SOKOLOV, I. S.

"The Calling of a Medical Nurse is an Obligation," Med. Sestra., No. 1, 1948;

SOKOLOV, I.S.

USSR/Medicine - Education, Medical May/Jun 48
Medicine - Public Health

"All-Union Conference on Intermediate Medical Education," I. S. Sokolov, Chief, Adm of Intermediate Med Educ Institutions, Ministry of Pub Health USSR, 2 pp

"Sov Zdravookhran" No 3

Stresses political and ideological training. Reviews present condition and suggests measures for improvement.

[redacted] 6/49T65

SOKOLOV, I. S.

"The Ideological and Political Education of the Intermediary Medical Personnel," Fel'dsher i Akusher., No. 4, 1948;

SOKOLOV, I. S.

"Children's Medical Activities Must have Qualified Personnel," Med. Sestra., No. 10, 1949.

SOKOLOV, V. S.

Medicine

(Organization and methods of instruction in sanitation) Moskva, Gos. izd-vo med. lit-ry, 1951.

9. Monthly List of Russian Accessions, Library of Congress, July 1952 1953, Uncl.

SOKOLOV, I.S., [illegible], YA.M., OSTROVSKIY, A.D.

Sokolov, I.S.

"Organization and methods of public health education," Fel'd. i akush., no. 7, 1952.

9. Monthly List of Russian Accessions, Library of Congress, October 1952 ~~1953~~, Uncl.

SOKOLOV, I.S.

Results of public health education in the Soviet Union during 35 years. Gig. sanit., Moskva no.11:31-35 Nov 1952. (CIML 23:4)

CHAKLIN, A.V.; SEREBROV, A.I., professor, redaktor; SOKOLOV, I.S., redaktor; KONSTANTINOV, G.P., tekhredaktor.

[Cancer; its therapy and prevention] Rak ego lechenie i preduprezhdenie. Pod red. A.I. Serebrova. Moskva, 1953. 18 p. (MLRA 7:12)

1. Chlen-korrespondent AMN SSSR (for Serebrov)
(Cancer)

SOKOLOV, I.S.

Problems of publicizing sanitation in hygiene work. Gig.i san. no.3:44-47 Mr '54. (MLRA 7:2)

1. Iz Instituta sanitarnogo prosveshcheniya Ministerstva zdravookhraneniya SSSR. (Sanitation) (Hygiene)

ROMASENKO, V.A., kand. med. nauk; SOKOLOV, I.S., red.; KONSTANTINOV, G.P., tekhn. red.

[Alcoholism and nervous diseases] Alkogolizm i nervnye bolezni. Moskva, In-t sanitarnogo prosv. M-va zdravookhraneniia SSSR, 1956. 22 p. (MIRA 11:7)

(ALCOHOLISM) (NERVOUS SYSTEM--DISEASES)

SOKOLOV, I.S.

[Organization and practice of health education work] Organizatsiia i metodika sanitarno-prosvetitel'noi raboty. Izd.2, perer. i dopol. Moskva, Medgiz, 1956. 199 p. (MIRA 10:4)
(HEALTH EDUCATION)

LAPIN, Konstantin Vladimirovich, kand.med.nauk; SOKOLOV, I.S., red.; SHTEYNBERG, L.K., tekhred.

[Health education in the mass campaign for cleanliness and providing for public services] Sanitarnoe prosveshchenie v massovom dvizhenii za chistotu i blagoustroistvo. Pod red. I.S.Sokolova. Moskva, 1958. 150 p. (MIRA 12:7)
(Health education)

SOKOLOV, I.S. (Moscow)

"Influenza and its control" by A.A. Smorodintsev. Reviewed by I.S. Sokolov. Med.sestra 17 no.6:44 Je '58 (MIRA 11:6)
(INFLUENZA)

SOKOLOV, I.S., kand.med.nauk (Moscow)

Health education regarding the prevention of dysentery. (MIRA 11:7)
Med.sestra 17 no.7:25-27 Jl '58
(DYSENTERY)
(HEALTH EDUCATION)

SOKOLOV, I.S. (Moscow)

"Protecting the health of workers on livestock farms" by P.P. Radkin. Reviewed by I.S. Sokolov. Fel'd. i akush. 23 no.8:61 Ag '58 (MIRA 11:8)
(AGRICULTURE--HYGIENIC ASPECTS)
(RADKIN, P.P.)

ROMASENKO, Vladimir Aleksandrovich, kand.med.nauk; SOKOLOV, I.S., red.; KAINSON, I.Ya., tekhred.

[Alcoholism and neuropsychic disorders] Alkogolizm i nervno-psikhicheskie rasstroistva. Izd.2. Moskva, In-t sanitarnogo prosv. M-va zdravookhraneniia SSSR, 1959. 26 p. (MIRA 13:8)
(ALCOHOLISM) (MENTAL ILLNESS)

ORLOVSKIY, L.V., kand. med. nauk; SOKOLOV, I.S., red.; KAINSON, I.Ya., tekhn. red.

[[Materials for propaganda against alcoholism] Sbornik materialov po protivoalkogol'noi propagande. Sost. L.V.Orlovskii. Moskva, 1960. 149 p. (MIRA 14:9)

1. Moscow. TSentral'nyy institut sanitarnogo prosveshcheniya. (Alcoholism)

SOKOLOV, I.S., kand.med.nauk, red.; KAINSON, I.Ya., tekhred.

[Studies on the history of Soviet health education] Ocherki po istorii sovetskogo sanitarnogo prosveshcheniia. Pod red. I.S.Sokolova. Moskva, 1960. 399 p. (MIRA 13:12)

1. Moscow. TSentral'nyy nauchno-issledovatel'skiy institut sanitarnogo prosveshcheniya.
(HEALTH EDUCATION)

SOKOLOV, I.S. (Moskva)

"Importance of preventive inoculations" by I.I. Rogozin. Reviewed by I.S. Sokolov. Fel'd. i akush. 25 no. 7:64 Je '60. (MIRA 13:8)

(INOCULATION) (ROGOZIN, I.I.)

ZABOLOTSKAYA, L.P., kand. med. nauk; BAZILEVSKAYA, N.A., kand. med. nauk; SOKOLOV, I.S., red.; KAINSON, I.Ya., tekhn. red.

[Index to literature on the subject: "Independent activity by the public in the protection of health and the work of volunteers health groups" from 1957 to July 1, 1960] Ukazatel' literatury na temu: "Obshchestvennaia samodeiatel'nost' naseleniia po okhrane zdorov'ia i obshchestvennyi aktiv zdravookhraneniia" s 1957 g. po 1 iiulia 1960 g. Sostavili L.P.Zabolotskaia i N.A.Bazilevskaia. Moskva, 1961. 27 p. (MIRA 14:11)

1. Moscow. TSentral'nyy nauchno-issledovatel'skiy institut sanitarnogo prosveshcheniya.

(BIBLIOGRAPHY—PUBLIC HEALTH)

SOKOLOV, I.S., kand.med.nauk (Moskva)

Antialcoholism publicity in the U.S.S.R. and in capitalist countries. Sov.zdrav. 20 no.2:25-30 '61. (MIRA 14:5)
(ALCOHOLISM) (HEALTH EDUCATION)

SOKOLOV, I.S. (Krivoy Rog)

Work experience of the Society of Physicians of the 20th Party Congress Mine. Vrach.delo no.9:145-146 S '62. (MIRA 15:8)
(KRIVOY ROG BASIN--MEDICAL SOCIETIES)

SOKOLOV, I.S., vrach; EPSHTEYN, Yu.P., vrach

Thirty-one years of work at the registry. Med.sestra 21 no.8:60 Ag '62. (MIRA 15:9)

(DRUZ', ANNA SIDOROVNA, 1906-)

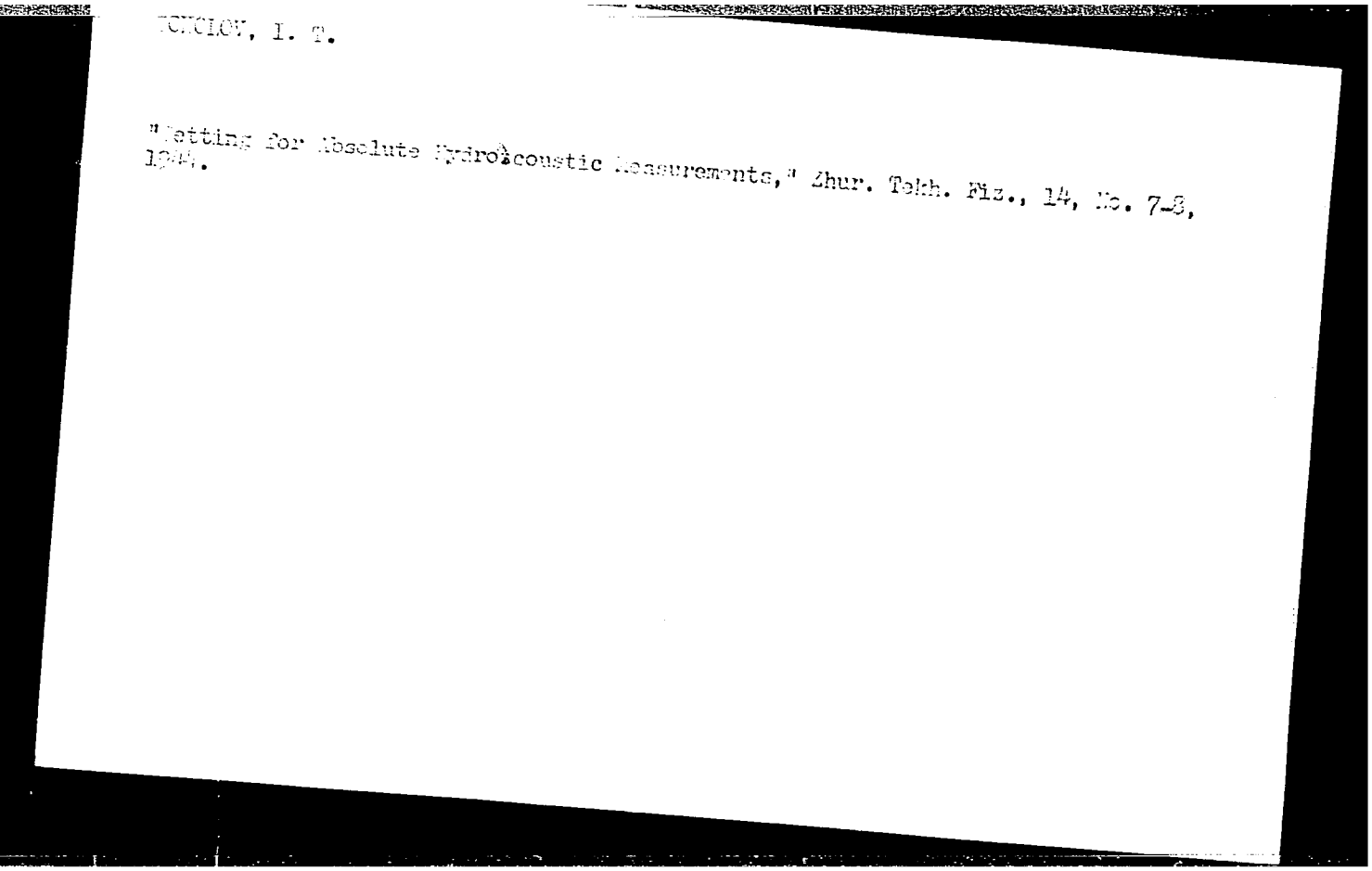
GOKHLERNER, Galina Borisovna; SOKOLOV, I.S., kand. med. nauk, red.

[Sanitary culture to the masses! Educational visual aid on the methodology of sanitary culture] Sanitarnuiu kul'[illegible] - v massy! Uchebno-nagliadnoe posobie po metodike sanitarnogo prosveshcheniia. Moskva, In-t sanitarnogo prosveshcheniia M-va zdravookhraneniia SSSR, 1963. 30 p. (MIRA 17:8)

SOKOLOV, I.S.

Method of fixing the peripheral end of the rubber tube introduced into the stomach. Med. sestra 22 no.10:53 O'63 (MIRA 16:12)

1. Iz gorodskoy bol'nitsy No.14, Krivoy Rog.



TCHCIOV, I. T.

"Setting for Absolute Hydroacoustic Measurements," Zhur. Tekh. Fiz., 14, No. 7-8, 1944.

SOKOLOV, T. T.

"Application of King's Mathematical Theory to Radiometric Measurements of Sound Pressures in Liquids", Zhur. Tekh. Fiz., 15, Nos. 4-5, 1945.

USSR/Radio Sep/Oct 1947
Transmission Lines
Mathematics, Applied

"Drawing up of Circuit Diagrams and Their Use for Solving Some Problems in Regard to Transmission Lines," I.T. Sokolov, Candidate Tech Sci, 12 pp

"Radiotekh" Vol II, No 7

Discusses some theoretical conclusions based on circuit diagrams drawn for calculations and observations of some basic factors in the field of the theory of transmission lines. Describes method of drawing up circuit diagrams and shows methods whereby they can be used for solution of some actual problems.

45T90

SOKOLOV, I. T.

Treatment of pulmonary tuberculosis in sanatoria in hot weather.
Sovet med. No. 6, June 50. p. 28-9

1. Of the Sanatorium imeni Semashko (Head Physician--K. P. Patskevich), Simeiz Resort, Crimean Peninsula.

CLML 19, 5, Nov., 1950

SOKOLOV, I.T.

Remarks on Prof. A.S.Furman's article "Indications for sending pulmonary tuberculosis to the southern Crimean shore for treatment." Probl. tub. no.3:84 My-Je '54. (MLRA 7:11)

1. Glavnyy vrach Simeizskogo tuberkuleznogo sanatoriya im. Semashko
(CRIMEA--TUBERCULOSIS)
(TUBERCULOSIS--CRIMEA)

SOKOLOV, I.T.; SOKOLOV, S.B.; GRESHCHENKO, K.G.

Photography of intrapleural adhesions in artificial pneumothorax. [with summary in French]. Probl.tub. 34 no.6:63-65 N-D '56. (MIRA 10:2)

1. Iz khirurgicheskogo otdeleniya (zav. I.T.Sokolov) Tuberkuleznogo sanatoriya imeni Semashko (glavnyy vrach Ye.P.Slavetitskaya) Upravleniya kurortov Ministerstva zdravookhraneniya SSSR na Yuzhnom beregu Kryma.

(PNEUMOTHORAX, ARTIFICIAL,
perop. photography of intrapleural adhesions (Rus))
(ADHESIONS,
photography of intrapleural adhesions in artif. pneumothorax (Rus))
(PHOTOGRAPHY,
of intrapleural adhesions in artif. pneumothorax (Rus))

SOKOLOV, I. V.

"The Centrifugal Machines" - book

reviewed in:
Vest Mash p. 84 Oct 51

1. [illegible], I.V.

2. USSR (600)

4. Bee Culture - Queen Re aring

7. Artificial insemination of bee queens. Pchelovodstvo 29. no. 11. 1952.

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

SOKOLOV, I. V.

MOVING PICTURES

Contribution of Russian science and engineering in inventing moving pictures. Izv. AN SSSR Otd. tekh. nauk No. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952 1953, Uncl.

SOKOLOV, I. V.

USSR/Physics - Photography, Infrared Sep 53

"Photographic Methods of Scientific Investigation," I. V. Sokolov

Priroda, No 9, pp 13-22

Notes that photography can now record waves as short as 1 micron ('Fotoreproduktsiya Nevidimogo' (Photoreproduction of the Invisible), by A. I. and G. A. Didebulidze, Tbilisi, 1946). States that O. B. Lepeshinskaya has developed a microphotographic method for demonstrating the sequence of development of cells from living matter. Cites 'Fotografiya Nevidimykh Luchakh Spektra' (Photography in the Invisible Rays of the Spectra), Acad Sci USSR Press, 1935) as the source for information on infrared photography. Remarks that photography combined with electron-optical image-converters has been employed in 1948 by A. A. Kalinyak, V. I. Krasovskiy and V. B. Nikonov to study the Galaxy (DAN 66, No 1,'49). States that Ye. M. Brumberg has developed a new method of ultraviolet microphotography (Usp Fiz Nauk 61, No 3, 1950). Describes other techniques such as: astrospectrography (G. A. Shayn); x-ray defectoscopy; x-ray spectral analysis; x-ray structural analysis; tomography (a special method for obtaining roentgenograms in which the x-ray tube executes oscillatory movements to give very sharp details); fluorography; tomofluorography; electronography (a method using bunches of high-speed electrons, whose theory was developed in 1929 by Acad V. P. Linnik and in 1931 by Acad A. A. Lebedev adding magnetic lenses); radiophotography (tracer method used by biologists A. A. Drobkov, V. V. Rachinskiy, Usp Sovrem Biol. 31, No 1, 1951); stereophotogrammetry (F. V. Drobyshev, 1934); high-speed photography (K. V. Chibisov).

276T96

SOKOLOV, I.V.

Contributions of Russian science and technology to the invention of the kinetograph. Trudy po ist.tekh. no.4:135-168 '54.(MLRA 7:9)
(Kinetograph--History)

SOKOLOV, I.V.

In the world of infinitesimal quantities. Nauka i zhizn' 22 no.11: 21-23 N '55. (Microphotography) (MLRA 9:1)

SOKOLOV, I.V.

Colliding galaxies. Nauka i zhizn' 23 no.6:32 Je '56. (MLRA 9:9)

(Milky Way)

SOKOLOV, I.V.

The dark satellite of 61 Cygni. Nauka i zhizn' 23 no.8:52 Ag '56.
(Satellites) (Stars, Double) (MIRA 9:9)

SOKOLOV, I. V. Cand Tech Sci -- (diss) "History of the ~~[illegible]~~ Invention of the Cinematograph." Mos, 1957. 13 pp 22 cm. (Academy of Sciences USSR, Inst of the History of Natural Sciences and ~~Engineering~~ Technology), 110 copies (KL, 27-57, 107)

SUBJECT: USSR/Photography 25-5-24/35

AUTHOR: Sokolov, I.V.

TITLE: Photography of Lightnings (Fotografirovaniye molnii)

PERIODICAL: Nauka i Zhizn' - May 1957, No 5, p 52 (USSR)

ABSTRACT: Scientific photography is extensively used for investigating physical phenomena and technical processes. Recently this method was applied for examining the various phases of an artificial lightning in the power engineering institute of the USSR Academy of Science. Special cameras with quartz objectives for photographing in ultra-violet rays and highspeed cameras with electro-optical shutters were employed, enabling to record on plates processes lasting no longer than one hundred millionth part of a second. By comparing various photos taken by these cameras it was possible to follow the development of an artificial lightning from its early stage to the full discharge.

Card 1/2

SOKOLOV, I.

Basic trends of photographic research in 1957. Sov. foto 17 no.3:51-52 Mr '57. (MLRA 10:6)
(Photography)

SKOLOV, I., doktor biol. nauk.

Unusual hunting. Sov. foto 18 no.5:35-37 My '58. (MIRA 11:5)
(Photography of animals)

SOKOLOV, I.

First photographic portraits. Sov.foto 18 no.11:71-72 N '58.
(MIRA 11:12)

(Photography--Portraits)

23(4,5)
30(7)

SOV/26-59-3-10/47

AUTHOR: Sokolov, I.V., Candidate of Technical Sciences (Moscow)

TITLE: Moving Picture Methods in Scientific Research

PERIODICAL: Priroda, 1959, Nr 3, pp 55 - 60 (USSR)

ABSTRACT: In 1947, representatives of 19 countries founded the International Association of Scientific Cinematography whose 12th regular congress took place in Moscow in September 1958. Simultaneously, an International Festival of Popular-Scientific Films was held. The Congress discussed problems of applying cinematography in astronomy and cosmonautics; shooting films of micro-biological processes; filming with the use of a microscope, combining X-ray cinematography with television, and a number of other problems. The author gives a historical review of the application of cinematography in astro-

Card 1/9

Moving Picture Methods in Scientific Research

ments of Motion Pictures Research in Space Medicine". This film contains scientific documents on a series of experiments of laboratory studies in regard to the influence of accelerating motion and lack of oxygen in man's organism. Individual frames showed experimental dogs with and without space suits, which had been lifted in rockets to 110 and 210 km, also at moments when the motion of the rockets was accelerated and in a state of weightlessness. The motion pictures were taken with the help of a reflecting mirror. Several outstanding scientific-research films were demonstrated for which phase-contrast micromotion pictures were taken. These slow-motion films, taken in the Institut bakteriologii i epidemiologii Akademii meditsinskikh nauk SSSR (Institute of Bacteriology and Epidemiology of the USSR Academy of Medical Sciences), by film producer S. Komm under the supervision of V.D. Timakov, Active Member of the

Moving Picture Methods in Scientific Research

A special meeting of the Permanent Committee was devoted to a comparative analysis of the phase-contrast negative, anoptral-contrast and interference phase-contrast methods of microscopy and micro-cinematography. Doctor Hans Jürgen Rind from the Children's Hospital of the Humboldt University in Berlin (GDR) submitted information on "The Comparison of the Usual Phase-Contrast Method with Interference Microscopy when Investigating the Phagocytosis of White Blood Cells" and demonstrated a film on this theme. Colored micro motion picture films show more clearly the biological process than the usual black-white shootings. In the film "Studying the Effect of Radiation on Individual Cells of Blood Producing Organs by the Method of Tissue Culture", taken by Candidate of Biological Sciences A.F. Ivanitskaya, Senior Staff Member of the Institut morfologii zhivotnykh Akademii nauk SSSR (Institute for the Morphology of Animals USSR AS), the micro motion picture films

Moving Picture Methods in Scientific Research

disclosed some internal processes in the cells of the blood-producing organs of amphibia after a total irradiation with a mortal dose of 2,000 r. The author furnishes some information on trials to obtain luminescent micro motion pictures of living biological objects. Film operator I.N. Birukov took a luminescent picture of a saccharomycetes. Later, he and the post-graduate students G.G. Polikarpov and V.I. Korogodin developed, under the guidance of Professor B.N. Tarusov, a quantitative bio-physical method of determining symptoms of a radial affect according to the dynamics of the luminescence brightness. The work was carried out on yeast cells and hydras. In 1956, I.N. Birukov, in cooperation with the post-graduate student S.V. Konev, developed a method of utilizing the fluorescent pigment of phycoerathrin, separated from algae by the Soviet scientist A.A. Krasnovskiy (Institut biokhimii Aka-

Card 7/9

Moving Picture Methods in Scientific Research

demii nauk SSSR - Institute of Biochemistry USSR AS). Recently, I.N. Birukov succeeded in taking micro motion pictures of the primary luminescence of hydra. Professor M.N. Meysel', in charge of the Section of Morphology of the Institut mikrobiologii Akademii nauk SSSR (Institute of Microbiology of the USSR AS), showed in a film and in his report "Luminescent Microscopy and Micro Motion Pictures" that micro photographs and micro motion pictures of individual cells, treated with luminescent dyestuff, open great possibilities for a quick perception of tumorous and normal cells and for distinguishing living and dead cells of microorganisms. In the film "The Formation of Crystals", taken by the operator V.F. Parvov under the guidance of Academician A.V. Shubnikov, colored micro motion pictures in polarized light (with a frequency of 2 to 64 frames per second) show the processes of formation of various crystals. Some frames showed how the acicular crystal of

SOKOLOV, I., (Chernovtsy)

News photographs in enterprises. Sov.foto. 19 no.1:24-27 Ja '59.
(MIRA 12:3)

1. Sekretar' Chernovitskogo oblastnogo soveta profsoyuzov.
(Photography, Journalistic)

SOKOLOV, Ipp., kand.tekhn.nauk

Invention of the first photographic process. Sov.foto. 19 no.1:65-69 Ja '59. (MIRA 12:3)
(Photography--History)

SOKOLOV, Ipp., kand. tekh. nauk.

Origin of modern photography. Sov. foto 19 no.2:52-56 F '59. (MIRA 12:3)

(Photography--History)

SOKOLOV, I., kand. tekhn. nauk

The first film camera and the first photographic film. Sov. foto 19 no.5:82-83 My '59. (MIRA 12:9)
(Varnerke, L.V., 1837-1900)

SOKOLOV, Ippolit Vasil'yevich; KONOPLEV, B.N., red.; FOMIN, A.A., red.; CHICHKRIN, A.N., tekhn.red.

[History of the invention of motion pictures] Istoriia izobreteniia kinematografa. Pod obshchei red. B.N.Konopleva. Moskva, Gos.izd-vo "Iskusstvo," 1960. 193 p. (MIRA 14:4)

(Motion pictures)

SOKOLOV, I.V.

Use of tiphen-promedol in stenoacrdia and some other diseases.
Sov.med.19 no.8:26-28 Ag '55 (MLRA 8:10)

1. Iz gospital'noy terapevticheskoy kliniki (dir.-prof. P.E. Lukomskiy) II Moskovskogo gosudarstvennogo meditsinskogo instituta imeni I.V.Stalina.

(ANGINA PECTORIS, therapy
diphenylthioacetic acid 2-diethylaminoethyl ester with 4-phenyl-4-propoxy-1,2,5,-trimethylpiperidine HCl)
(MUSCLE RELAXANTS,
diphenylthioacetic acid 2-diethylaminoethyl ester with 4-phenyl-4-propoxy-1,2,5,-trimethylpiperidine HCl in angina pectoris)
(ANALGESICS, therapeutic use
4-phenyl-4-propoxy-1,2,5,-trimethylpiperidine HCl with dimenthylthioacetic acid 2-diethymaminoethyl ester in angina pectoris)

SOKOLOV, I.V.

Use of a new analgesic, anadol, in internal diseases. Sov.med. 20 no.8:62-65 Ag '56. (MLRA 9:10)

1. Iz gospital'noy terapevticheskoy kliniki (dir. - prof. P.Ye. Lukomskiy) II Moskovskogo meditsinskogo instituta imeni I.V.Stalina.
(ANALGESICS,
1,3-dimethyl-4-phenyl-4-propionyl-oxy-piperidine, eff. & pharmacol.)

SOKOLOV, I.V.

Disturbances of the intraventricular conductivity in patients with atherosclerotic cardiosclerorosis. Terap. arkh. 30 no.11:32-43 N '58. (MIRA 12:7)

1. Iz gospital'noy terapevticheskoy kliniki (dir. - prof. P.Ye. Lukomskiy) II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.
(HEART--DISEASES) (ELECTROCARDIOGRAPHY)

SOKOLOV, I. V.

Cand Med Sci - (diss) "Changes in electrocardiogram in patients with aterosclerotic cardiosclerosis." Moscow, 1961. 15 pp; (First Moscow Order of Lenin Med Inst imeni I. M. Sechenov); 250 copies; price not given; (KL, 6-61 sup, 240)

L 44191-66 EWP(m)/EWP(j)/T IJP(c) MW/RM

ACC NR: AP6013281 (A) SOURCE CODE: UR/0413/66/000/008/0079/0079 57 B

INVENTOR: Kotlyarevskiy, I. L.; Zanina, A. S.; Gusenkova, N. M.; Sokolov, I. Ye.; Cherepov, Ye. I.

ORG: none

TITLE: Preparation of oligomers. Class 39, No. 180797 [announced by the Institute for Chemical Kinetics and Combustion, Siberian Branch, Academy of Sciences, SSSR (Institut khimicheskoy kinetiki i goreniya Sibirskogo otdeleniya Akademii nauk SSSR)]

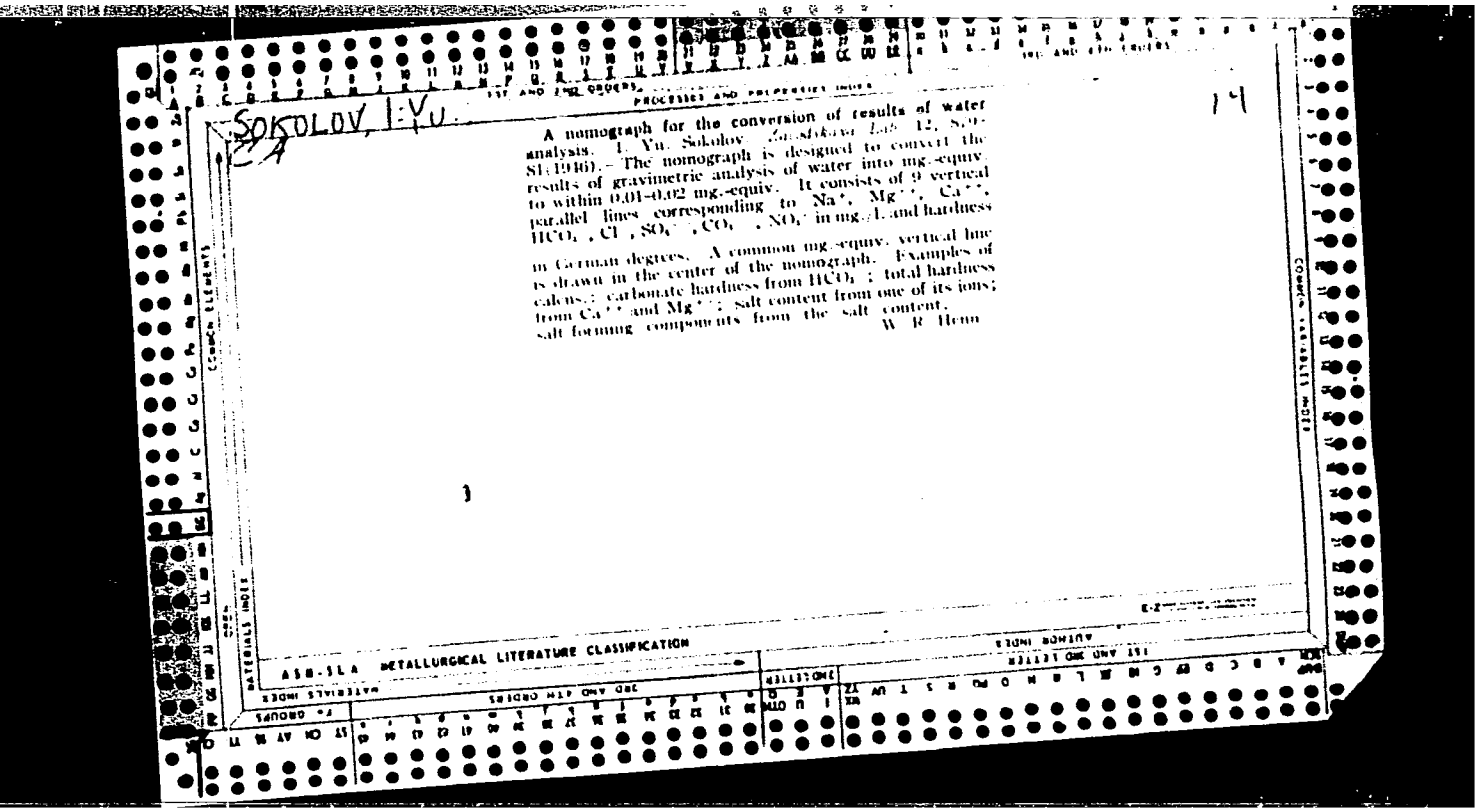
SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 8, 1966, 79

TOPIC TAGS: oligomer, polyarylene, polyacetylene, polycondensation, heat resistant material, dielectric strength

ABSTRACT: This Author Certificate introduces a method for preparing an oligomer of the polyarylene polyacetylene series by oxidative polycondensation of diacetylene. To obtain soluble polymer compounds with high heat resistance and dielectric strength, 2, 2-bis-(4' -methoxy-3' -ethynylphenyl)-propane is suggested as the diacetylene. [LD]

SUB CODE: 07,11/ SUBM DATE: 29Mar65/

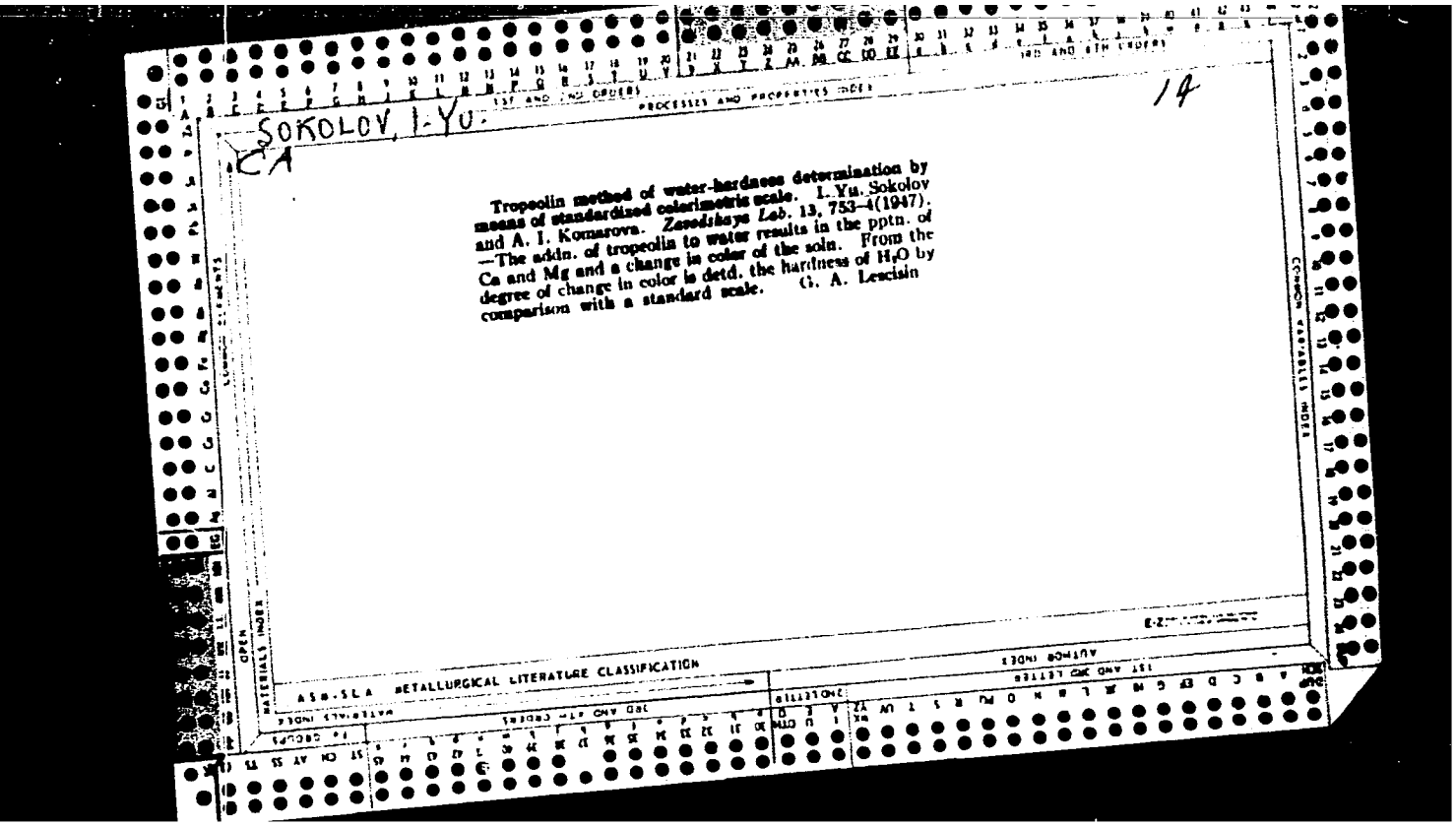
Card 1/1 afm



SOKOLOV, I. Yu.

A nomograph for the conversion of results of water analysis. I. Yu. Sokolov. *Zavodskaya Lab.* 12, No. 9-10, 81 (1946). – The nomograph is designed to convert the results of gravimetric analysis of water into mg.-equiv. to within 0.01–0.02 mg.-equiv. It consists of 9 vertical parallel lines corresponding to Na^+, Mg^{++}, Ca^{++}, HCO_3^-, Cl^-, SO_4^{--}, CO_3^{--}, NO_3^- in mg./L. and hardness in German degrees. A common mg.-equiv. vertical line is drawn in the center of the nomograph. Examples of calcns.: carbonate hardness from HCO_3^-; total hardness from Ca^{++} and Mg^{++}; salt content from one of its ions; salt forming components from the salt content.

W. R. Henn



SOKOLOV, I. Yu.
CA

14

Tropeolin method of water-hardness determination by means of standardized colorimetric scale. I. Yu. Sokolov and A. I. Komarova. *Zavodskaya Lab.* 13, 753–4(1947). —The addn. of tropeolin to water results in the pptn. of Ca and Mg and a change in color of the soln. From the degree of change in color is detd. the hardness of H_2O by comparison with a standard scale. G. A. Lescisin

SOKOLOV, I.Yu.

Field hydrochemical laboratories. Sov.geol. no.21:58-72 '47
(MLRA 8:8)

(Water--Analysis) (Chemical laboratories)

SOKOLOV, I.Yu; KUZNETSOVA, Z.I.

Method of determining unstable component directly at the water source in the case of regional hydrogeological research. Gidrokhim.mat.24:15-18 '55. (MLRA 9:4)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut gidrogeologii i inzhenernoy geologii, Moskva.
(Water, Underground) (Water--Analysis)

SOKOLOV, I.Yu.

Critical survey of existing All-Union State Standards of chemical water analysis. Gidrokhim.mat.24:59-61 '51. (MLRA 9:4)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut gidrogeologii i inzhenernoy geologii, Moskva.
(Water, Underground) (Water--Analysis)

KNIPOVICH,Yu.N., redaktor; SOKOLOV,I.Yu., redaktor; SOCHEVANOV,V.G., redaktor; TITOV,V.I., redaktor; SHMANENKOV,I.V., redaktor KOLOSKOVA,M.I., redaktor; PEN'KOVA,S.A., tekhnicheskiy redaktor

[Chemical and physico-chemical methods of analyzing mineral ores] Khimicheskie i fiziko-khimicheskie metody analiza mineral'nogo syr'ia. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1955. 191 p. (MLRA 9:4)

1. Vsesoyuznoye soveshchaniye rabotnikov khimiko-analiticheskikh laboratoriy.
(Ores--Sampling and estimation)

Sokolov, I. Yu.

SHMANENKOV, I.V.; SOKOLOV, I.Yu.

Tasks in the development of laboratories of geological organizations. Razved. i okh. nedr 23 no.9:61-63 S '57. (MIRA 10:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii i standartizatsii (for Shmanenkov). 2. Ministerstvo geologii i okhrany nedr SSSR (for Sokolov).
(Laboratories) (Geology)

SOKOLOV, Igor' Yur'yevich; BEREZOVSKAYA, L.I., red.; GUROVA, O.A., tekhn. red.

[Tables and nomographs for calculating results of hydrochemical analysis] Tablitsy i nomogrammy dlia rascheta resul'tatov gidrokhimicheskikh analizov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1958. 85 p. (MIRA 11:7)
(Water—Analysis)

SOKOLOV, I. Yu.

PHASE I BOOK EXPLOITATION SOV/5592

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

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

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

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

Card 1/11

Tech. Ed.: A. S. Polosina.

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

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

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

TABLE OF CONTENTS:

SHMANENKOV, I.V., red.; ZVEREV, L.V., red.; KOVALENKO, O.V., red.; SOKOLOV, I.Yu., red.; EYGELES, M.A., red.; Prinyali uchastiye: BASMANOV, V.A., red.; KAMINSKAYA, L.S., red.; KOTS, G.A., red.; LEVIUSH, I.T., red.; MOKROUSOV, V.A., red.; PODKOSOV, L.G., red.; ROZHKOVA, Ye.V.; SOLOV'YEV, D.V., red.; FEDOROV, P.N., red.; FINKEL'SHTEYN, I.D.; KHONINA, O.I., red.; GRISHINA, T.B., red. izd-va; GUROVA, O.A., tekhn. red.

[Studies on the dressing and industrial processing of minerals] Issledovaniia po obogashcheniiu i tekhnologii poleznykh iskopaemykh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 131 p. (MIRA 14:7)

1. Russia(1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. 2. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya (for Eygeles, Leviush) (Ores)

SOKOLOV, I.Yu.; AYDIN'YAN, N.Kh.; BELEKHOVA, V.N.; BRODSKIY, A.A., starshiy nauchnyy sotrudnik; GLEBOVICH, T.A.; DAIMATOVA, T.V.; KOMAROVA, A.I.; KOMAROVA, Z.V.; KOPYLOVA, M.M.; KUDRYAVTSEVA, M.M.; LIBINA, R.I.; LOGINOVA, L.G.; MARGOLIN, L.S.; MARKOVA, A.I.; MEDVEDEV, Yu.L.; MILLER, A.D.; MULIKOVSKAYA, Ye.P.; NECHAYEVA, A.A.; OZEROVA, N.V.; PALKINA, I.M.; PETROPAVLOVSKAYA, L.A.; POPOVA, T.P.; REZNIKOV, A.A.; SERGEYEV, Ye.A.; SETKINA, O.N.; STEPANOV, P.A.; SUVOROVA, Ye.G. [deceased]; SHERGINA, Yu.P.; PANOVA, A.I., red.izd-va; IVANOVA, A.G., tekhn.red.

[Methodological handbook on the determination of microcomponents in natural waters during prospecting for ore deposits] Metodicheskoe rukovodstvo po opredeleniiu mikrokomponentov v prirodnykh vodakh pri poiskakh rudnykh mestorozhdenii. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 287 p. (MIRA 14:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrogeologii i inzhenernoy geologii (for Sokolov, Brodskiy, Glebovich, Ozerova, Kudryavtseva, Loginova, Markova, Medvedev, Belekhova, Palkina,

(Continued on next card)

SOKOLOV, I.Yu.---(continued) Card 2.
Popova, Petropavlovskaya). 2. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR (for Aydin'yan). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut metodiki i tekhniki razvedki (for Miller, Sergeyev, Margolin). 4. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut (for Mulikovskaya, Reznikov). 5. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya (for Komarova, A.).
(Prospecting--Geophysical methods)
(Water, Underground---Analysis)

SOKOLOV, I.Yu.; POLYAKOV, V.A.; LUSHNIKOV, V.V.

Studying the completeness of the concentration of microcomponents in natural waters by means of radioactive isotopes. Vop. gidrogeol. i inzh.geol. no.19:183-188 '61. (MIRA 15:2)
(Water underground--Analysis)
(Radioisotopes--Industrial applications)

AL'TOVSKIY, M.Ye.; CHAPOVSKIY, Ye.G.; BABUSHKIN, V.D.; BINDEMAN, N.N.; LAPTEV, F.F.[deceased]; SOKOLOV, I.Yu.; CHALISHCHEV, A.M.[deceased]; PROKHOROV, S.P.; TOKAREV, A.N.; KOROTEYEV, A.P.; ABRAMOV, S.K.; KONOPLYANTSEV, A.A., red.; PRIKLONSKIY, V.A., red. deceased]; SPITSYN, N.I., red.; MARINOV, N.A., red.; KULICHIKHIN, N.I., red.; GARMONOV, I.V., red.; LYUBCHENKO, Ye.K., red. izd-va; POTAPOV, V.S., red. izd-va; GUROVA, O.A., tekhn. red.

[Hydrogeologist's handbook] Spravochnik gidrogeologa. Pod obshchei red. M.E.Al'tovskogo. Moskva, osteoltekhizdat, 1962. 615 p. (MIRA 15:7)

(Water, Underground)

SOKOLOV, I.Yu.

GKhL-1 semiportable field laboratory (developed by the All-Union Scientific Reseach Institute of Hydrogeology and Geological Engineering) for hydrochemical prospecting for ore deposits. Razved.i okh.nedr 28 no.4:44-45 Ap '62. (MIRA 15:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrogeologii i inzhenernoy geologii.
(Geochemical prospecting--Equipment and supplies)
(Water, Underground--Analysis)

REZNIKOV, Aleksandr Abramovich; MULIKOVSKAYA, Ye.P.; SOKOLOV, I.Yu.; KNIPPOVICH, Yu.N., red.; CHUMACHENKO, Z.N., red. izd-va; SHMAKOVA, T.M., tekhn. red.

[Methods of analysis of natural waters] Metody analiza prirodnykh vod. Izd.2., dop. i perer. Moskva, Gosgeoltekhizdat, 1963. 403 p. (MIRA 16:8)
(Water, Underground--Analysis)

MEDVEDEV, Yu.L.; SOKOLOV, I.Yu., nauchn. red.

[Determination of sodium and potassium ions in natural waters by the method of flame photometry; methodological instructions] Opredelenie ionov natriia i kaliia v prirodnykh vodakh metodom fotometrii plameni; metodicheskie ukazaniia. Moskva, 1962. 16 p. (MIRA 17:7)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrogeologii i inzhenernoy geologii.

1. SOKOLOV, K.

2. USSR (6CC)

4. Cotton Picking

7. Peculiarities in organizing the cotton harvest after frosts in areas where cotton is grown without irrigation, Khlopkovodstvo, No. 9, 1952.

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

ACC NR: AP6021974 (A) SOURCE CODE: UR/0153/66/009/002/0314/0316

AUTHOR: Kazanskaya, V. F.; Klimova, O. M.; Tikhomirov, E. A.; Sokolov, G. I.

ORG: Plastics Technology Department, Leningrad Technological Institute im. Lensovet (Kafedra tekhnologii plasticheskikh mass, Leningradskiy tekhnologicheskiy institut)

TITLE: Copolymerization of vinylene carbonate with acrylonitrile in aqueous solutions

SOURCE: IVUZ. Khimiya i khimicheskaya tekhnologiya, v. 9, no. 2, 1966, 314-316

TOPIC TAGS: acrylonitrile, carbonate, copolymerization

ABSTRACT: Vinylene carbonate (VC) was copolymerized with acrylonitrile (AN) in 8% aqueous solutions at 20°C without adding any special initiators. All the copolymers were purified by reprecipitation from a dimethyl sulfoxide - acetone mixture, the degree of conversion was determined gravimetrically, and the copolymer composition was obtained from ultimate analysis. The relative activity constants of VC and AN were calculated from the dependence of the copolymer composition on the composition of the initial VC - AN mixture, and found to be: for VC, $r_1 = 0.086 \pm 0.051$; for AN, $r_2 = 3.280 \pm 0.117$. The specific activity Q for VC was 0.043, and the polarity factor e = -0.41. The intramolecular distribution of monomer units in the copolymers was calculated. The probability of finding two consecutive VC units is very small, even for an 80:20 ratio of AN to VC in the initial mixture; hence, the copolymer molecule

Card 1/2

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is a chain consisting of large blocks of AN units which include single VC units. The VC-AN copolymers are similar in properties (solubility, capacity to form films or fibers) to polyacrylonitrile. Orig. art. has: 1 figure and 2 tables.

SUB CODE: 11/ 07/ SUBM DATE: 26Oct64/ ORIG REF: 004/ OTH REF: 005

Card 2/2 MLP

SOKOLOV, K., zasluzhennyy uchitel' shkoly RSFSR.

Bay laurel plantation. IUn.nat. no.6:24 Je '60.(MIRA 13:8)
(Laurel)

SOKOLOV, K.

Let's help the social insurance agencies. Sov. profsoiuzy 7 no.11:52 Je '59. (MIRA 12:9)

1.Inspektor Glavnogo upravleniya Gosudarstvennogo strakhovaniya UzSSR.
(Uzbekistan--Insurance, Social)

KORNEV, V., polkovnik; SOKOLOV, K., polkovnik

Engineer organization of a company strong point. Voen. vest. 42 no.8:39-43 Ag '62. (MIRA 15:7)
(Military field engineering)

KHUDOYAN, T.S.; SHAROV, A.; CHIRKOV, I. (Stalinsk, Kemerovskaya oblast'); KHAUSTOV, S. (g.Novoshakhtinsk); ARKHIPOV, V., avtomatchik; SHEVCHENKO, B.; GETMANSKAYA, Ye.; SUMTSOV, I.; KURDYUKOVA, L., doyarka; BABIY, V. (Chernovitskaya oblasti'); MAKAROV, N.; SOKOLOV, K.; SINITSKIY, N.

Letters to the editor. Sov. profsoiuzy 17 no. 5:35-39 Mr '61. (MIRA 14:2)

1. Zaveduyushchiy otdelom truda i zarplaty respublikanskogo sovprofa Armenii (for Khudoyan). 2. Staleprokatnyy zavod, Leningrad(for Arkhipov). 3. Predsedatel' pravleniya kluba sovkhoza "Krasnyy Oktyabr'," Voronezhskoy oblasti (for Shevchenko). 4. Chleny pravleniya kluba sovkhoza "Krasnyy Oktyabr'," Voronezhskoy oblasti (for Getmanskaya, Sumtsov). 5. Sovkhoz "Krasnyy Oktyabr'," Voronezhskoy oblasti (for Kurdyukova). 6. Predsedatel' tsekhkoma kotel'no-svarochnogo tseka Vol'skogo zavoda "Metallist" (for Makarov). 7. Predsedatel' postroykoma Stroitel'nogo uchastka No. 2, g.Gagra, Gruzinskaya SSR (for Sinitskiy).

(Trade unions) (State farms)

SOKOLOV, Konstantin Antonovich; ALEKSANDROV, P.D., kand.ekon.nauk, spets-redaktor; MORSHCHIKOV, V.D., red.; SHADRINA, N.D., tekhn.red.

[How we attained a continuous flow of work] Kak my dostigli ritmichnoi raboty. [Moskva] Izd-vo VTsSPS Profizdat, 1957. 82 p. (MIRA 11:5)

1. Direktor Moskovskoy obuvnoy fabriki imeni Kapranova (for Sokolov)
(Shoe industry)

SOKOLOV, K.A.

Results of a seven hour workday schedule. Kozh.-obuv.prom. no.7:12-14 Jl '59. (MIRA 12:11)

1. Direktor obuvnoy fabriki imeni Kapranova.
(Hours of labor)

SOKOLOV, K.A.; ROVKAKH, S.Ye.

Efficient system of repairing excavators. Transp.stroi. 9 no.1:25-28 Ja '59. (MIRA 12:2)

1. Glavnyy inzh. Glavstroymekhanizatsii (for Sokolov). 2. Nachal'nik otdela tekhnologii remonta Proyektno-konstruktorskogo byuro Glavstroymekhanizatsii (for Rovkakh)
(Excavating machinery--Maintenance and repair)

BONDARENKO, N.A., inzh.; RATNER, A.M., inzh.; SOKOLOV, K.A., inzh.; GUBANOV, N.P., inzh.; SORIN, N.M., inzh.; TARAKANOV, G.P., inzh.; IVANOV, S.M., inzh.; NIRK, A.D., inzh.; ROVKAKH, S.Ye., kand.tekhn.nauk; FILIPPOV, V.V., inzh.; KHAYKIS, L.B., kand.tekhn.nauk; LEBEDEV, V.I., inzh.; VELICHKIN, Ye.A., inzh., red.; KHITROV, P.A., tekhn.red.

[Handbook for machinery operators of construction areas] Spravochnik mekhanika stroitel'nogo uchastka. Moskva, Vses.izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 619 p. (MIRA 14:1)

(Building machinery--Maintenance and repair)

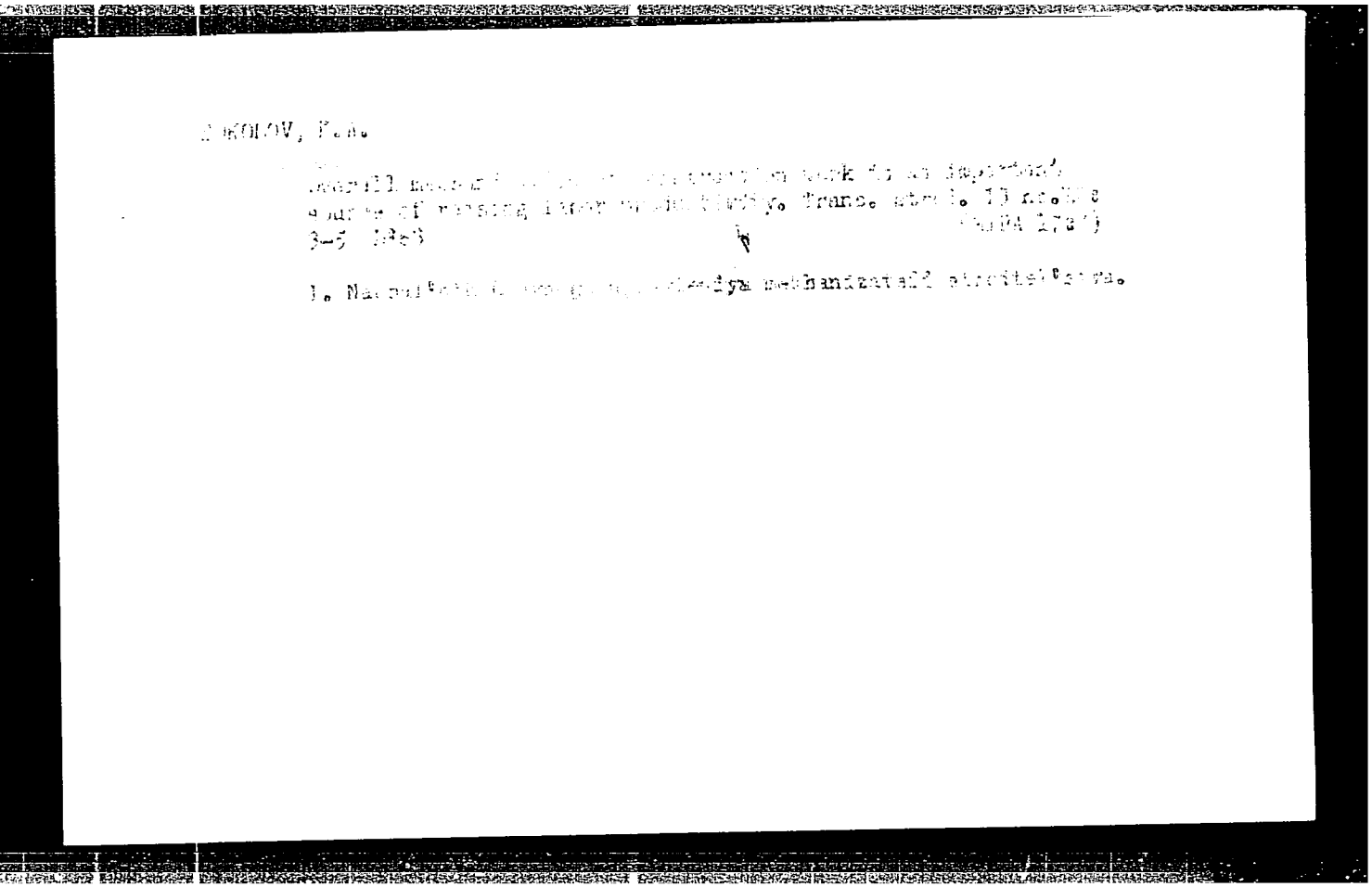
FILIPPOV, Vasiliy Vasil'yevich; ROVKAKH, S.Ye., kand. tekhn. nauk, retsenzent; SOKOLOV, K.A., inzh., retsenzent; VELICHKIN, Ye.A., inzh., red.; KHITROVA, N.A., tekhn. red.

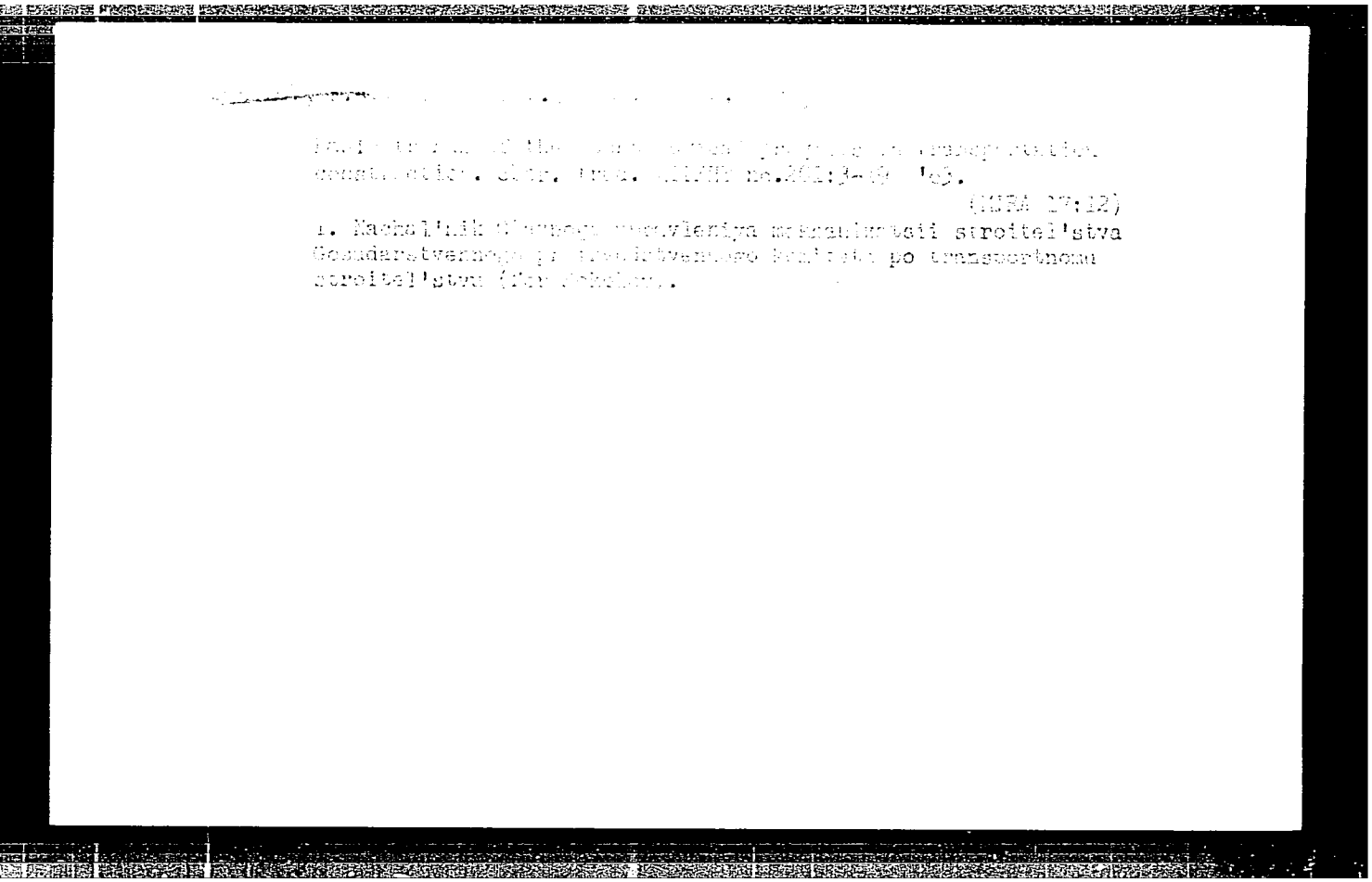
[Operation and repair of a bucket excavator] Ekspluatatsiia i remont odnokovshovykh ekskavatorov. 2., perer. izd. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 383 p. (MIRA 15:3)

(Excavating machinery)

ASHEKO, S.M.; VEKSLER, V.M.; KLAUZ, P.L.; SOKOLOV, K.A.; IGNATOVICH, A.M., prof., retsenzent; SMIRNOV, V.S., kand. tekhn. nauk, retsenzent; KRIVICH, P.S., inzh., retsenzent; ABRAGAM, S.R., inzh., red.; VOROTNIKOVA, L.F., tekhn. red.

[Operation of road, construction, and loading and unloading machines] Ekspluatatsiia putevykh, stroitel'nykh i pogruzochno-razgruzochnykh mashin. [By] S.M.Asheko.i dr. Moskva, Transzheldorizdat, 1963. 302 p. (MIRA 16:10)
(Construction equipment)





SOKOLOV, K.K., dots., kand. tekhn. nauk.

Circuits equivalent to differential systems. Sbor. nauch. trud. LETIIZHT no.5:159-166 '53. (MIRA 11:3)
(Railroads--Telephone) (Electric circuits)

SOKOLOV, K.K., dotsent, kandidat tekhnicheskikh nauk.

Theory of a compensation type counter-local circuit for central battery telephone apparatus. Sbor.nauch.trud.LETIIZHT no.6:140-152 '54. (MLRA 9:1)

(Telephone)

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AUTHORS: Stechkin, V.S., Dubinskiy, M.G., Sokolov, K.K., and Tsao Hsiao Ching (Moscow)

TITLE: Concerning radial equilibrium of flow

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh nauk, Energetika i avtomatika, 1961, No.4, pp. 11-15

TEXT: In designing axial-flow compressors and also turbines with long blades, it is important to calculate correctly the velocity distribution in the axial clearances between blades. There is still no general agreement about the best way of doing this, although as axial-flow machines have been made of high efficiency it might appear that published methods of calculation were acceptable. However, the formulae used in most of the methods are based on the so-called equation of 'radial equilibrium' which is the projection of the equation of motion on the radius assuming that there is no radial acceleration of the air particles. This equation together with Bernoulli's equation has been used to find a differential equation between the axial and tangential speeds or between the angle of swirl of flow and the absolute speed

Card 1/ 4

Concerning radial [illegible]librium of ...

along the radius. Unfortunately, the usual relationship between the axial and tangential speeds is ill-founded, and the derivation given usually incorrect. The relationship between the axial and tangential speeds is usually given in the following form:

$$\frac{d}{dr}\left(\frac{c_z^2}{2}\right) = -\frac{1}{2r^2}\frac{d(c_{ur})^2}{dr} \qquad (3)$$

Here: c_{ur} is the tangential component of the velocity; c_r is the radial component of the velocity; c_z is the axial component of velocity; r is the radius. The article then goes on to show that in the general case the derivation of Eq.(3) is erroneous, particularly in the method of excluding the pressure from the relationship. Eq.(3) is correct provided that the flow is axially symmetrical but Stechkin has shown that unless c_{ur} = const, motion is not axially symmetrical. The velocity component varies according to a periodic law with a velocity discontinuity at discharge from the blades. This discontinuity may occur in the case of streamline flow of a non-viscous fluid

Card 2/ 4

27646

Concerning radial equilibrium of flow S/024/61/000/004/003/025
E194/E155

and cannot occur in a real viscous fluid, in which the velocity discontinuity causes a band of turbulence. Experimental work was undertaken to study the discontinuity of flow, studying the direction of flow lines over compressor blading. The group of blades was made similar to a flat group, but the blades were twisted through a certain angle according to an arbitrary law. A plane-parallel flow passed through the group consisting of seven ducts. Details of the blade geometry are given. Flow velocities of 0.2-0.25 Mach number were used with angles of attack from +9° to -9° at the mean section. To determine the instant at which flow broke away from the back of the blades, measurements were made of the total pressure distribution immediately beyond the blades. Flow lines on each side of the blade were determined with silk threads and small metal flags, which were photographed. The silk threads were found to register the direction of flow only in the region of laminar flow immediately near the blade surface. The flags were much more stable, but under conditions where the flow breaks away the flags on the back of the blades swing about and may even be reversed under certain conditions. The tests showed that in a blade group of this kind jets of air flowing near

Card 3/4