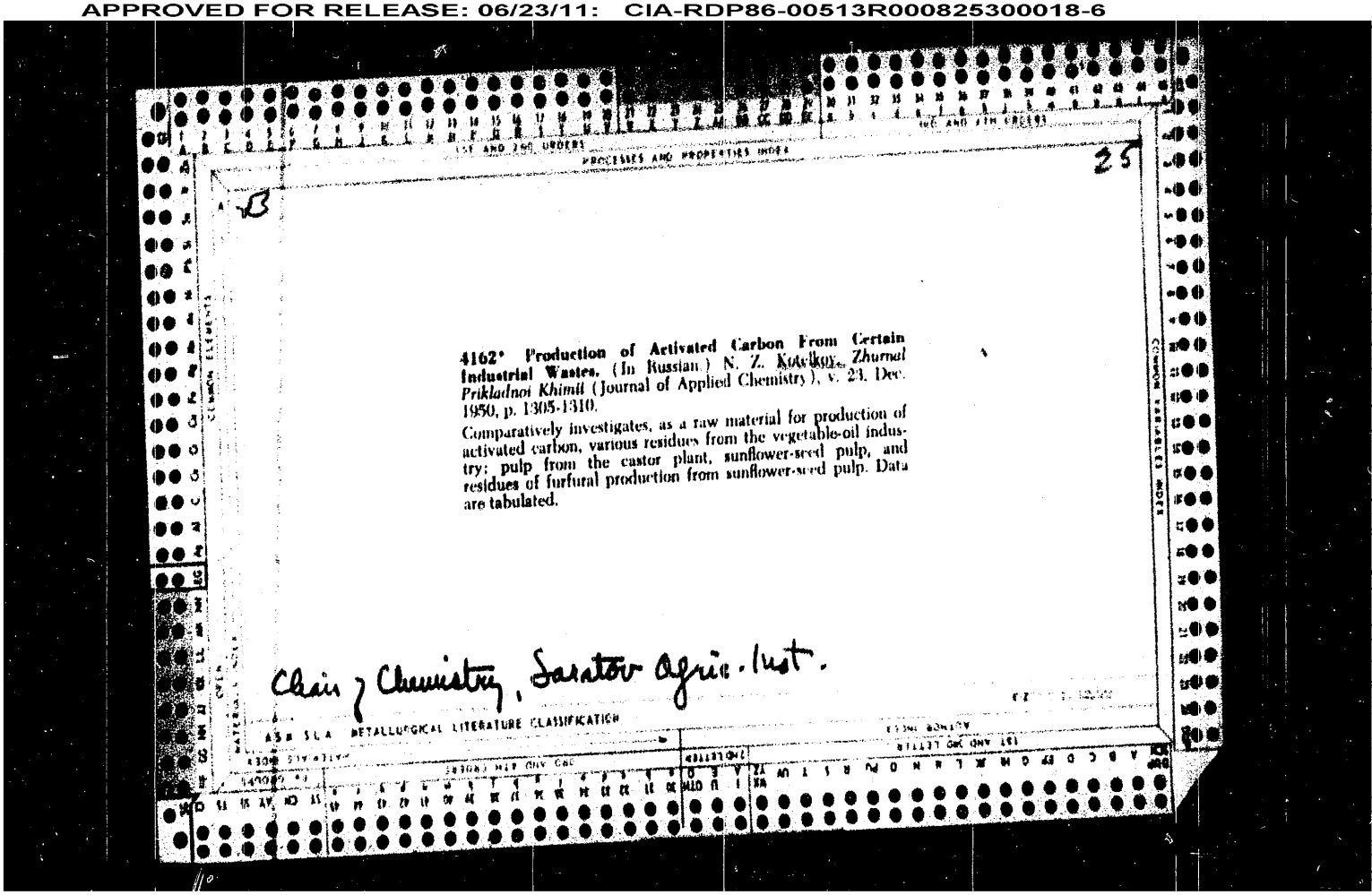
CA

21

Active carbon from some industrial wastes. N. I. Kotelkov (Saratov Agr. Inst.). *J. Applied Chem. U.S.S.R.* 23, 1387–92 (1950) (Engl. translation). Active C was produced from castor-seed (I) and sunflower-seed husks (II) (wastes from oil-extn. plants) and from the wastes (III) of furfural manuf. from the sunflower-seed husks. The yields of crude C were 39–42% from I, 32% from II, and 24–25% from fresh III and over 30% from the aged (stored for about a year) material. Both carbonization (dry distn.) and activation were effected in cylindrical iron retorts with a capacity of 250 ml., a diam. of 3.7 cm., and a wall thickness of 2 mm., heated in a tubular elec. furnace with temp. regulator. The charge of husks weighed 13–42 g., that of III 61–105 g., and that of crude C (for activation) 46–70 g. The optimum conditions for prepg. the crude C were: 3.5–5 hrs. at 750–802° for I; 5–7 hrs. at 700–800° for fresh III; and 5 hrs. at 750° for aged III. II, heated for 2.75 hrs. at 700° or 3.67 hrs. at 820°, gave C which activated poorly. A distn. temp. of 700–800° for 5–6 hrs. thus appeared to be most suitable for all of these wastes. Activation was accomplished by calcining the air-dry C, by calcining C previously liberally moistened with water, by calcining C first washed by decantation until neutral in reaction, and by steaming. The activities of the various prepns. were detd. by the adsorption of methylene blue and by the heat of wetting with benzene. III gave the most active C. Copious wetting of the crude C with water followed by calcining for 5–6 hrs. at 750–800° is an effective method of activation. Repeated moistening and calcining enhanced the activity of C prepd. by preliminary activation. Preliminary treatment of II with H_2SO_4 and steam (to produce III) was beneficial. Better activation was obtained with aged than with fresh III. The activated C from III was equal to the best com. specimens available. The presence of moisture during activation eliminates local overheating and regulates the reaction rate; this gives a more uniform product. The wts. of one l. of the various activated-C specimens were: I, 219 g.; II, 193 g.; III (>1 mm. diam.), 336 g.; III (<1 mm. diam.), 306 g.; com. activated C, 392–484 g. Pulverized C mixed with 5 parts acid tar (from a cracking plant) could be briquetted easily by heating to 70° under 200 atm. pressure. Granulated particles were obtained from the same type of mixt. with the aid of a meat-mincer type of machine, and the granulated particles were covered with C dust to avoid sticking.

S. I. Aronovsky



4162* **Production of Activated Carbon From Certain Industrial Wastes.** (In Russian) N. Z. Kovalkov, *Zhurnal Prikladnoi Khimii* (Journal of Applied Chemistry), v. 23, Dec. 1950, p. 1305-1310.

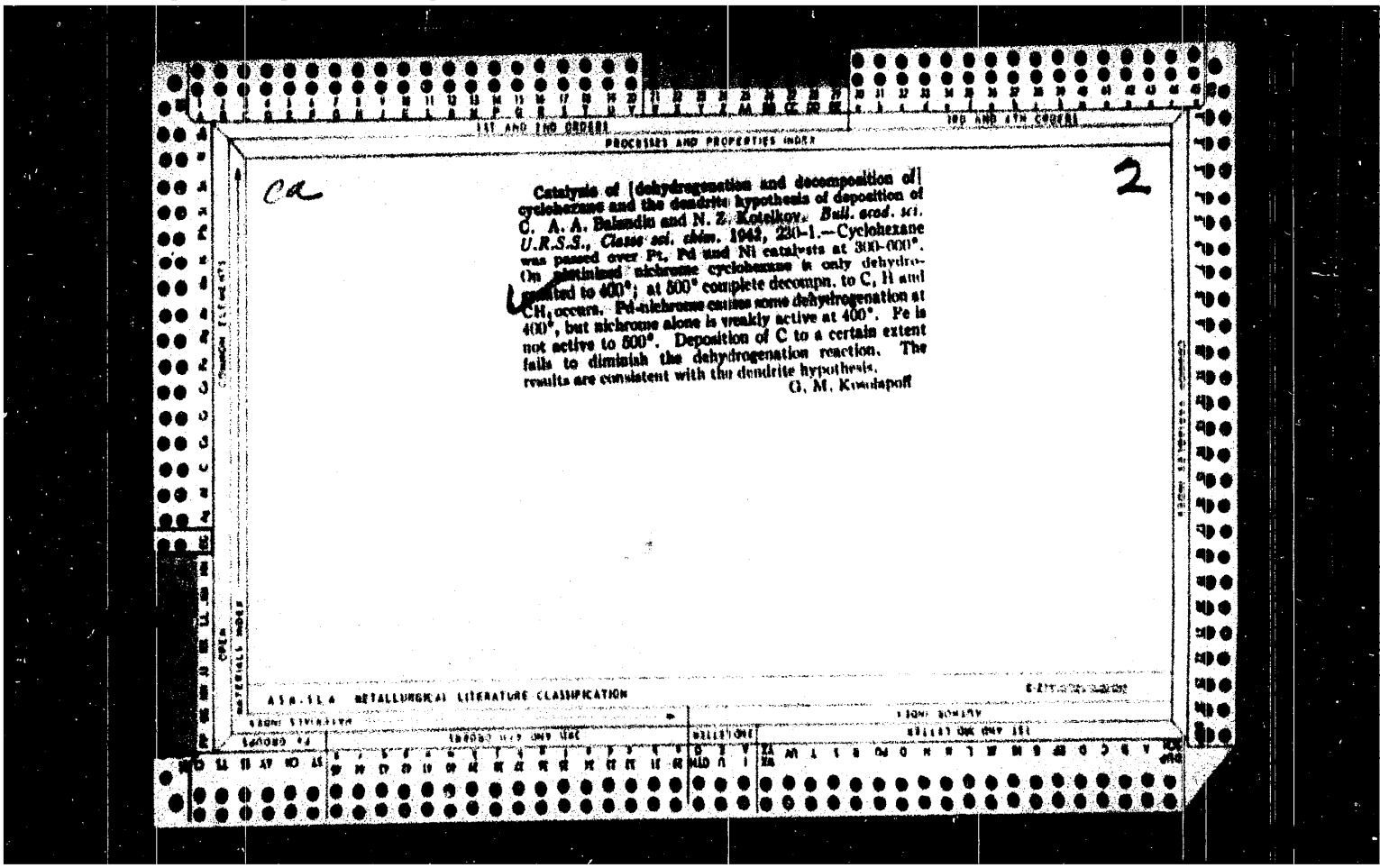
Comparatively investigates, as a raw material for production of activated carbon, various residues from the vegetable-oil industry; pulp from the castor plant, sunflower-seed pulp, and residues of furfural production from sunflower-seed pulp. Data are tabulated.

Chair of Chemistry, Saratov Agric. Inst.

C A

Gas analysis with the VTI apparatus. N. Z. Kotelkov (Saratov Agr. Inst.). *Zhur. Anal. Khim.* 5, 48–50(1950).—Better results in the analysis were obtained by replacing CuO with Pd-coated nichrome when detg. H and CH_4, and with Pt-coated nichrome when detg. CO, H, CH_4.
M. Hosch

Dendrite hypothesis of carbon deposition. Chemical behaviour of *cyclo*hexane when in contact with electrically heated metallic coils. A. Balandin and N. Kotelkov (*Acta Physicochim. U.R.S.S.*, 1943, **18**, 406—419).—The catalytic dehydrogenation and decomp. of *cyclo*hexane over Pt- and Pd-nichrome, nichrome, Cr-Fe, and Fe at 300—600° has been investigated. Nichrome, Cr-Fe, and Fe are inactive. Pd-nichrome is a poor catalyst. Pt-nichrome is a good catalyst at higher temp. The deposition of C does not diminish the dehydrogenation activity of the catalyst; on the contrary, the activity is increased. Deposition of C in the form of dendrites is suggested in explanation. C. R. H.



PROCESSES AND PROPERTIES INDEX

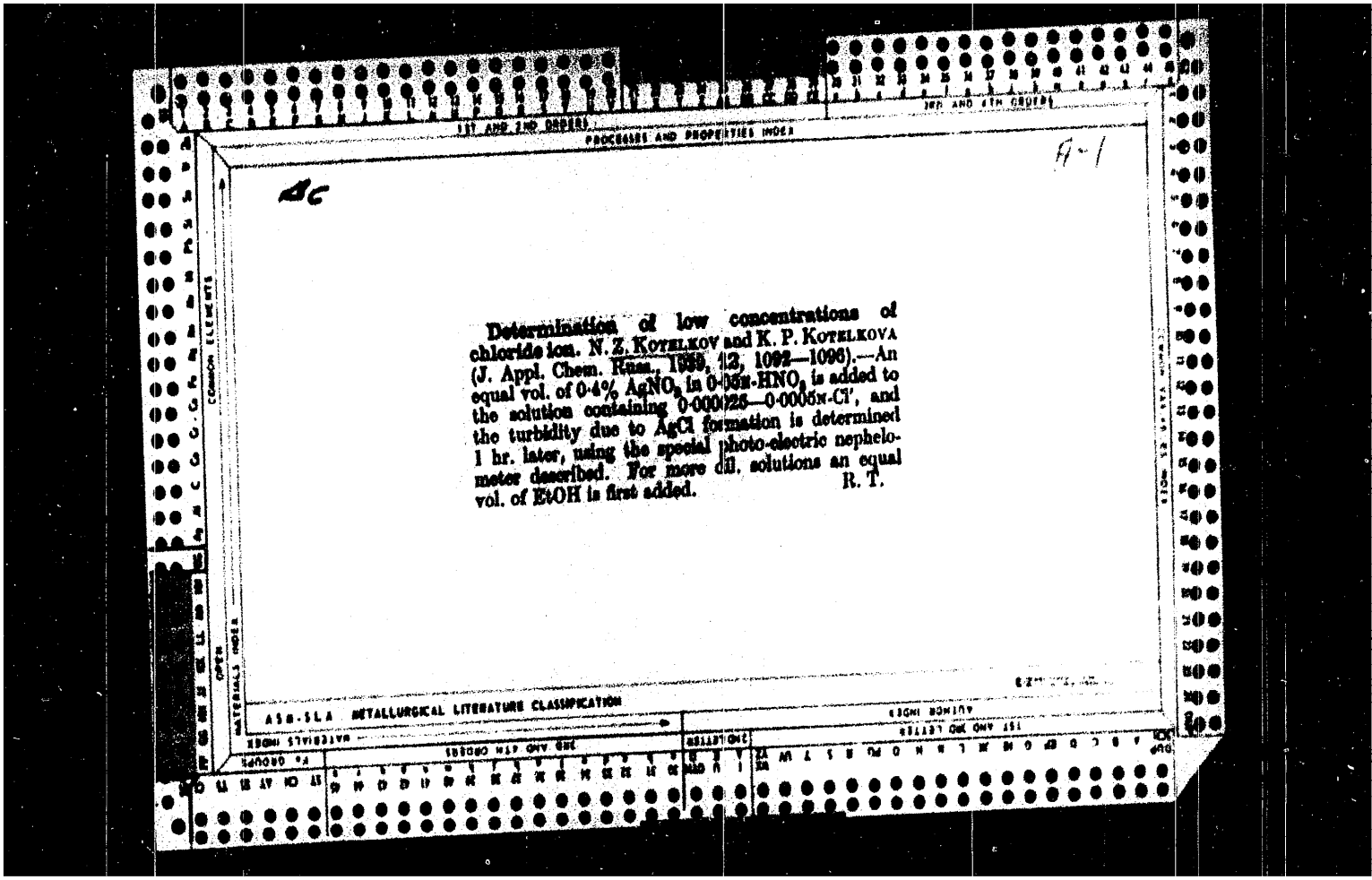
Ca

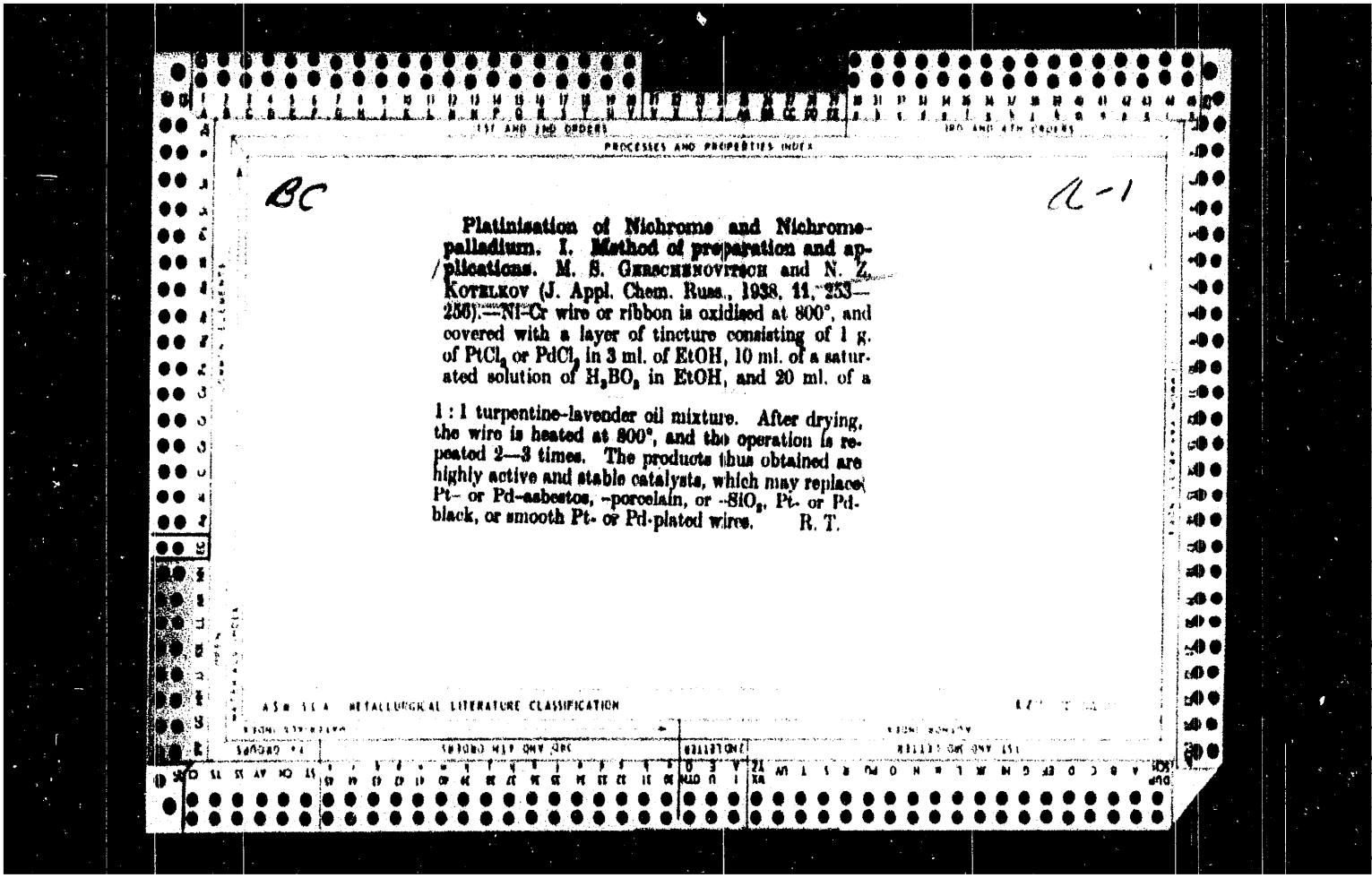
2

Catalysis of [dehydrogenation and decomposition of] cyclohexane and the dendrite hypothesis of deposition of C. A. A. Balandin and N. Z. Kotelkov. *Bull. acad. sci. U.R.S.S., Classe sci. chim.* 1942, 230–1.—Cyclohexane was passed over Pt, Pd and Ni catalysts at 300–600°. On platinized nichrome cyclohexane is only dehydrogenated to 400°; at 500° complete decompn. to C, H and CH_4 occurs. Pd-nichrome causes some dehydrogenation at 400°, but nichrome alone is weakly active at 400°. Fe is not active to 500°. Deposition of C to a certain extent fails to diminish the dehydrogenation reaction. The results are consistent with the dendrite hypothesis.

G. M. Kondapoff

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION





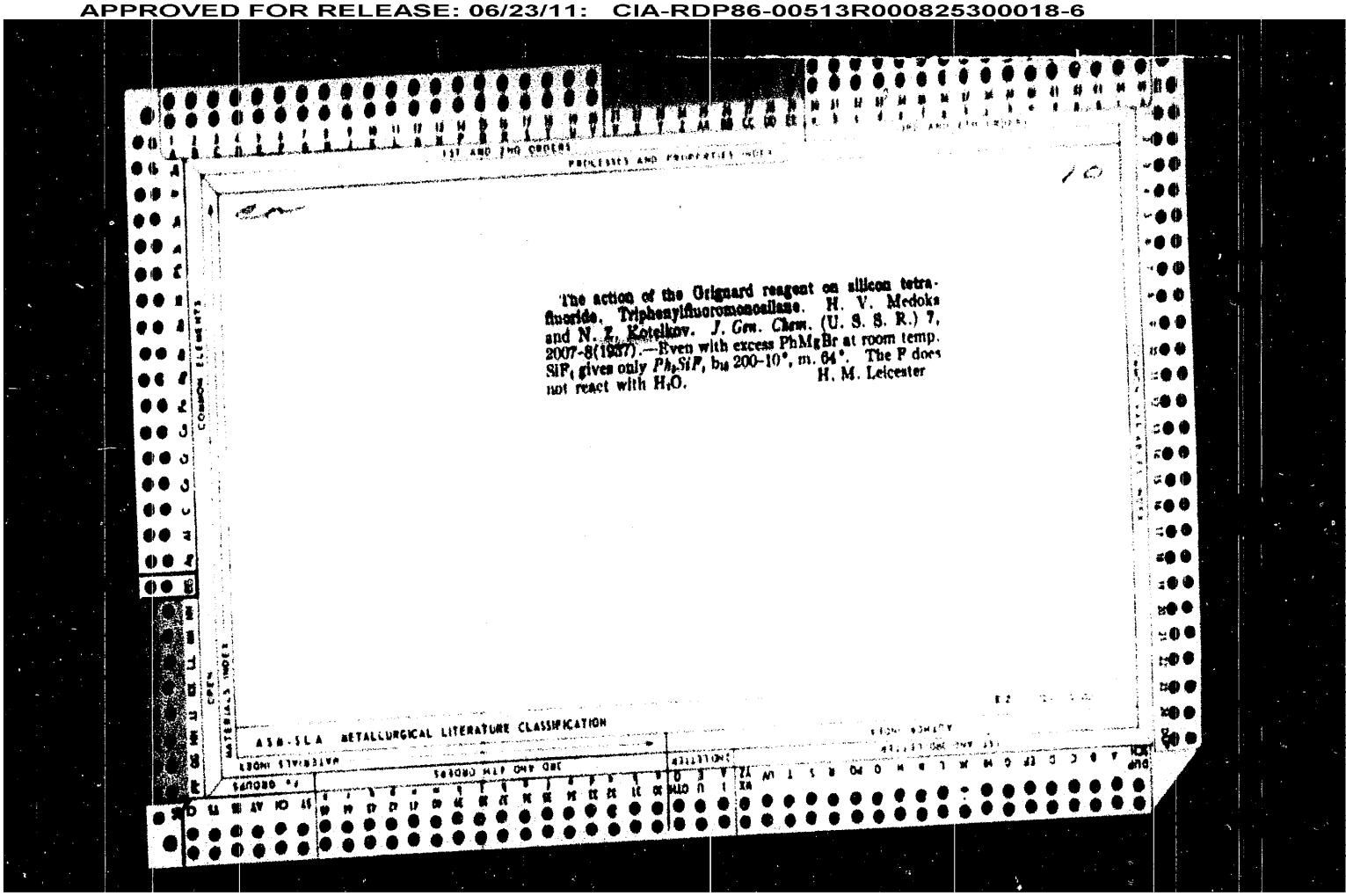
PROCESSES AND PROPERTIES INDEX

BC

A-1

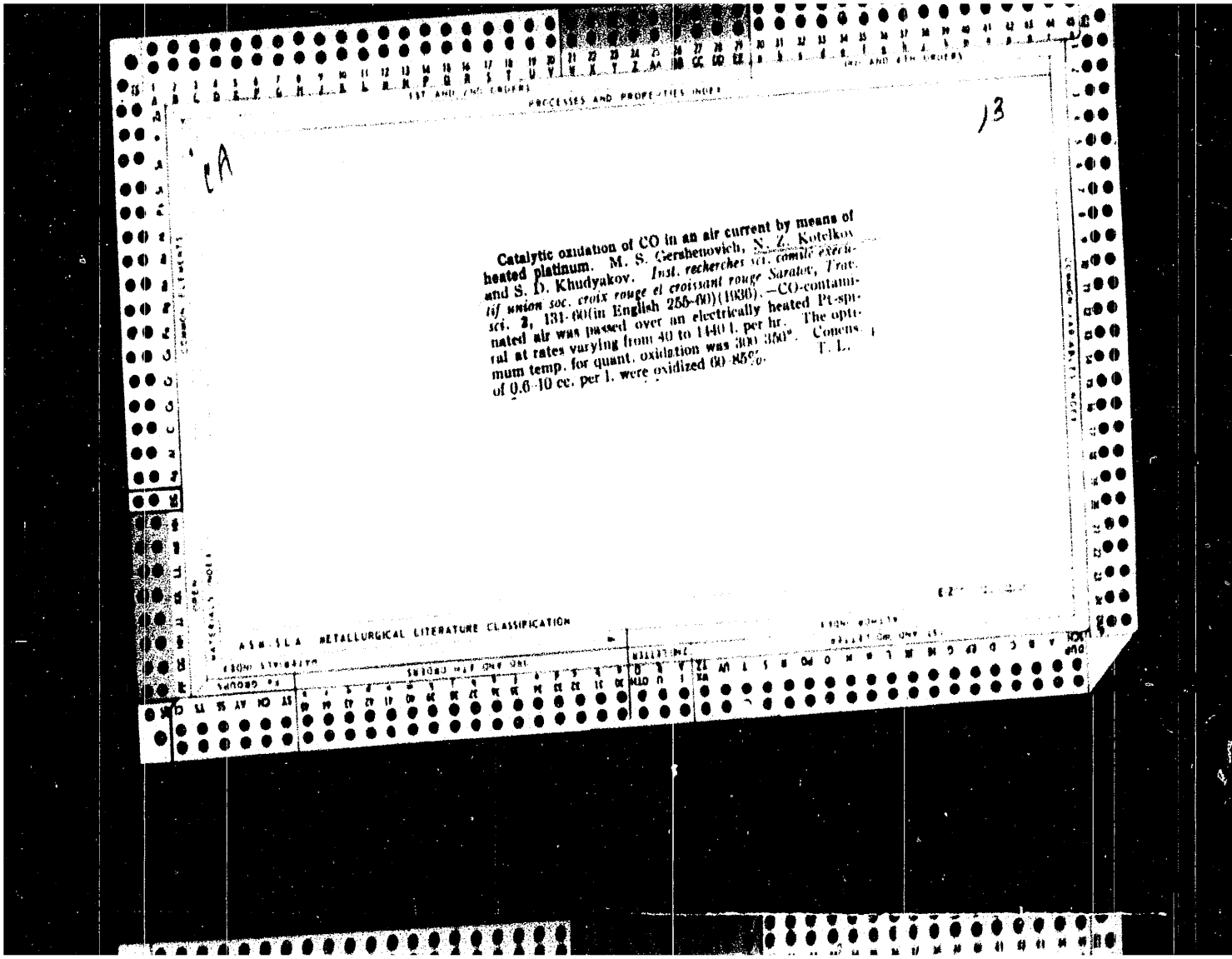
Platinisation of Nichrome and Nichrome-palladium. I. Method of preparation and applications. M. S. GRIGORIEVITSCH and N. Z. KOTELKOV (J. Appl. Chem. Russ., 1938, 11, 253—256).—Ni-Cr wire or ribbon is oxidised at 800°, and covered with a layer of tincture consisting of 1 g. of $PtCl_4$ or $PdCl_2$ in 3 ml. of EtOH, 10 ml. of a saturated solution of H_3BO_3 in EtOH, and 20 ml. of a 1 : 1 turpentine-lavender oil mixture. After drying, the wire is heated at 800°, and the operation is repeated 2—3 times. The products thus obtained are highly active and stable catalysts, which may replace Pt- or Pd-asbestos, -porcelain, or -SiO_2, Pt- or Pd-black, or smooth Pt- or Pd-plated wires. R. T.

ASM STEEL METALLURGICAL LITERATURE CLASSIFICATION

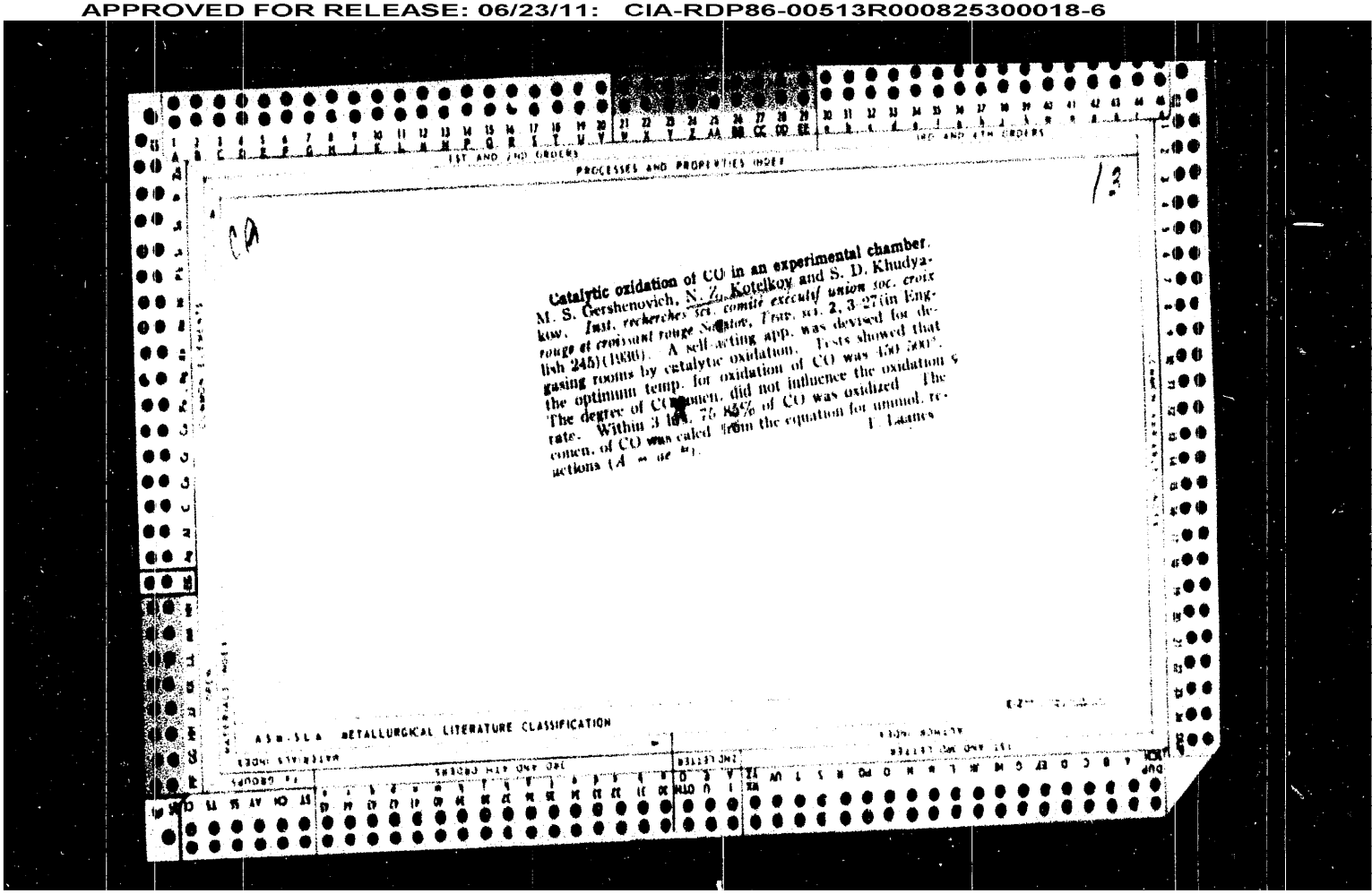


The action of the Grignard reagent on silicon tetrafluoride. Triphenylfluoromonosilane. H. V. Medoks and N. Z. Kotelkov. *J. Gen. Chem.* (U. S. S. R.) 7, 2007-8(1937).—Even with excess PhMgBr at room temp. SiF_4 gives only Ph_3SiF, b$_{18}$ 200–10°, m. 64°. The F does not react with H_2O.
H. M. Leicester

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION



Catalytic oxidation of CO in an air current by means of heated platinum. M. S. Gershenovich, N. Z. Kotelkov and S. D. Khudyakov. *Inst. recherches sci. comité exécutif union soc. croix rouge et croissant rouge Saratov, Trav. sci.* **2**, 131-60(in English 255-60)(1930).—CO-contaminated air was passed over an electrically heated Pt-spiral at rates varying from 40 to 1440 l. per hr. The optimum temp. for quant. oxidation was 300-350°. Concns. of 0.6-10 cc. per l. were oxidized 90-85%. T. L.



PROCESSES AND PROPERTIES INDEX

Catalytic oxidation of CO in an experimental chamber. M. S. Gershenovich, N. Z. Kotelkov and S. D. Khudyakow. *Inst. recherches Sci. comité executif union soc. croix rouge et croissant rouge Soviet., Trav. sci.* 2, 3-27(in English 245)(1930). A self-acting app. was devised for degassing rooms by catalytic oxidation. Tests showed that the optimum temp. for oxidation of CO was 450-500°. The degree of CO concn. did not influence the oxidation s rate. Within 3 hrs. 75-85% of CO was oxidized. The concn. of CO was calcd. from the equation for unimol. reactions ($A = ae^{-kt}$).

I. Lames

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

KOTELKOV, N. A., KOTELKOVA, K. P.

Alcohols

Quantitative determination of the dehydration of some alcohols Zhur. anal. khim. 7 No. 2, March - Apr. 1952

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

ZABLOCKI, Bernard; KOTELKO, Krystyna; SIDLOWSKI, Stanislaw

Further studies on the level and frequency of occurrence of Salmonella and Shigella O agglutinins. Nauki matem przyrod Lodz no.16:11-18 '64.

1. Department of Microbiology, University, Lodz.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300018-6

KOTELKO, Krystyna

Recent views on the structure and nature of the immunological specificity of endotoxins. Postepy hig. med. dosw. 16 no.1: 85-103 '62.

1. Z Katedry Mikrobiologii Szczegolowej Uniwersytetu Lodzkiego Kierownik: prof. dr B. Zablocki.
(TOXINS AND ANTITOXINS)

ZABLOCKI, Bernard; SZYDLOWSKI, Stanislaw; KOTELKO, Krystyna

Types of diphtheria bacilli occurring in the city of Lodz and their sensitivity to penicillin. Nauki matem przyrod Lodz no.7:161-169 '60.

1. Katedra Mikrobiologii Szczegolowej, Uniwersytet, Lodz.

24

Warsaw, Postepy Higieny i Medycyny Doswiadczalnej, Vol 16, No 1, January-February 1952.

1. "Antigen--Antibody Reactions," Elzbieta ROMANOWSKA of the Biochemistry Research Office (Zaklad Biochemii) of the Ludwik Hirszfeld Institute of Immunology and Experimental Therapy (Instytut Immunologii i Terapii Doswiadczalnej im. L. Hirszfelda) of PAN (Polska Akademia Nauk; Polish Academy of Sciences) at Wroclaw (Director: Prof. Dr. T. BARANOWSKI); pp 1-21.

2. "Comparative Study of Methods of Identifying Bone-Marrow Cells Transplanted into Animals with Severe Irradiation Injury," Olgierd ROSIEK, Jan SAHLINSKI, and Przemyslaw GIBINSKI of the Research Office for the Protection of Health (Zaklad Ochrony Zdrowia) of the Nuclear Research Institute (Instytut Badan Jadrowych) of PAN (Director: Prof. Dr. E. KOWALSKI); pp. 23-36.

3. "Investigations on the Penetration of Deoxyribonucleic Acid into Ehrlich's Ascites Cells," Mieczyslaw GWOZDZ of the Oncology Institute (Instytut Onkologii) at Gliwice (Director: Dr. J. SWIECKI); pp 37-83.

4. "Recent Views of the Structure of Endotoxins and the Nature of their Immunological Specificity," Krystyna KOTELKO of the Chair of Detailed Microbiology (Katedra Mikrobiologii Szczegolowej) of the University (Uniwersytet) at Lodz (Director: Prof. Dr. B. ZABLOCKI); pp 85-103.

5. "Problems of Pathophysiology and Clinical Use of Aldosterone," Franciszek KOKOT of the Third Clinic of Internal Diseases (III Klinika Chorob Wewnetrznych) of the Slask Medical Academy (Slaska AM (Akademia Medyczna)) at Bytom (Director: Prof. Dr. K. GIBINSKI); pp 105-133.

6. "Attempt to Apply Cytochemical Reactions to Cultivated Heart Fragments," Zofia KOWARZYKOWA, Jan ZARZYCKI, Danuta KOWALEWSKA, Kazimiera CZECHOWICZ, and Alina PERYT of the Laboratory of Tissue Culture (Pracownia Hodowli Tkanek) of the Ludwik Hirszfeld Institute of Immunology and Experimental Therapy of PAN at Wroclaw (Director: Prof. Dr. Z. KOWARZYKOWA); pp 135-138.

KOTELKO, Krystyna

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300018-6

KOTELKO, Krystyna

Essay with the production of Boivin's antigen from stable forms of Proteus mirabilis L. Report I. Med.dosw.mikrob. 12 no.2:159-162 '60.

1. Z Zakladu Mikrobiologii Szczegolowej Uniw. w Lodzi. Kierownik: prof.dr B. Zablocki.
(PROTEUS immunol.)
(ANTIGENS)

KOTELKO, Krystyna

Growth of stable forms of Proteus mirabilis L in the liquid medium without penicillin or serum. Med.dosw.mikrob. 12 no.2: 151-158 '60.

1. Z Zakladu Mikrobiologii Szczegolowej Uniw. w Lodzi. Kierownik: prof.dr B. Zablocki.
(PROTEUS culture)

KOTELKO, Krystyna; SZYDLOWSKI, Stanislaw; ZABLOCKI, Bernard

Studies on phase-variability of Shigella sonnei. Communication I.
Med.dosw.mikrob. 12 no.1:53-59 '60.

1. Z Katedry Mikrobiologii Szczegolowej Uniwersytetu Lodzkiego
Kierownik: prof.dr B. Zablocki.
(SHIGELLA)

ZABLOCKI, Bernard; KOTELKO, Krystyna, GOSCICKI, Janusz, CZABAN, Wanda

Passive hemagglutination reactions with sera from convalescent children after rheumatic fever by using 6 new antigenic fractions isolated from streptococcus group A. Pediat. polska 33 no.2:165-170 Feb 58.

1. Z Zakladu Mikrobiologii Szczegolowej Uniwersytetu Lodzkiego Kierownik: prof. dr B. Zablocki. Adres: Lodz, Al. Kosciuszko 52 m.8).

(RHEUMATIC FEVER, immunol
passive hemagglutination reaction with convalescent serum using antigenic fractions from streptoc. A (Pol))

(HEMAGGLUTINATION,
passive hemagglutination with convalescent serum from rheum. fever using antigenic fractions from streptoc. A. (Pol))

[redacted], Krystyna (Lodzi, ul. Nowotki 18.)

Bacterial protoplasts. Postepy hig. med. dosw. 12 no.5:467-480 1958.

1. Katedra Mikrobiologii Szczegolowej Ul.
(BACTERIA,
protoplast, review (Pol))

ZABLOCKI, Bernard; KOTELKO, Krystyna; GOSCICKI, Janusz, (czesc immunologiczna) oraz Leon Szykier (czesc kliniczna) Lodz, Al. Kosciuszki 52 m. 8.

Immunological studies in rheumatism with application of six new antigenic simplexes isolated from streptococci. Polskie arch. med. wewn. 26 no.5:759-769 1956.

1. Z Zakladu Mikrobiol. Szesego'lowej U.L. w Lodzi. Kier.: prof. dr. med. B. Zablocki i Wojewodskiej Poradni Przeciwreumat. w Lodzi Kier.: dr. med. L. Szykier.

(ARTHRITIS, RHEUMATOID, immunology,
hemagglut. by streptoc. antigens (Pol))
(ANTIGENS,
streptoc., hemagglut. in rheum. arthritis (Pol))
(STREPTOCOCCUS, immunology,
antigens, hemagglut. in rheum. arthritis (Pol))

KOTELKO, K.

POLAND/Microbiology - Microbes Pathogenic in Man and Animals. F.

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67317

Author : Zablotskiy, B., Kotelko, K., Gostsitskiy, Ya.

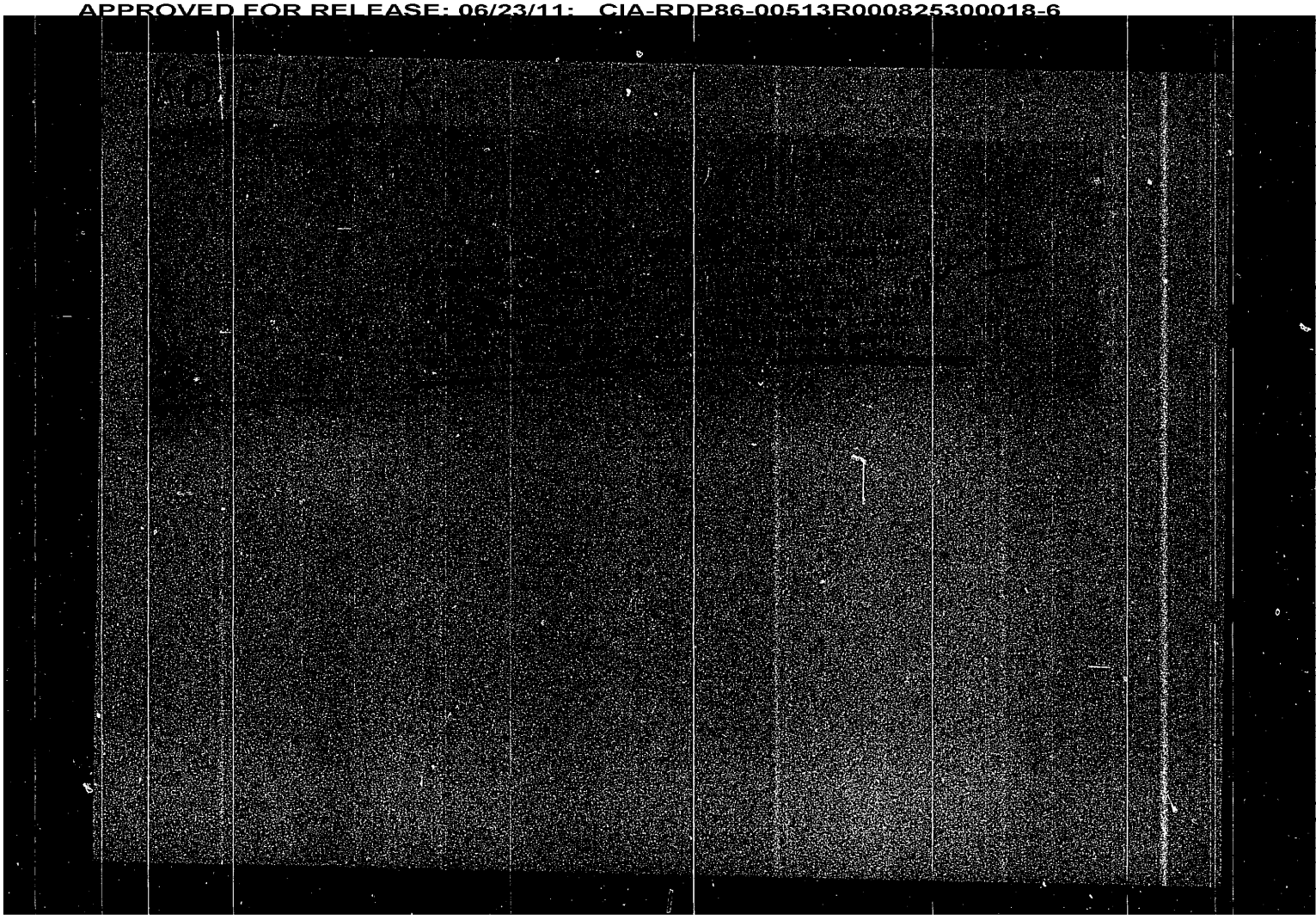
Inst : Polish Academy of Sciences.

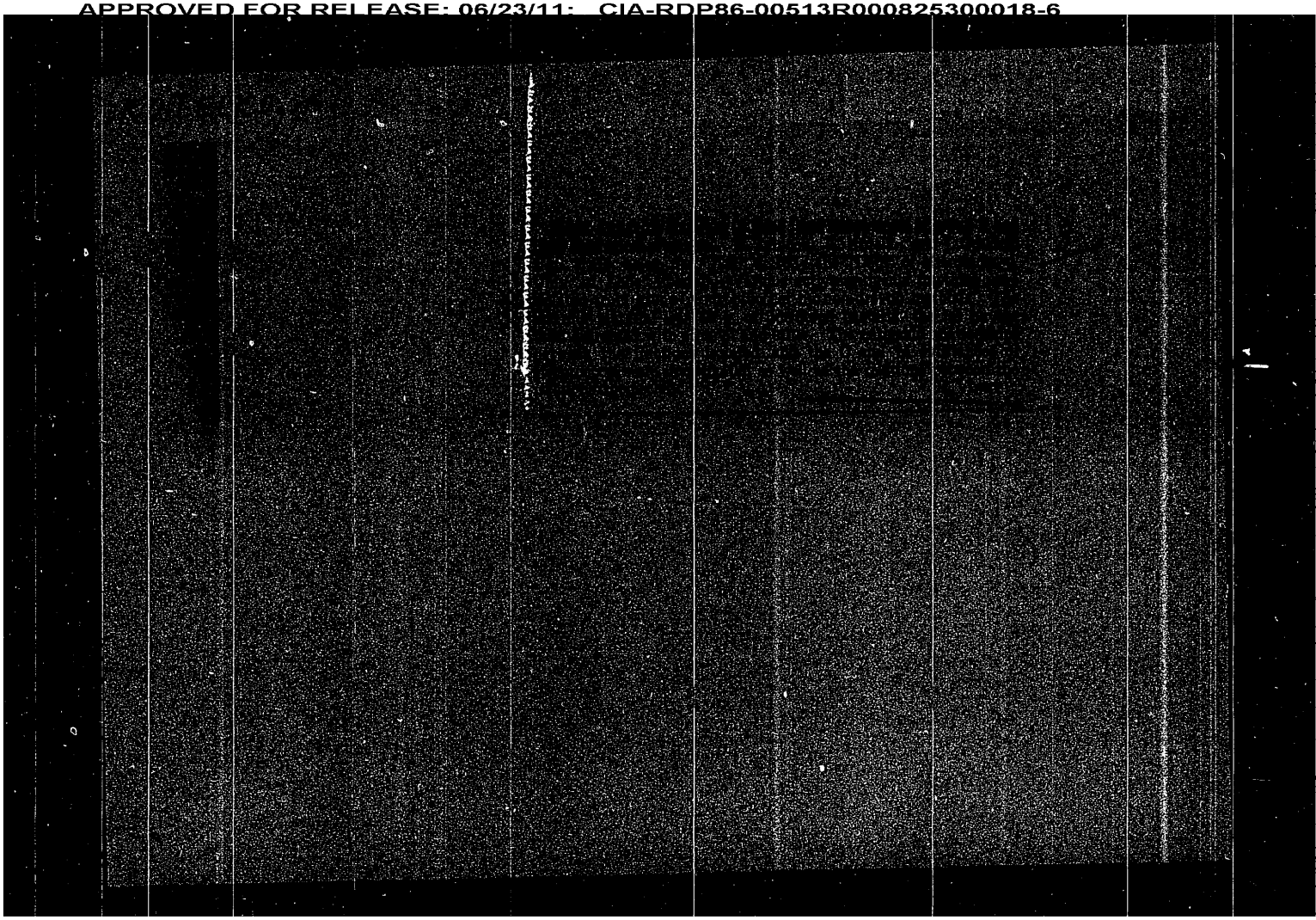
Title : Antigenous Fractions Isolated From Group A Streptococci and Their Serological Properties.

Orig Pub : Byul. Pol'skoy AN, 1956, Section 2, 4, No 5, 169-172.

Abstract : A dry mass of Group A streptococci was cleansed of fat (using a mixture of ether and alcohol), pulverized in distilled water, and centrifuged, at a temperature of 0° three fractions were precipitated out of the supraseditmentary liquid by adding ethanol: to a concentration of 41% with a pH of 5.5 (first fraction), to a concentration of 75% with an pH of 5.8 (second fraction), and to a concentration of 88% with a pH of 7.0 (third fraction).

Card 1/2





APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300018-6

KOTELKO, KRYSTYNA

ZABLOCKI, Bernard; KOTELKO, Krystyna; GOSCICKI, Janusz

Studies on new chemical simplexes in Streptococcus A. II. Antigenic properties of simplexes isolated from Streptococcus A. Arch. immun. ter. doświ. 3:577-583 1955.

1. Zaklad Mikrobiologii Szczegolowej Uniwersytetu Lodzkiego (Kierownik: prof. dr. B. Zablocki).

(STREPTOCOCCUS, immunology,
antigenic simplexes in hemolytic strains A, properties (Pol))

KOTELKO, KRYSTYNA

ZABLOCKI, Bernard; KOTELKO, Krystyna; GOSCICKI, Janusz

Studies on new chemical simplexes in Streptococcus A. I. Isolation of new chemical simplexes from Streptococcus A. Arch. immun. ter. dosw. 3:567-575 1955.

1. Zaklad Mikrobiologii Szczegolowej Uniwersytetu Lodzkiego (Kierownik: prof. dr. B. Zablocki).

(STREPTOCOCCUS, immunology,
antigenic simplexes in hemolytic strains A, isolation
(Pol))

KOTELKO K.

The effect of staphylococcal antihyaluronidase on skin reactions elicited in guinea pigs by diphtheria bacilli. B. Zabicki, K. Kotelko, and H. Szadlowski (Univ. Łódź, Poland). *Bull. acad. polon. sci.*, Classe II, 3, 287-90 (1955).—Fifty-one strains (*gravis* and *mitis* types) of *Corynebacterium diphtheriae* freshly isolated from patients' throats were used for intracutaneous injection into 350-g. guinea pigs. Each pig received 3 injections: (1) diphtheria-bacillus suspension and physiol. saline; (2) diphtheria-bacillus suspension, antidiphtheric antitoxic serum; and (3) diphtheria-bacillus suspension, antitoxic serum, staphylococcal antihyaluronidase, and physiol. saline. Staphylococcal hyaluronidase was obtained from a filtrate of hemolytic *Micrococcus pyogenes* var. *aureus* by pptn. with acetone and desiccating *in vacuo*. Staphylococcal antihyaluronidase was obtained by injection of rabbits (immunized for 10 weeks) at daily intervals with staphylococcal hyaluronidase soln. With 43 out of 51 strains the antihyaluronidase caused decrease in the intensity of edema and extent of the necrotic zone. In 30% of the strains the skin reaction symptoms were completely suppressed in the presence of antihyaluronidase. Addn. of antihyaluronidase to antitoxic serum for human use is suggested. H.G.K.

MD

(2)

MIKOLAJEWSKA, Halina; KOTELKO, Antoni

Studies on the hydrogenation of aminonitriles. Pt.8. Acta Pol. pharm. 22 no.3:219-224 '65.

1. Z Katedry Technologii Srodkow Leczniczych Akademii Medycznej w Lodzi (Kierownik: doc. dr. A. Kotelko).

GRUDZINSKI, Stefan; MIKOLAJEWSKA, Halina; KOTELKO, Antoni

Studies on the process of hydrogenation of aminonitriles. VI. Synthesis of 2-cyanoethylamines of carboxylic acids. Acta Pol. pharm. 21 no.5:437-443 '64.

1. Z Zakladu Technologii Srodkow Leczniczych Akademii Medycznej w Lodzi (Kierownik: doc. dr. A. Kotelko).

GRUDZINSKI, Stefan; KOTELKO, Antoni, doc. dr.; MIKOLAJEWSKA, Halina; ZAJACZKOWSKA, Barbara
STRUMILLO, Jozef; TRACZYNSKI, Tadeusz;

Synthesis of hydrazinoamine compounds with possible antituber-
cular properties. I. N1-acyl-N2-(beta-cyanoethyl)-hydrazines.
Acta Pol. pharm. 21 no.5:445-450 '64.

1. Z Zakladu Technologii Srodkow Leczniczych Akademii Medycznej
w Lodzi (Kierownik: doc. dr. A. Kotelko).

ZAJACZKOWSKA, Barbara; KOTELKO, Antoni , doc. dr.

Studies on hydrogenation of aminonitriles. V. Production of N-alkyl-N-(beta-cyanoethyl)-aminoacetonitriles and their attempted hydrolysis. Acta Pol. pharm. 21 no.3:233-237 '64.

1. Z Zakladu Technologii Srodkow Leczniczych Akademii Medycznej w Lodzi (Kierownik: doc. dr. A. Kotelko).

GRUDZINSKI, S.; KOZELKO, A.; WOJCIK, E.

Studies on cyanomethyl esters. Pt. 4. Acta chim 9:83-91 '64.

1. Institute of Technology of Drugs of the School of Medicine, Lodz. Presented Nov. 1962.

GRUDZINSKI, S.; KOTELKO, A.; KOWALCZYK, A.

Studies on cyanomethyl esters. Pt. 3. Acta chim 9:71-82 '64.

1 Institute of Technology of Drugs of the School of Medicine, Lodz. Presented Nov. 1962.

KOTELKO, Antoni; ZAJACZKOWSKA, Barbara

Studies on the process of hydrogenation of aminonitriles. IV. On the reaction of aminoacetonitrile with aliphatic aldehydes. Acta pol. pharm. 19 no.3:223-227 '62.

1. Z Zakladu Technologii Srodkow Leczniczych Akademii Medycznej w Lodzi Kierownik: z-ca prof. dr. A. Kotelko.
(CYANIDES chem) (ALDEHYDES chem)

KOTELKO, Antoni

Studies on the process of hydrogenation of aminonitriles. III. Hydrogenation of products of cyano-ethylation of aminoacetonitrile. Acta pol. pharm. 19 no.3:215-222 '62.

1. Z Zakladu Technologii Chemicznej Srodkow Leczniczych Akademii Medycznej w Lodzi.

(CYANIDES chem)

KOTELKO, Antoni

Studies on the process of hydrogenation of aminonitriles. II. On the reaction of cyanoethylation of aminoacetic acid nitrile. Acta pol. pharm. 19 no.2:115-120 '62.

1. Z Zakladu Technologii Srodkow Leczniczych AM w Lodzi Kierownik: z-ca prof. dr. A.Kotelko.
(CYANIDES chem) (GLYCINE chem)

KOTELKO, Antoni

Studies on the processes of hydrogenation of aminonitriles. On catalytic hydrogenation of N-acylaminoacetonitriles. Acta pol. pharm. 19 no.2:109-113 '62.

1. Z Zakladu Technologii Srodkow Leczniczych AM w Lodzi Kierownik: z-ca prof. dr A. Kotelko.

(CYANIDES chem)

Kotelko A.

Synthesis of amino acids (methionine and tryptophan). S. Gridaloski and A. Kotelko (Inst. Chem. Technol., Łódź, Poland). *Acta Polon. Pharm.* 12, 201–4 (1955) (English summary).—An industrially applicable synthesis of methionine includes condensation of acrolein with MeSH (produced by hydrolysis of methylthiourea) to give $MeSCH_2CH_2CHO$, treatment of this with NaCN and $(NH_4)_2CO_3$ to form the hydantoin, and hydrolysis of the hydantoin to methionine. A synthesis (also industrially applicable) of tryptophan consists of treatment of acrolein with diethyl acetamidomalonate, converting the condensation product to the phenylhydrazone, cyclizing this by means of H_2SO_4 to the indole deriv., and hydrolyzing the indole deriv. R. Dawbarn

KOTELKO, Antoni

Synthesis of a combination of 3-amine-4-hydroxyphenylarsenous oxide with sodium formaldehyde-sulfoxylate. Acta Poloniae pharm. 12 no.1: 57-60 1955.

1. Z Zakladu Technologii Chemicznej Srodkow Leczniczych A.M. w Lodzi. Kierownik: prof. dr St.Kielbasinski.

(ARSENICALS, preparation of, phenarsone)

KOTELKO, Antoni

Synthesis of derivatives of arsanilic acid. Acta Poloniae pharm. 11 no.3:199-203 1954.

1. Zaklad Technologii Chemicznej Srodkow Leczniczych Akademii Medycznej w Lodzi. Kierownik: prof. dr St.Kielbasinski.
(ARSENICALS,
arsanilic acid deriv., synthesis)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300018-6

KOTELKO, A.

POL.

3813 547.587.11-269.3

Czajkowski J., Kotelko A. Manufacture of Sulphosalicylic Acid.

„Otrzymywanie kwasu sulfosalicylowego". Przemysł Chemiczny, No. 3, 1954, pp. 142—143.

Methods of obtaining sulphosalicylic acid are discussed together with their uses, and a new method of obtaining pure sulphosalicylic acid is given. This method consists in separating the excess of sulphuric acid after sulphonation by dissolving it in concentrated hydrochloric acid in which sulphosalicylic acid is sparingly soluble. Sulphosalicylic acid is freed from hydrochloric acid by repeated distillation with water in a vacuum. It can be obtained as a solid by evaporation of pure water solution in a vacuum.

MEDVEDEV, V. (Leningrad); KOTELKIN, V. (Leningrad)

Distribution according to labor and the law of value. Vop. ekon. no.3:49-56 Mr '62. (MIRA 15:3)
(Wages) (Value)

KOTELINA, Nina Stepanovna; KHANTIMER, Ismail Syddykovich; SHENNIKOV, A.P., prof., otv.red.; VIKHREV, S.D., red.izd-va; BOCHEVER, V.T., tekhn.red.

[Meadows of the Komi A.S.S.R.] Luga Komi ASSR. Moskva, Izd-vo Akad.nauk SSSR, 1959. 265 p. (MIRA 12:12)

1. Chlen-korrespondent AN SSSR (for Shennikov).
(Komi A.S.S.R.--Pastures and meadows)

KOTEL'NIKOV, I.

OVECHNIKOV, Ye., kand.tekhn.nauk; KOTELNIKOV, I., kand.tekhn.nauk

Crossties for streetcar lines. Zhil.-kom. khoz. 10 no.8:12-13 '60. (MIRA 13:9)

(Kiev--Street railways)

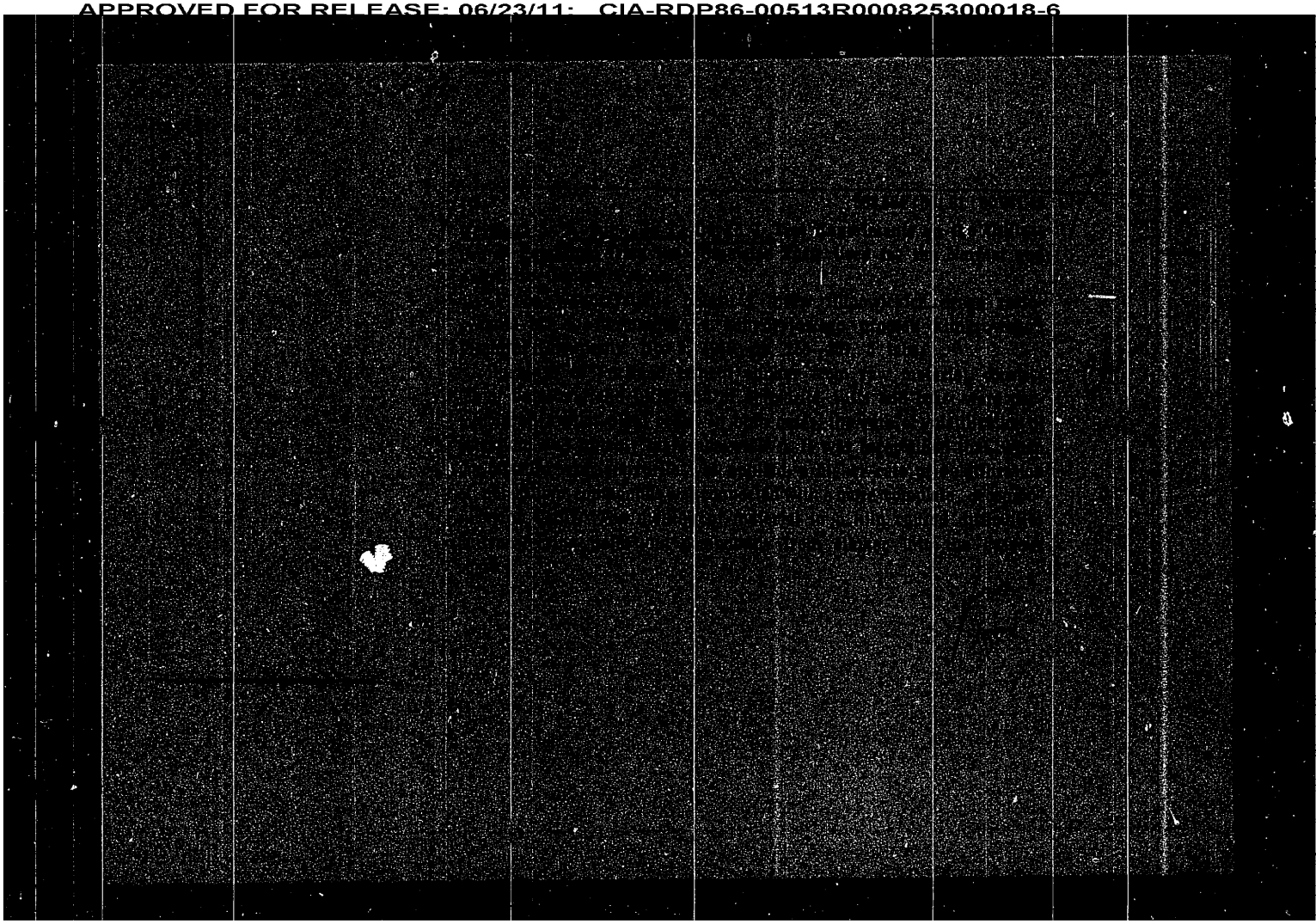
KOTELIKOV, I. M.

KOTELIKOV, I. M. --"Experimental Investigation of the Relationship between the Cubic Prismatic Strengths of Concrete and the Strength of Reinforced Concrete Parts under Eccentric Compression." Central Sci Res Inst of Industrial Structures (TsNIPS). Moscow, 1955. (Dissertation for the Degree of Candidate in Technical Science).

SO Knizhanay letopis'
No 2, 1956

KOTELEWSKI, W., inz.

Reparation of fuse blocks. Wiad elektrotechn 31 no.1/2:7-9 Ja '63.



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300018-6

IVAKHIN, S.I., kand. tekhn. nauk; OKUNSHCHENKO, V.N., inzh.; PUTELAVTSEV, V.G., inzh.; DERBYAGIN, G.F., inzh.

Support insulators for special systems. Energ. i elektrotekh. prom. no.3:43-44 Jl-S '65. (MIRA 18:9)

mechanical characteristics are reported, as well as the distinguishing features of their design. The principal electrical characteristics are:

Type	Flashover voltage, kv Dry	Wet	Breakdown	Weight, kg
PFYe-16	85	55	125	12.8
PFYe-11	85	55	125	9.0
PFYe-4,5	75	40	110	5.2

Also, electrical and mechanical characteristics and composition of the Soviet-made porcelain, from which the above insulators are made, are reported. "Engineers S. I. Ivakhin, V. I. Kotlik, V. I. Zhirov, A. A. Novak and S. A. Izotova took part in the project." Orig. art. has: 1 figure and 3 tables.

SUB CODE: 10/ 09 / SUBM DATE: none / ORIG REF: 002

Card 2/2 egk

L 10033-67 EWP(e)/EWT(m) WH
ACC NR: AP6022708 (A, N) SOURCE CODE: UR/0292/66/000/004/0035/0037

AUTHOR: Gaydash, B. I. (Engineer); Glushchenko, V. N. (Engineer); Boldyreva, T. I. (Engineer); Kotelevtsev, V. G. (Engineer)

ORG: none

TITLE: Line insulators designed for hard climatic conditions

SOURCE: Elektrotekhnika, no. 4, 1966, 35-37

TOPIC TAGS: electric insulator, high voltage insulator, PFYe-16 insulator, PFYe-11 insulator, PFYe-4,5 insulator, electric distribution equipment, climatic influence

ABSTRACT: Three small-size line sustension 110—500-kv insulators intended for operation under hard climatic conditions (high temperature, natural and industrial contamination, etc.) have been developed by the Central Scientific Research Laboratory of the "Elektroset'izolyatsiya." Their dimensions, electrical and

Card 1/2 UDC: 621.315.624.8.001.3

ZHUNEV, P.A.; KOTELEVSKIY, Yu.M.; EKSLER, L.I.

Calculating the optimal width of a packing box for gland cocks. Mash. i neft. obor. no.4:10-12 '64. (MIRA 17:6)

1. Moskovskiy filial TSentral'nogo konstruktorskogo byuro armaturostroyeniya.

ZHUNEV, P.A.; KOTELEVSKIY, Yu.M.; EKSLER, L.I.

Designing ball gland cocks. Mash. i neft. obor. no.3: 10-15 '64. (MIRA 17:5)

1. Moskovskiy filial TSentral'nogo konstruktorskogo byuro armaturostroyeniya.

KOTELEVSKIY, Yu.M.; ZHUNEV, P.A.

Lapping paste and special coatings for cranes made of acid-resistant steels. Mash. i neft. obor. no.11:43-44 '63
(MIRA 17:7)

1. Moskovskiy filial Tsentral'nogo konstruktorskogo byuro armaturostroyeniya.

KOTELEVSKIY, Yu., aspirant, sportsmen 1-go razryada

Stability of a motorcycle. Za rul. 19 no.11:21-22 N '61.
(MIRA 14:12)

1. Moskovskiy avtomobil'no-dorozhnyy institut imeni Molotova.
(Motorcycles--Cold weather operation)

KOTELEVSKIY, V.Yu.

Allowable unbalance of blanks machined on lathes. Stan.i instr. 33 no.5:27-28 My '62. (MIRA 15:5)
(Turning)

KOTELEVSKIY, V. Yu.; PUSH, V.E.

Automatic balancing in machining on lathes. Stan.i instr. 32 no.7:1-3 Jl '61. (MIRA 14:6)

(Balancing of machinery)

KOTELEVTSEV, V.G., inzhener.; LYSAKOVSKIY, G.I., kandidat tekhnicheskikh nauk.

Operational reliability of SP-110 stick insulators. Elek. sta. 27 no.10:57-58 O '56. (MLRA 9:12)
(Electric insulators and insulation)

MAKOKHA, N.S.; KOTELEVSKIY, S.S.

Torsion of the gall bladder. Khirurgiia 36 no.4:55-59 Ap '60.
(MIRA 13:12)
(GALL BLADDER—ABNORMITIES AND DEFORMITIES)

KOTELNVSKIY, N.

On the sale of agricultural machinery to collective farms.
Vop. ekon. no.12:49-54 D '59. (MIRA 12:12)
(Agricultural machinery)

KOTELEVSKIY, I

KOTELEVSKIY, I.

Textbook on the food products (Food products; a textbook for commercial school" by A.G. Vyshchepan, M.E. Mel'man. Reviewed by I. Kotelevskii). Sov.torg. no.5:53-54 My '57. (MLRA 10:8)
(Food industry)
(Vyshchepan, A.G.) (Mel'man, M.E.)

KOTELEVSKIY, I.

Food Industry

Not thinking of the reader ("Science of commodities in the food trade." T. P. Ermolenko, V. S. Zagulina, Ye. G. Shapiro. Reviewed by I. Kotelevskiy.) Sov. torg. No. 3, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

KOTELEVSKAYA, N.V.

Workers of the Volgograd telegraph are fighting for the right to be called an enterprise of communist labor. Vest. sviazi 21 no.11:11-12 N '61. (MIRA 14:11)

1. Glavnyy inzh. Volgogradskogo tsentral'nogo telegrafa.
(Volgograd—Telegraph—Employees)

SULEYMANOV, S., red.; KOTELEVSKAYA, G., otv. za vypusk; AKHMEDOV, S., tekhn.red.

[Achievements of Soviet Azerbaijan for 40 years in figures; statistical collection] Dostizheniia Sovetskogo Azerbaidzhana za 40 let v tsifrakh; statisticheskii sbornik. Baku, Azerbaidzhanskoe gos.izd-vo, 1960. 258 p. (MIRA 13:8)

1. Azerbaijan S.S.R. Statisticheskoye upravleniye.
(Azerbaijan--Statistics)

SULEYMANOV, S.S., otvetstvennyy red.; KOTELEVSKAYA, G.S., red.; KOGAN, N.M., tekhn. red.

[National economy of Azerbaijan; a statistical manual] Azerbaichan SSR khalg teserrufaty; statistika kulliiiaty. Narodnoe khoziaistvo Azerbaikzhanskoi SSSR; statisticheskii sbornik. Baku, Gosstatizdat, 1957. 524 p. [In Azerbijani and Russian]. (MIRA 11:7)

1. Azerbaijan. Statisticheskoye upravleniye.
(Azerbaijan—Statistics)

KOTELEVSKAYA, G.S., red.; EFENDIYEV, Sh.M., red.

[National economy of the Azerbaijan S.S.R. in 1962; statistical abstract] Narodnoe khoziaistvo Azerbaidzhanskoi SSR v 1962 godu; statisticheskii sbornik. Baku, Gosstatizdat, 1963. 254 p. (MIRA 17:6)

1. Azerbaijan. TSentral'noye statisticheskoye upravleniye. 2. Zamestiteli nachal'nika TSentral'nogo statisticheskogo upravleniya.Azerbaydzhanskoy SSR.

SULEYMANOV, S., red.; KOTELEVSKAYA, G., otv. za vypusk; ABDINZADE, Kh., tekhn. red.

[The development of the economy of the Azerbaijan S.S.R. and improvement of the population's material and cultural standard of living; statistical collection] Razvitie narodnogo khoziaistva Azerbaidzhanskoi SSR i rost material'nogo i kul'turnogo urovnia zhizni naroda; statisticheskii sbornik. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 257 p. (MIRA 15:7)

1. Azerbaijan. TSentral'noye statisticheskoye upravleniye. 2. Nachal'nik TSentral'nogo statisticheskogo upravleniya pri Sovete Ministrov Azerbaydzhanskoy SSR (for Suleymanov).
(Azerbaijan--Statistics)

2188 Kotelevits, I

Opyt Raboty Bigilinskoy Mts. (Novo-Zaimskiy Rayon). Tyumen', Kn. IZD., 1954. 56 s.; 12. Portr. 20 sm. 2.000 EKZ. 75 k.-
(54-56805)p 338.IMTS (57.16)

Kotelevets' O.S.

USSR/Plant Physiology - General Problems I.

Abs Jour : Ref Zhur - Biol., No 18, 1953, 81967

Author : Molotkovs'kiy, G.Kh., Kotelevets', O.S.

Inst : Czernowitz University.

Title : The Connection Between the Phenomenon of Polarity and the Content of Chlorophyll, Dry Substance and Water in Some Coniferous Plants

Orig Pub : Dopovidi AN UkrSSR, 1957, No 3, 310-312

Abstract : In order to verify the presence of the phenomenon of polarity in conifers, the authors studied the chlorophyll content as well as the amount of dry substance and water in the coniferous needles, disposed at the opposite end of internodes on pine, spruce and fir trees. The needles of the lower part of the internode contained more chlorophyll and dry substance and less water than the needles

Card 1/2

NIKOLAYEV, I.S., inzhener-polkovnik; KOTELEVETS, D.I., inzhener-podpolkovnik

This can be done at every field meteorological station. Vest. Vozd.Fl. no.6:79 Je '61. (MIRA 14:8)
(Meteorology in aeronautics)

KOTELEVA, V.V., MEKHTIYEVA, E.A., SMIRNOV, V.I.

"Phosphates activity of Moldavian soils."

Report submitted to the Intl. Congress for Microbiology
Montreal, Canada 19-25 Aug 1962

KOTE[illegible]V, V.V.; [illegible]KON, [illegible]

[illegible] radiation [illegible] [illegible]form.Gos.nauch.-
[illegible].inst.nauch.i tekh.[illegible] '64.
(MIRA 18:3)

KOTELNOV, V.V.; MEKHTIYEV, Ya.A.

Relationship between the phosphate selectivity of microflora and the mobile phosphorus content of soil. Dev. Weld. fil. AN SSSR no.7:41-47 '61 (MIRA 17:7)

KOTELEV, V.V.; TROFIMENKO, N.M.; DEMIRCHOGLYAN, B.L.; NIKOLAYEVA, A.V.

Assimilation of biomycin and terramycin adsorbed on clays by chickens. Izv. AN Mold. SSR no.7:43-46 '62. (MIRA 16:2)
(Aureomycin) (Terramycin)
(Poultry--Feeding and feeds)

KOTELEV, V.V.; MEKHTIYEVA, Ye.A.; SMIRNOV, V.I.

Mineralization of phosphorus organic compounds by some soil micro-organisms. Izv. AN Mold. SSR no.7:34-42 '62. (MIRA 16:2)
(Soil micro-organisms)
(Phosphorus organic compounds)

SKOROPAD, F.I.; KOTELEV, V.V.; AL'MAN, Kh.V.

Effect of some chemical preparations on the microflora of grape juice. Izv. AN Mold. SSR no.7:25-33 '62. (MIRA 16:2)
(Grape juice—Microbiology)
(Food preservatives)

KOTELEV, V.V.

Method for determining the phosphatase of micro-organisms. Mikrobiologiia 29 no.6:922-925 N-D '60. (MIRA 14:1)

1. Pochvennyy institut, Moldavskiy filial AN SSSR, Kishinev.
(PHOSPHATASES) (SOIL MICRO-ORGANISMS)

KRASIL'NIKOV, N.A.; KOTELEV, V.V.

Adsorption of phosphatases of soil micro-organisms by conr roots.
Mikrobiologiia 28 no.4:548-550 Jl-Ag '59. (MIRA 12:12)

1. Pochvennyy institut Moldavskogo filiala AN SSSR.
(PHOSPHATASE) (CORN (MAIZE)) ROOTS (BOTNAY))

KOTELEV, V.V.

Method of revovering soil micro-organisms which break down organic phosphates. Dokl. akad. sel'khoz. 23 no.9:17-18 '58.
(MIRA 11:10)

1.Moldavskiy filial Pochvennogo instituta AN SSSR. Predstavlena akademikom I.I. Samoylovym.
(Phosphates)

Qualitative Determination of Phosphatase Activity in Certain Groups of Soil Microorganisms

here can be used for the detection of the most active soil microbes with regard to the phosphatase production in order to be able to use them as bacterial manure the effect of which is based on the mineralization of organophosphatase in the soil. There are 1 table, and 14 references, 6 of which are Slavic.

ASSOCIATION: Institut mikrobiologii Akademii nauk SSSR (Institute of Microbiology of the AS USSR) Moldavskiy filial Akademii nauk SSSR(Moldavian Branch of the AS USSR)

SUBMITTED: September 21, 1957

20-117-5-47/54

AUTHORS: Krasil'nikov, N. A., Corresponding Member AS USSR, and Kotelev, V. V.

TITLE: Qualitative Determination of Phosphatase Activity in Certain Groups of Soil Microorganisms (Kachestvennoye opredeleniye fosfataznoy aktivnosti nekotorykh grupp pochvennykh mikroorganizmov)

PERIODICAL: Doklady AN SSSR, 1957, Vol. 117, Nr 5, pp. 894 - 895 (USSR)

ABSTRACT: The opinions concerning the problem of the exploitation of phosphorus compounds by plants are divergent: according to some authors organic phosphorus compounds can be directly absorbed, according to others, however, they have to be disintegrated up to inorganic phosphorus (reference 2). The microorganisms as well as the fermentative systems of the plants are actively taking part in this latter process (reference 3). The microorganisms washed out from the root-near soil have an only weak amylolytic (starch splitting) activity. On the other hand, invertase as well as amylase exist in the roots of sterilely grown plants (reference 4). The enzyme group of the phosphatase has a fundamental importance in the decomposition of organophosphatases and takes part in the biodynamics of the soil phosphatase. This can also be effected by biocatalysts and enzymes of bacterial origin, even in the case that the soil

Card 1/3

[illegible] have a considerable cellulose decomposing bacterium [illegible] has this capactiy. The qualitative reaction suggested

Country : USSR
Category : Soil Science. Biology of Soils. J

Abs Jour : RZhBiol., No 6, 1959, No 24629

Author : Krasil'nikov, N. A.; Koteley, V. V.; Sabel'nikova, V. I.; Sergeyeva, N. V.

Inst * Moldavian Branch of AS USSR.

Title : The Effect of Soil Bacteria on the Assimilation by Plants of Phosphorus from Tricalcium Phosphate.

Orig Pub : Izv. Mold. fil. AN SSSR, 1957, No. 9, (42), 127-133

Abstract : Barley, in sand cultivation with $Ca_3(PO_4)_2$ marked with P^{32} as a source of phosphorus, was grown under sterile conditions with the addition of bacteria cultures, which were isolated from the Moldavian soil and which decompose tricalcium phosphate. Bacterization increased P assimilation by the plants and their con-

Card : 1/2

J

USSR/Soil Science - Biology of Soils.

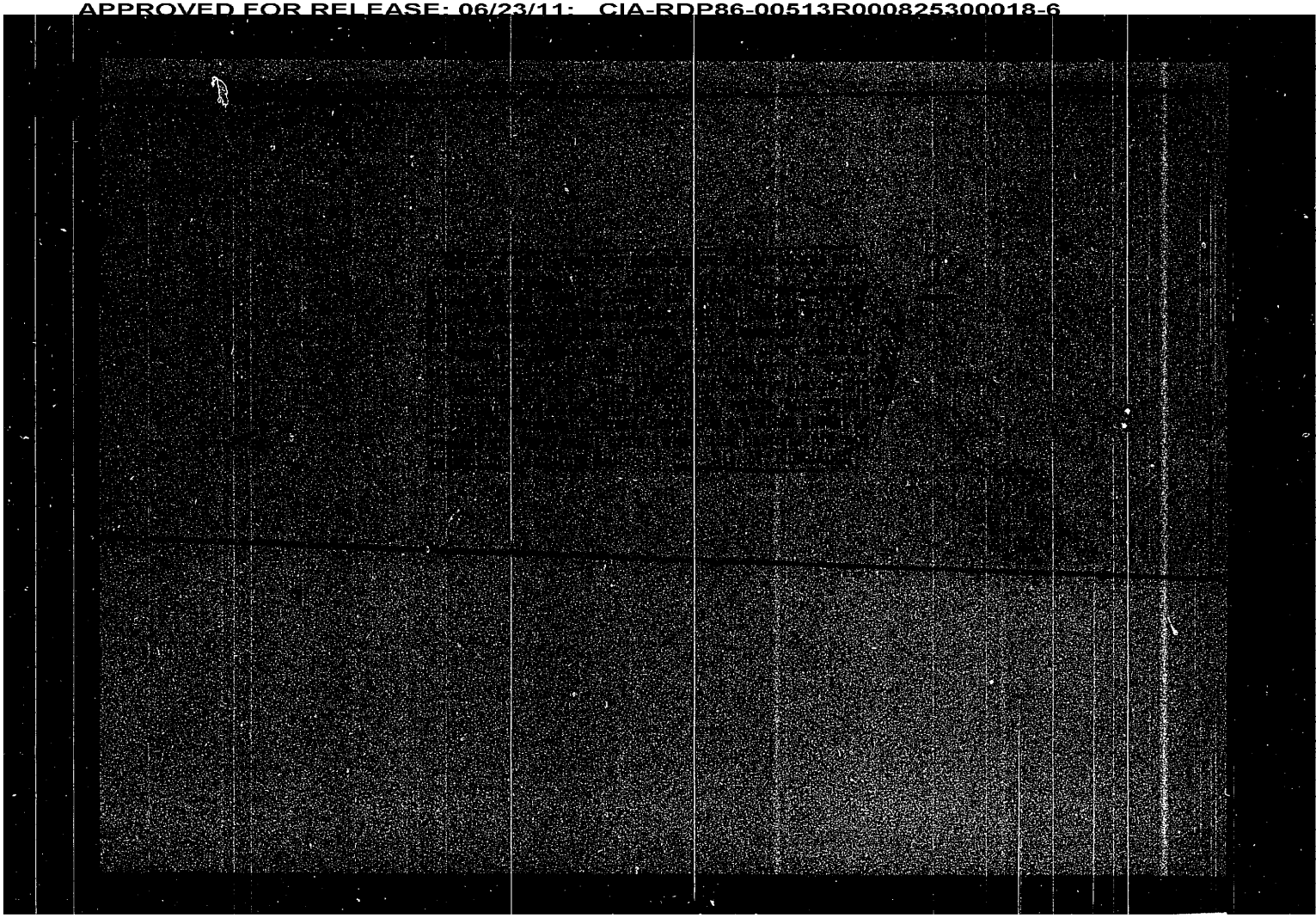
Abs Jour : Ref Zhur Biol., No 22, 1958, 100050

Author : Kotelev, V.
Inst : -
Title : Microorganisms and Nutrition of Plants by Phosphorus

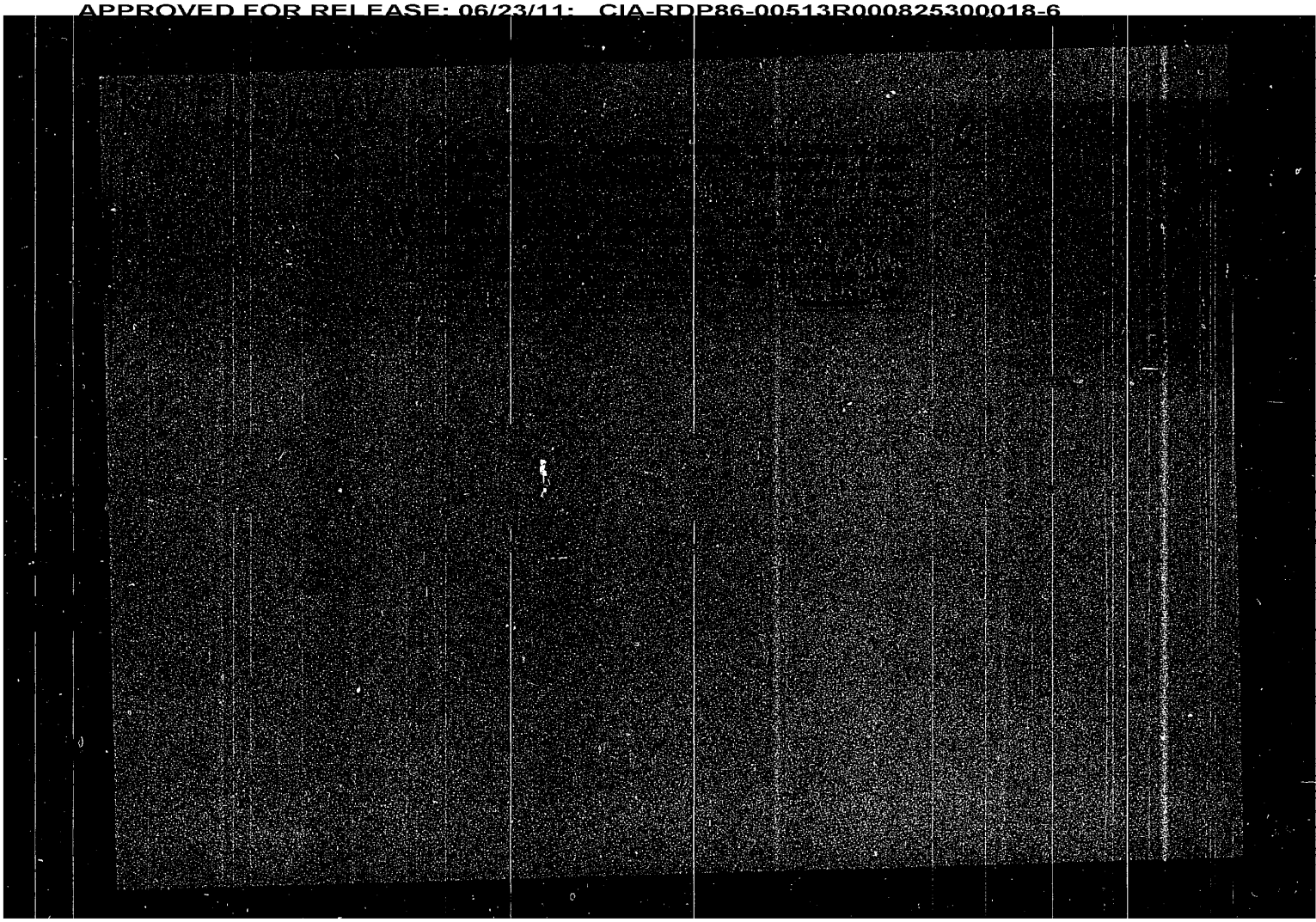
Orig Pub : Zemledeliye i zhivotnovodstvo Moldavii, 1957, No 5, 38-40

Abstract : For the explanation of the role played by microorganisms in the transit of phosphorus in the soil, a granule of radioactive P_s was pressed into the center of a soil slide. In unsterile soil, the radiophosphorus spread over a greater distance from the granule than in sterile soil. Radiophosphorus was assimilated from the granules by barley sprouts more actively in the sterile soil. Plants which germinated from seeds treated with microorganisms mobilizing the organic and inorganic P compounds, assimilated P in considerably greater quantities than

Card 1/2



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300018-6



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300018-6

KOTELEV, V. V.

"Intake of P-32 into the Cell of Microorganisms and its Transmission to the Plant," edited by A. A. Imshenetskiy, Corresponding Member, Academy of Medical Sciences USSR, Moscow, Publishing House of the Academy of Sciences USSR, 1955, 239 pp

Sum 1467

KOTELEV V.V.

[redacted]

AG

The application of bacterial fertilizers to the soil of the Kalarash region. Results of 1953 tests. V. V. Kotelev. *Izvest. Moldav. Filiala Akad. Nauk S.S.S.R.* 1955, No. 5, 77–86; *Referat. Zhur., Biol.* 1955, No. 6900.—A study was made of the application of azotobacterin, silicobacterin, and phosphobacterin in connection with corn and sunflower crops. Concomitantly the microflora of the plant rhizosphere was also studied. The simultaneous application of the 3 bacterins proved to constitute a favorable stimulant to the development of the azotobacter, silica bacteria, and to the bacteria decompg. org. phosphates. In eroded plots the procedure of bacterin application did not produce comparable results. B. B. Levine

CA

15

A calcimeter for the determination of carbonates in soils. I. S. Roktanen and V. V. Kotelev. *Pochvovedenie* 1951, 509–11.—A simple method of detg. the CO_2 released by using HCl on soils contg. carbonates is described and illustrated. It is claimed that 25–30 detns. can be made in a day. I. S. Ioffe

1952

KOTELES, Paul

Letter addressed to the editorial office. Constr Buc 15 no.7000:1 8 Je '63.

1. Responsabilul cabinetului tehnic de la Trustul Regional de Constuctii de Locuinte, Crisana.

BARB, Katalin; KOTELES, G.J.; ANTONI, F.; TAKATSY, Gy.

Studies on the nucleic acid metabolism of chorioallantoic membrane cells after influenza virus infection. Acta microbiol. acad. sci. Hung. 11 no.2:185-192 '64.

1. State Institute of Hygiene (Director: T. Bakacs), Budapest, and State Institute for Radiobiological Research "Frederic Joliot Curie" (Director: V. Varteresz), Budapest.

KOTELES,G.J.; ANTONI,F.; RADNOT, Magda

The nucleic acid content of the lens and some properties of its "soluble RNA". Acta med. acad. sci. Hung. 19 no.3:271-283 '63

1. Institute for Radiobiological Research, Budapest, and First Department of Ophthalmology, University Medical School, Budapest.

*

KOTELES, G.J.; ANTONI, F.; SZABO, L.D.

Nucleic acid metabolism of inflammatory cells. I. Nucleic acid content of inflammatory cells. Acta physiol. acad. sci. hung. 22 no.1:1-10 '62.

1. Institute for Radiobiological Research, Budapest.
(DNA) (RNA) (INFLAMMATION)

HIDVEGI, E.J.; KOTELES, G.J.

Studies on the interaction of nucleic acids in ascites tumour cells in vivo. Neoplasma (Bratisl) 12 no.3:227-238 '65.

1."Frederic Joliot-Curie" National Research Institute for Radiobiology and Radiohygiene, Budapest, Budafok, Hungary.

L 9015-66

ACC NR: AP6001804 SOURCE CODE: HU/0021/65/000/001/0034/0036

AUTHOR: Koteles, Gyorgy--Kotelesh, D. (Doctor); Kemeny, Pal--Kemen', P. (Doctor)

ORG: XIII. District Council Executive Committee, Madarasz Street Infant and Pediatric Hospital, Budapest (XIII. ker. Tanacs VB. Madarasz u.-i Csecsemo-es Gyermekkorhaz)

TITLE: Indications of x ray examination of children

SOURCE: Magyar Radiologia, no. 1, 1965, 34-36

TOPIC TAGS: pediatrics, x ray analysis, radiology

ABSTRACT: The correct establishment of the indications for X-ray examination of children is assured by a close cooperation between the pediatrician and the radiologist. Mostly roentgenograms should be made, although radioscopy is also considered to be indispensable in some cases. Gastric passage examinations can often be avoided by thorough clinical examinations. The increase in the number of pyelographies in recent years is considered to be justified. The X-ray control of usual pulmonary processes can mostly be avoided after careful physical examinations and a close observation of the patient. Along with the uniform reorganization of the pediatric care, the X-ray examination of children should also be systematized by the establishment of a pediatric radiologist network. Orig. art. has 3 figures. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 jw

KEMENY, P.; KOPELES, Gy.; DANIEL, F.

Clinical aspects of blunt chest injuries in childhood. Acta paediat. Acad. sci. Hung. 5 no.3:329-338 '64.

1. Madarasz-Street Children's Hospital, Budapest.

KOTELES, Gyorgy Jozsef, dr.

Old age and nutrition. Elovilag 6 no.2:40-43 Mr-Ap '61.

KOTELES, Gyorgy, dr.

A characteristic form of callus formation in childhood. Magy Sebesz. 15 no.1:24-30 F '62.

1. XIII ker. Tanacs V. B. Madarasz utcai Csecsemo es Gyermekkorhaza (Igazgato: Kemeny Pal dr.) Rontgenosztalyanak (Foorvos: Koteles Gyorgy dr.) kozlemenye.

(FRACTURES in inf & child)

KOTELES, Gyorgy, Dr.

Saddle for radiographic examination of infants. Orv. hetil. 99 no.51: 1806-1807 21 Dec 58.

1. A Budapesti Orvostudomanyi Egyetem I. sz. Gyermekklinikajanak (igazgato: Gegesi Kiss Pal dr., akademikus, egyet. tanar) kozlemenye.
(ROENTGENOGRAPHY, appar. & instruments
saddle for exam of inf. (Hun))

BARANY, M.; BARANY, K.; GUBA, F.; KOTELES, Gy.; NAGY, E.

State of actin in muscles. Acta physiol. hung. 11 no.2:145-164 1957.

1. Biochemisches Institut der Medizinischen Universitat, Budapest und Elektronenmikroskopische abteilung des Instituts fur Messtechnik und Instrumentenwesen der Ungarischen Akademie der Wissenschaften, Budapest.
(PROTEIN MUSCLES, determ.
actin (Ger))

KOTELES, GY.

BARANY, M.; BARANY, K.; GUBA, F.; KOTELES, Gy.; NAGY, E.

Preparation of actin without previous extraction of myosin. Acta physiol. hung. 11(Suppl):33-34 1957.

1. Biochemisches Institut der Medizinischen Universitat und Elektroenmikroskopische abteilung des Instituts fur Messungstechnik und Instrumentenkunde der ungarischen Akademie der Wissenschaften, Budapest.

(MUSCLE PROTEINS
Actin isolation without previous extraction of myosin (Ger))