

ACCESSION NR: AP4039686

S/0181/64/006/006/1895/1896

AUTHOR: Gusev, I. A.; Murin, A. N.; Seregin, P. P.

TITLE: Diffusion of cadmium into indium antimonide

SOURCE: Fizika tverdogo tela, v. 6, no. 6, 1964, 1895-1896

TOPIC TAGS: cadmium, indium antimonide, tagged cadmium, InSb single crystal, Cd diffusion, Cd diffusion coefficient

ABSTRACT: The diffusion of cadmium into InSb has been studied for Cd^{115m} and plane-parallel InSb specimens (0.9 x 1.2 x 0.25 cm) cut from a single crystal oriented in the [111] direction. Specimen parameters are given. The specimens were etched in a 50% SR-4A etchant solution and annealed in the presence of Cd^{115m} in evacuated ampoules for 48 hr. The diffusion coefficient was determined from the activity of thin specimen layers removed with KZM-14 abrasive paper. The activity was measured with the MST-15 counter. The distribution of Cd in InSb according to

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annealing temperature is shown in Fig. 1 of the Enclosure. The dependence of the diffusion coefficient on temperature was described by

$$D = 1.26 \exp \left(- \frac{1.75}{kT} \right).$$

The activation energy was 1.75 ev. Orig. art. has: 1 figure and 1 formula.

ASSOCIATION: none

SUBMITTED: 10Nov63

DATE ACQ: 19Jun64

ENCL: 01

SUB CODE: PH

NO REF SOV: 002

OTHER: 001

Card 2/3

ACCESSION NR: AP4039686

ENCLOSURE: 01

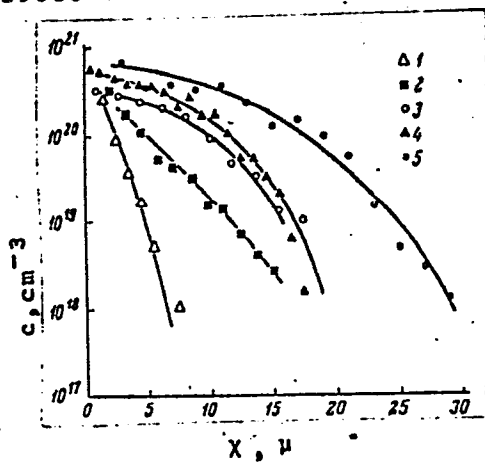


Fig. 1. Penetration curves of Cd^{115m} into InSb single crystals $T, ^\circ K$: 1 - 673, 2 - 698, 3 - 723, 4 - 748, 5 - 773; $t = 48$ hr.

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ACC NR: AP6036974 (A, N) SOURCE CODE: UR/0181/66/008/011/3291/3294

AUTHOR: Murin, A. N.; Lur'ye, B. G.; Seregin, P. P.; Cherezov, N. K.

ORG: Leningrad State University im. A. A. Zhdanov (Leningradskiy gosudarstvennyy universitet)

TITLE: Study of the state of iron in single crystals of AgCl by the Mossbauer method

SOURCE: Fizika tverdogo tela, v. 8, no. 11, 1966, 3291-3294

TOPIC TAGS: iron, silver chloride, Mossbauer spectrum, emission spectrum, crystal imperfection

ABSTRACT: The sources used for the investigation were prepared by diffusing Co^{57} in single crystals of AgCl grown by the Stockbarger method and specially treated. The Mossbauer spectrum was measured with apparatus with constant velocity and with electrodynamic vibrator. The absorber was stainless-steel foil (8 mg/cm^2) and the detector a proportional counter. The Mossbauer emission spectrum of Fe^{57m} , localized in single crystal AgCl, was found to consist of two doublets, A) with splitting 0.30 mm/sec and B) with splitting 0.20 mm/sec . Comparison of the spectrum at two temperatures (293 and 77K) and after different annealing and cooling conditions leads to the conclusion that the iron is present in the form of Fe^{2+} and Fe^{3+} ions, situated apparently in the lattice points and constituting part of complexes with vacancies. Doublet-

Card 1/2

CA

Diffusion apparatus for leaching cassettes. P. V.
Seregin and N. I. Tombarov. U.S.S.R. 60,867, Dec. 31,
1947. M. Hoch

SEREGIN, P.V.

POPOV, V.I.; DOBROSERDOV, L.L.; STABNIKOV, V.N.; ANDREYEV, K.P.;
ZHAMENSKIY, G.M., professor, rezensent; SKOBLO, D.I., kandi-
dat tekhnicheskikh nauk, rezensent; SEREGIN, P.V., kandidat
tekhnicheskikh nauk, rezensent; IZRAILEVICH, L.A., inzhener,
rezensent; MASLOVA, Ye.F., redaktor; DUBOVKINA, N.A., tekhnicheskii redaktor.

[Technological equipment for fermentation industries] Tekhnologicheskoe oborudovanie brodil'nykh proizvodstv. Moskva, Pishchepromizdat, 1953. 515 p. (MIRA 7:8)
(Distilling industries) (Brewing industries)

SEREGIN, P.V.

SKORBILIN, Sergey Fedorovich, kandidat tekhnicheskikh nauk; DAMASKINA,
G.B., redaktor; YAPASKURT, V.V., redaktor; SEREGIN, P.V., redaktor;
GOTLIB, E.M., tekhnicheskiy redaktor.

[Automatic density gauges] Avtomaticheskie plotnomery. Moskva,
Pishchepromizdat, 1955. 49 p. (MLRA 8:11)
(Specific gravity)

ARONOVICH, Vladimir Veniaminovich, kandidat tekhnicheskikh nauk; KUZNETSOV,
N.M., retsenzent; SKOBLO, D.I., retsenzent; ~~SEKIGIN, P.V.~~ spets-
redaktor; MASLOVA, Ye.F., redaktor; GOTLIB, E.M., tekhnicheskii
redaktor

[Instruments and regulators in the distilling industry] Pribory i
regulatory spirtovoi promyshlennosti. Moskva, Pishchepromizdat, 1956.
300 p. (MIRA 9:12)

(Distilling industries--Equipment and supplies)

SEREGIN, P.V.; STUDILIN, G.Ya.; YUSHKOV, V.N.

"Heat power and heat equipment in alcohol plants." S.P.Koloskev,
A.F.Kemarev. Reviewed by P.V.Seregia, G.IA. Studilia, V.N.Ushkev.
Spiri.prom.22 no.1:34-36 '56. (MIRA 9:7)
(Heat engineering)(Distilling industries--Equipment and supplies)
(Koleskev, S.P.) (Kemarev, A.F.)

SEREGIN, P. V.

read ✓ Utilization of thick-skinned grain (for alcohol manufacture). A. M. Kopylova and P. V. Seregin (Alc. plant, Slobodsk). *Spirtoaya Prom.* 22, No. 4, 13-15 (1960).—An expt. is described with thick-skinned grain; it is shown that the losses of starch can be cut down if the moisture contents of such grain are adjusted differently. W. I.

2

8EREGIN P.Y.

KOMAROV, Avramiy Fedorovich; KOLOSKOV, Sergey Pavlovich; KUZNETSOV, N.M., spetsredaktor; KHMEI'NITSKAYA, Kh.Z., redaktor; ~~SEREGIN, P.Y.~~, kandidat tekhnicheskikh nauk, retsenzent; KISINA, Ye.I., tekhnicheskiiy redaktor.

[Mechanization of labor consuming operations in distilleries]
Mekhanizatsiia trudoemkikh rabot na spirtovykh zavodakh. Moskva, Pishchepromizdat, 1957. 173 p. (MIRA 10:6)

(Distilling industries)

SEREGIN, P. V.

Chem

Continuous-action dialyzer. P. V. Seregin and K. P. Stepanichev. U.S.S.R. 105,211, Mar. 25, 1957. The dialyzer of either parallel or countercurrent flow of the dialyzing or dialyzed solu; comprises a no. of vertically arranged chambers sepd. by semipermeable membranes supported by screens. The membranes slope alternately in different directions. The slope of the membranes is adjustable. M. Husch

SEREGIN, P. V.

Filling a battery of fermentation vats with wort in a continuous fermentation process. V. I. Yarovenko, P. V. Seregin, L. A. Polynol, and E. P. Shalkina. U.S.S.R. 100,487, Aug. 25, 1957. Addn. to U.S.S.R. 06,606. The fermenting liquid moves from vat to vat because of an excess pressure maintained at the head vat. CO₂ derived from the preceding vat is fed to the head vat at a point below the level of the tube through which the fermenting liquid flows. M. Hosh.

4

SEREGIN, P.V.; KOMAROV, A.F.

Determination of heat transfer coefficients X during the
concentration evaporation of molasses waste. Trudy TSNIISP
no. 8:76-84 '59. (MIRA 14:1)
(Evaporation) (Heat—Transmission)

SEREGIN, P.V.

"Treatment of water for the food industry" by S.P.Koloskov,
A.F.Komarov. Reviewed by P.V.Seregin. Spirt.prom. 26 no.6:
48 '60. (MIRA 13:11)
(Feed-water purification) (Food industry)
(Koloskov, S.P.) (Komarov, A.F.)

SEREGIN, P.V., inzh.; GAYDAN, P.A., inzh.; SMIRNOV, Ye.A., inzh.; GINSHEVNI,
L.A., inzh.

Erecting precast reinforced concrete cooling towers. Mont. i spets.
rab. v stroi. 23 no.3:16-17 Mr '61. (MIRA 14:2)
(Cooling towers) (Precast concrete construction)

GINZBURG, Abram Solomonovich, prof.; MIKHEYEVA, Natal'ya Semenovna;
BAB'YEV, Nikolay Nikolayevich; SYROYEDOV, Viktor Iudovich;
GRACHEV, Yuriy Pavlovich; ZHURAVLEV, Vyacheslav Fedorovich;
DASHEVSKIY, V.I.; FEDOROV, N.Ye., prof., retsenzent;
SEREGIN, P.V., dots., retsenzent; GORBATOV, A.V., dots.,
retsenzent; ROGOV, I.A., dots., retsenzent; KOVALEVSKAYA,
A.I., red.

[Processes and apparatus of the food industry; practical
laboratory work] Protsessy i apparaty pishchevykh proiz-
vodstv; laboratornyi praktikum. [By] A.S.Ginzburg i dr.
Moskva, Pishchevaia promyshlennost', 1964. 270 p.

(MIRA 17:11)

1. Moskovskiy tekhnologicheskii institut myasnoy i molochnoy
promyshlennosti, kafedra protsessov i apparatov (for Fedorov,
Rogov, Gorbato). 2. Vsesoyuznyy zaochnyy tekhnologicheskii
institut pishchevoy promyshlennosti (for Seregin).

DATSEV, P. (Rybinsk); KOTIKOV, I. (pos.Revda, Murmanskaya obl.);
MIKHAYLIK, P. (Sukhumi); KONOSHENKO, A. (Arkhangel'sk);
BOGDANOV, T. (Syktyvkar, Komi ASSR); VISKOV, V. (Chelyabinsk);
SEREGIN, S. (Vorkuta)

Are stationary fire escape ladders necessary? Pozh.delo 8
no.6:26 Je '62. (MIRA 15:6)

(Fire escapes)

SOV/123-59-16-64214

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1959, Nr 16, p 86 (USSR)

AUTHOR: Seregin, S.A.

TITLE: Investigation of the Cutting Process and the Work of Hot Cutting Saws

PERIODICAL: Tr. Sibirsk. metallurg. in-ta, 1957, vyp. 5, 80 pages, illustr.

ABSTRACT: The article has not been reviewed.

Card 1/1

SEREGIN, S.A.

Friction coefficient at high sliding speeds. Bul. TSNIICM no.22:
53 '57. (MIRA 11:5)

1. Sibirskiy metallurgicheskiy institut.
(Friction)

SOV/122-59-2-33/34

AUTHOR: Seregin, S.A.

TITLE: Investigation of the Cutting Process and the Operation of Saws in Hot Cutting (Issledovaniye Protsessa Rezaneya i Raboty Pil Goryachey Rezki)

PERIODICAL: Vestnik Mashinostroyeniya, 1959, Nr 2, pp 90-91 (USSR)

ABSTRACT: The book, published as Issue 5 of the reports of the Siberian Metallurgical Institute (Trudy Sibirskogo Metallurgicheskogo Instituta) under the sub-title "Rolling Mill Manufacture" (Prokatnoye Proizvodstvo) in Stalinsk, 1957; is unfavourably reviewed by Chapka, A.M., Candidate of Technical Sciences. There are 7 Soviet references.

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SEREGIN, S.A., Cand Tech Sci—(diss) "Study of the process of cutting and
the performance of saws of hot-cutting" Stalinsk, 1957. 12 pp (Min of Higher
Education USSR. Siberian Metallurgical Inst in Sergo Ordzhonikidze),
150 copies (KL, 39-58, 128)

SEREGIN, S.A., kand.tekhn.nauk

Resistance to cutting by friction saws depending on cutting
parameters. Izv.vys.ucheb.zav.; chern.met. 2 no.7:119-125
J1 '59. (MIRA 13:2)

1. Sibirskiy metallurgicheskiy institut. Rekomendovano kafedroy
mekhanicheskogo oborudovaniya metallurgicheskikh zavodov
Sibirskogo metallurgicheskogo instituta.
(Metal cutting) (Friction)

ALEYNIKOV, A. I.; BAKLUSHIN, I. L.; VEKSHIN, I. N.; GREBENIK, V. K.; LYULENKOV, V. I.;
SABANTSEV, V. P.; SEREGIN, S. A.; SOKOLOV, L. D.; SHIROKOV, V. N.

Investigating the mechanism of the rotation process of ferroalloy
furnace baths. Izv. vys. ucheb. zav.; chern. met. no.8:181-187 '60.
(MIRA 13:9)

1. Sibirkiy metallurgicheskiy institut.
(Rotary hearth furnaces) (Iron alloys)

SEREGIN, S.A.

Correlation between the force of feeding, the radial force and the cutting force on saws of hot cutting. Izv. vys. ucheb. zav.; chern. met. 4 no.8:165-169 '61. (MIRA 14:9)

1. Sibirskiy metallurgicheskiy institut.
(Metal-cutting tools)

SEREGIN, S.A.

Calculating the resistance of metals to plastic deformation
depending on the rate of deformation and the temperature.

Izv. vys. ucheb. zav.; chern. met. 6 no.8:82-84 '63.

(MIRA 16:11)

1. Sibirskiy metallurgicheskiy institut.

LYUBENKOV, V.I.; SEREGIN, S.A.

Wearing away thermocouple for measuring the temperature of the
friction surface of metals. Izv. vys. ucheb. zav.; Chern. met.
7 no.10:180-182 '64. (MIRA 17:11)

1. Sibirskiy metallurgicheskiy institut.

SEREGIN, S.A.; LYULENKOV, V.I.

Temperature-speed dependence of the coefficient of dry sliding
friction. Izv.vys.ucheb.zav.; Chern.Met. 8 no.8:167-171 '65.
(MIRA 18:8)

1. Sibirskiy metallurgicheskiy institut.

Seregin, T. I.

15
✓ Cooling of mullite blocks. A. S. RUGA AND T. I. SEREGIN.
Steklo i Keram, 12 (8) 13-16 (1955). Intensity of air cooling
should be reduced considerably. The two-level nozzle distri-
bution should be abandoned. A method of cooling with a
small amount of air directed only on the upper end portion of
mullite block merits attention. Water cooling (Ceram. Abstr.
1955, Oct., p. 1874) is also of interest. 9 figures, 3 references.
B. Z. K.

PM

BILIBINA, N., kandidat ekonomicheskikh nauk; ZYAZEV, V., inzhener;
SEREGIN, V., inzhener.

~~.....~~
The efficient organization of centralized hauling in the region
of Ivanovo Province. Avt.transp.33 no.10:5-7 O '55. (MLRA 9:1)
(Ivanovo Province--Transportation, Automotive)

SEREGIN, V.

Are motorbus trailers needed? Avt. transp. 36 no. 11:14-15 H '58. (MIRA 11:11)
(Motorbus trailers)

SEREGIN, V.

Correction to the calculation of motorbus-transportation cost.
Avt.transp. 37 no.3:47 Mr '59. (MIRA 12:4)
(Motorbus lines--Cost of operation)

KRYLOV, B.; SEREGIN, V.

Solution of the problem of peak hours in urban bus service. Avt.transp.
4 no. 11-13 Ag '62. (MIRA 16:4)

1. Orlovskaya avtotransportnaya kontora i Nauchno-issledovatel'skiy
institut avtomobil'nogo transporta.
(Motorbus lines)

SEREGIN, V., slesar'

Simple device for dismantling the gearbox. Avt.transp.
40 no.12:45 D '62. (MIRA 15:12)

(Tools)

L 44073.06 EWT(d)/EWT(m)/T-2/EWP(l)
ACC NR: AP6028570

SOURCE CODE: UR/0209/66/000/008/0057/0058

B
37

AUTHOR: Seregin, V. (Engineer; Lieutenant colonel)

ORG: none

TITLE: When the target is lower than the fighter aircraft [Fighter approach onto an aerial target]

SOURCE: Aviatsiya i kosmonavtika, no. 8, 1966, 57-58

TOPIC TAGS: air force tactic, air defense tactic, pilot training, flying training, fighter combat training, aerial target

ABSTRACT: In the visual search for an aerial target flying lower than the fighter, the pilot may be assigned a definite zone or corridor within which to maneuver with respect to course and time. The flight is carried out in box formation, the long side of which is laid out perpendicular to the expected flight path of the target. In the target search area, the interceptor maintains a speed 50-100 km/hr greater than that expected of the target. The flight profile is constantly changing, and as a rule it is better to turn while climbing. If at all possible, it is best to attack

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L 44773-66

ACC NR: AP6028570

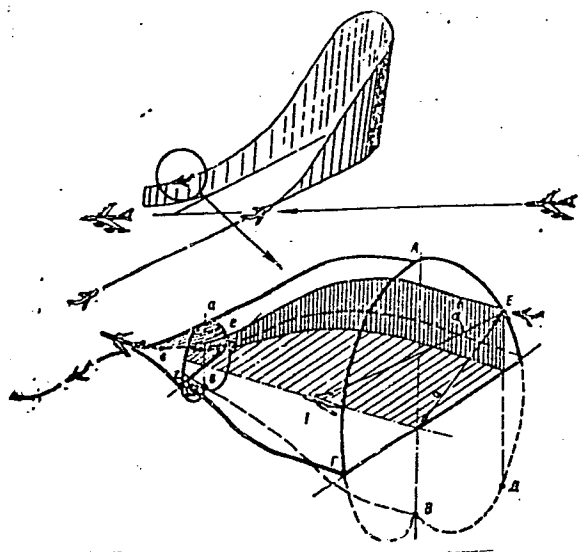


Fig. 1. Initial position for an attack on a bomber

from the flight path. The most advantageous initial attack position is shown in Fig. 1. Orig. art. has: 2 figures. [WS]

SUB CODE: 05, 15/ SUBM DATE: none/ ATD PRESS: 5075

Card 2/2 *esp*

KARASEV, M.F., doktor tekhn.nauk, prof.; KOZLOV, V.N., inzh.; SEREGIN, V.A.,
inzh.; TRUSHKOV, A.M., kand.tekhn.nauk

Evaluation of the degree of sparking of the brushes of electric
traction motors. Elektrotehnika 36 no.6:7-8 Je '65.

(MIRA 18:?)

DANILYUK, V.A.; ZHUKOV, V.N.; PANOV, G.I.; KUTSENKO, G.L.; LUGOVETS,
V.A.; NEKHONOV, N.A.; FORTNYAGIN, A.I.; RECHKIN, L.A.;
SEREGIN, V.P.; SIVTSOV, V.P.; KHOLODNOV, Yu.I.; MEL'NIKOV,
V.V., kand.tekhn.nauk, red.; KOZULIN, B., red.; CHERNIKHOV, Ya.,
tekhn. red.

[Radio amateur's handbook]Spravochnik radioliubitelia. Sverd-
lovsk, Sverdlovskoe knizhnoe izd-vo, 1962. 838 p.
(MIRA 15:8)

(Radio--Handbooks, manuals, etc.)

GALERKIN, Yu.B.; SELEZNEV, K.P.; Primalni uchastiye: SEREGIN, V.S.,
starshiy mekhanik; VOSTROKNOTOVA, I.; student; LIBENSON, M.,
student

Some results of the work of constructing pressure transmitters
with high angular velocity. Trudy LPI no.221:59-71 '62.
(MIRA 15:9)

(Turbomachines)

(Compressors)

GALERKIN, Yu.B., inzh.; SEREGIN, V.S., inzh.

High-speed pressure transmitter. Izv. vys. ucheb. zav.; energ. 6
no.5:125-128 My '63. (MIRA 16:7)

1. Leningradskiy politekhnicheskoy institut imeni M.I.Kalinina.
Predstavlena kafedroy kompressornykh mashin Leningradskogo
politekhnicheskogo instituta.

(Compressors) (Turbomachines)

GALERKIN, Yu.B.; SEREGIN, V.S.; TUCHINA, I.A.

Experimental study of bladeless low-expenditure diffuser
stages of centrifugal compressors. Trudy LPI no.228:79-85
'63. (MIRA 17:1)

SEREGIN, V.V.

Equations of the motion of the Sperry-MK19 gyrocompass. *Izv.vys.ucheb. zav.;prib. 7 no.5:102-107 '64.* (MIRA 17:12)

1. Leningradskiy institut tochnoy mekhaniki i optiki. Rekomendovano kafedroy gidroskopicheskikh i navigatsionnykh priborov.

SEREGIN, Yu.A.

Dispersal of supercooled fogs from the ground by silver iodide
aerosols. Trudy TSAO no.19:68-80 '58. (MIRA 12:2)
(Weather control) (Silver iodide) (Fog)

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PAGE I BOOK EXHIBITION 507/2442

Tentative name aerologicheskaya observatoriya
Trendy, YP, 19 (Transactions of the Central Aerological Observatory, Nr 19)
Moscow, Gidrometeoizdat, 1978, 104 p., 1,000 copies printed.

Sponsoring Agency: Otkrytya upravleniye gidrometeorologicheskoy sluzhby
pri Sovetskom Ministre SSSR.

Ed. (Title page): A. M. Dergun; Ed. (Inside book): L. V. Illinikov;
I. Ya. Zamiatina.

PURPOSE: This collection of articles is intended for meteorologists and aerolo-
gists.

CONTENTS: These articles are studies in the physics of clouds and precipitation
and in the techniques of controlling these phenomena. The papers contain
information on the characteristics of the microprocesses - the water content
of clouds and the properties and processes in the build-up of cumulonimbus
clouds, as studied by radar. Artificial theory for the formation of
of snow crystals is described as is the theory for the formation of
crystalline moist near stratospheric ice cloud nuclei. A chamber for studying the
formation of fog and their optical properties is also described.
There are 29 references: 19 Soviet, 8 English, and 2 French.

TITLE OF CHAPTERS)

Kislovskiy, V. Ya., I. P. Matin, and S. F. Butkovskiy. New Data on the Water Content of Clouds	3
Zak, Yu. G., and A. A. Fedorova. Results of Radar Observations on the Formation and Development of Precipitation in Cumulonimbus [Tornado-like] Clouds	69
Seregin, Yu. A. Dispersion from the Earth of Supercooled Fog by Silver Ions	81
Kryzhanovskiy, L. I. Methods for Computing the Number of Ice Nuclei Forming Under the Action of Cooling Reagents	101
Orlovskiy, T. B., and A. D. Solov'yev. Laboratory Equipment for Analyzing Artificial Fog	105-115

AVAILABLE: Library of Congress

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30/45
105-115

(4)

S E R E T

ACCESSION NR: AT4040006

S/2789/63/000/051/0014/0019

AUTHOR: Gayvoronskiy, I. I.; Krasnovskaya, L. I.; Seregin, Yu. A.; Smirnova, N. V.

TITLE: The problem of the temperature limits of applicability of the method of artificial modification using solid carbon dioxide

SOURCE: Tsentral'naya aerologicheskaya observatoriya. Trudy*, no. 51, 1963, 14-19

TOPIC TAGS: meteorology, weather modification, fog, cloud, fog modification, cloud modification, solid carbon dioxide, ice crystal, cloud seeding, dry ice, supercooled cloud, ice formation

ABSTRACT: Information on the temperature limits of effectiveness of solid carbon dioxide as a reagent for the artificial modification of the phase state of supercooled fogs and clouds is contradictory, as demonstrated a review of the Soviet and western literature on this subject. This article therefore reports on theoretical and experimental investigations to resolve this question. The authors used the theory of homogeneous condensation in saturated vapor to study the generation of ice crystal nuclei at different temperatures. A previously derived formula (L. I. Krutskaya, Trudy TsAO, No. 19, 1958) is cited which gives the rate of formation of nuclei of the new phase at the time of introduction of solid carbon dioxide into a supercooled cloud; this formula was used in computing the quantity of nuclei of the

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ACCESSION NR: AT4040006

new phase formed under different conditions. It is shown that the generation of nuclei of ice crystals in a cold chamber and in the atmosphere changes in conformity to different laws. For example, at a temperature of -4°C the effectiveness of CO_2 in a cold chamber is two orders of magnitude less than at -10°C . In natural clouds, when granules of CO_2 are seeded from an aircraft, the generation of ice crystal nuclei remains quite intense to -1°C . As a result, the production of a large number of ice crystal nuclei in supercooled clouds and fogs is possible down to temperatures of several tens of degrees below zero. However, to obtain the same effect on the microstructure at a higher temperature, it is necessary to have a higher concentration of propagating crystals. At high temperatures the width of the zone forming from one pass of the aircraft will be smaller than at lower temperatures. Various specific experiments and groups of experiments are described in detail. The following were the general conditions: vertical thickness of clouds and fogs - 100 to 1,000 m; air temperature at upper cloud boundary - $+0.5$ to -4.9°C ; temperature at lower boundary - 0 to -8.1°C ; wind velocity in the cloud or fog layer - not in excess of 3 m/sec. The experiments revealed that it is possible to modify (disperse) clouds and fogs at temperatures as low as -2°C . The experiments were made at Alma Ata, Frunze and Dzhambul and made it possible to keep the airports at those cities free of fogs and low clouds. It is noted that further work must be done to determine the influence of wind on artificial modification of fogs and clouds and the modification of clouds and fogs associated with frontal processes.

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ACCESSION NR: AT4040006

Orig. art. has: 9 formulas, 1 figure and 3 tables.

ASSOCIATION: Tsentral'naya aerologicheskaya observatoriya (Central Aerological Observatory)

SUBMITTED: 00

ENCL: 00

SUB CODE: ES

NO REF SOV: 001

OTHER: 002

Card: 3/3

L 12133-66 EWT(1)/FCC GW

ACC NR: AT5028262

SOURCE CODE: UR/2789/65/000/065/0003/0008

AUTHORS: ^{44,55} Gayvoronskiy, I. I.; ^{44,55} Leskov, B. N.; ^{44,55} Seregin, Yu. A. ⁴⁵ ⁴⁵ ^{B1}

ORG: ^{44,55} Central Aerological Observatory (Tsentral'naya aerologicheskaya observatoriya)

TITLE: Experiments in regular application of the methods of artificial dispersion of supercooled clouds and fogs over airports ^{12,4155}

SOURCE: Tsentral'naya aerologicheskaya observatoriya. Trudy, no. 65, 1965. Iskusstvennyye vozdeystviya na oblaka i tumany (Artificial actions on clouds and fogs), 3-8

TOPIC TAGS: atmospheric, atmospheric cloud, cloud seeding, fog, climate control, carbon dioxide

ABSTRACT: Aerial and ground methods for dispersing of low clouds and fogs over airports by means of solid carbon dioxide were studied. The aerial work involved the use of IL-14 airplanes (fitted with a semi-automatic device ADG-1, in which blocks of CO_2 were converted to 0.2-1 cm-granules which were dispensed at 300 to 3000 g/min) and an LI-2 sounding plane (fitted with a URTZ-49 device for converting CO_2 to snow-like flakes which were dispensed automatically at rates of 250 to 1800

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ACC NR: AT5028262

g/min). Ground work was performed with a ZhKU-1 unit transported around the airport by a truck GAZ-69. This unit could employ liquid as well as solid CO_2 . The dispersal was performed successfully in 20 cases attempted in the Alma-Ata region, generally covered by fog during the cold season. Improved flight conditions allowed an additional 87 landings and 179 departures of planes during the test period of January 10-20. Savings from this test amounted to 26 000 rubles. This work was initiated upon the suggestion of academician Ye. K. Fedorov. Orig. art. has: 1 table.

SUB CODE: 04 SUBM DATE: none / SOV REF: 007/

HW
Card 2/2

I-0513-66 ARG/EWT(d)/FBD/EWT(1)/FBO/EWP(c)/FCC/EWP(h)/FCS(k)/ETC(m) WW/GW

ACC NR: AT5028264

SOURCE CODE: UR/2789/65/000/065/0048/0066

AUTHOR: Gayvoronskiy, I. I.; Seregin, Yu. A.

37
34
B+1

ORG: none

TITLE: Introduction of reagents into clouds to modify hail-forming processes

SOURCE: Tsentral'naya aerologicheskaya observatoriya. Trudy, no. 65, 1965.
Iskusstvennyye vozdeystviya na oblaka i tumany (Artificial actions on clouds and fogs),
48-66

TOPIC TAGS: hail formation, weather modification, cloud seeding, Oblako rocket, aerosol

ABSTRACT: The mechanisms of hail formation and the physical factors involved in seeding hail-forming clouds are discussed. Research data indicated the need for developing effective and reliable rockets which could deliver 3-4 kg of reagents and which could disperse the reagents with an effective radius of at least 8-10 km. The "Oblako" antihail rocket, which was designed to meet these requirements, has the following characteristics (see Fig. 1): the rocket can attain a height of more than 8 km and has an effective radius of up to 10 km; there are two types of nose sections, one which can carry as much as 4.5 kg of dry ice (granules ranging from 3 to 30 mm in diameter) and an explosive cartridge containing 3100 g of PbI_2 , the charge ensuring an 8-km flight in which an aerosol is generated with a concentration of about 400 g/km

Card 1/2

L 9543-66

ACC NR: AT5028264

3

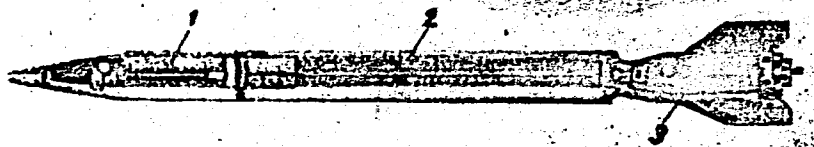


Fig. 1. General (sectional) view of the "Oblako" rocket 13, 4458

- 1 - Head with explosive active smoke cartridge; 2 - motor;
- 3 - parachute compartment.

and an activity of 3×10^{12} ice crystals per gram at a temperature of -10°C and about 10^{12} at -6°C . The length of the flight, the point at which the aerosol is discharged, and the height at which the dry ice is granulated are regulated by remote control. Aimed launchings at angles of $40-85^{\circ}$ in any direction make it possible to seed clouds over an effective radius of up to 10 km. This 125-mm rocket weighs 33 kg and can be launched from trucks. Parachutes are used in landing the rocket. "Oblako" rockets and their launching devices were tested in 1963 at proving ranges and in field tests; they have passed State and industrial tests, demonstrating adequate antihail effectiveness. Experimental results are tabulated in detail in the original article. Orig. art. has: 3 figures and 1 table. [EO]

SUB CODE: ES/ SUBM DATE: none/ ORIG REF: 012/ OTH REF: 004/ ATD PRESS: 4157

Card 212 *gc*

YEROFEYEV, N.P.; NUGMANOV, K.Kh.; AKHMETOV, A.R.; NURKIN, M.T.;
SEREGIN, Yu.N.

Determining the length of reinforced concrete rods and their
distribution network in the Dzhezkazgan mines. Trudy Inst.
gor. dela AN Kazakh. SSR 19:74-81 '65. (MIRA 18:12)

L 13096-66 EWT(1)/EWA(j)/T/EWA(b)-2 JK

ACC NR: AP6006641

SOURCE CODE: UR/0016/65/000/001/0057/0000

AUTHOR: Aleksandrov, N. I.; Gefen, N. Ye.; Dobrovolskiy, K. F.; Yezepchuk, Yu. V.;
Lebedinskiy, V. A.; Mikhaylov, B. Ya.; Rumova, V. F.; Seregina, A. I.; Filippenko, A. I.

ORG: none

33
B

TITLE: Immunogenicity of chemical anthrax vaccine tested in sheep

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 1, 1965, 57-60

TOPIC TAGS: vaccine, immunology, anthrax

ABSTRACT: The authors improved the chemical anthrax vaccine that they had developed several years before. Single as well as double inoculations of sheep produced immunity to infection from 100 Dcl of virulent anthrax bacillae. Further research is needed to determine the minimal immunizing dose for sheep and the duration of the immunity. Orig. art. has: 3 tables. [JPRS]

6,44,56

SUB CODE: 06 / SUBM DATE: 29Jun63 / ORIG REF: 003 / OTH REF: 008

Card 1/1 HW

UDC: 616.981.51-085.372-036.8-092.9

S/058/61/000/011/022/025
A058/A101

AUTHORS: Vasil'yev, Ye. N., Seregina, A. R.

TITLE: Current distributions on thick vibrators

PERIODICAL: Referativnyy zhurnal, Fizika, no. 11, 1961, 299, abstract 11Zh334
("Tr. Mosk. energ. in-ta", 1961, no. 34, 212-224)

TEXT: There are given some calculation details and the results of calculating current distributions on thick vibrators by the method proposed in an earlier work (RZhFiz, 1960, no. 7, 17891). Calculations were carried out for cylinders with radius $kR = 0.3, 0.5$ and 0.9 for generatrix length $kL = 2.8, 5.9$ and 9.2 . The effect of cylinder length and slit width on current distribution was analyzed. Calculations were in good agreement with experiment.

Ye. Vasil'yev

[Abstracter's note: Complete translation]

Card 1/1

VASIL'YEV, Ye.N.; SEREGINA, A.R.; KAMNEV, V.G.

Axisymmetrical excitation of a cone with finite length. Izv.
vys. ucheb. zav.; radiotekh. 7 no.2:243-246 Mr.-Ap '64.
(MIRA 17:8)

VASIL'YEV, Ye.N.; SEREGINA, A.R.; KAMENEV, V.G.

Excitation of an ideally conductive body of rotation with a
sphere on its axis. Radiotekh. i elektron. 9 no.4:581-589
Ap '64. (MIRA 17:7)

VASIL'ZEV, Ye.N.; SEREGINA, A.R.; KAMENEV, V.G.

Excitation of a thick cylinder with conical ends. Radiotekh. i
elektron. 10 no.5:940-942 My '65. (MIRA 18:5)

L 4222-66 EWT(1)/T/FCS(k) WR

ACCESSION NR: AP5010378

UR/0108/65/020/004/0027/0031
621.396

AUTHOR: Vasil'yev, Ye. N. (Active member); Seregina, A. R. (Active member)

31
B

TITLE: Directional patterns of a slot antenna in a finite-length thick cylinder

SOURCE: Radiotekhnika, v. 20, no. 4, 1965, 27-31
25B

TOPIC TAGS: slot antenna, antenna directivity

ABSTRACT: Directional patterns are calculated and plotted of the slot antennas situated in the side and the end of a long (length exceeds 1.5--2 diameters) cylinder. The field within the slot is assumed to be axisymmetrical; the current distribution over the cylinder resembles a traveling wave with decreasing amplitude. The directional patterns for the near-end and center side slots and also for the end slots are plotted for several cylinder radii. "In conclusion, the authors wish to thank G. T. Markov for his perusal of the manuscript and comments and N. A. Yurkova who set up the program on a computer and helped in calculations." Orig. art. has: 7 figures and 4 formulas.

Card 1/2

L 4222-66

ACCESSION NR: AP5010378

ASSOCIATION: Nauchno-tekhnicheskoye obshchestvo radiotekhniki i elektrosvyazi
im. A. S. Popova (Scientific and Technical Society of Radio Engineering and
Electrocommunication)

SUBMITTED: 29Jan64

ENCL: 00

SUB CODE: EC

NO REF SOV: 002

OTHER: 000

Card 2/2 *DP*

SEREGINA, Lidiya Fedorovna; SYROYECHKOVSKAYA, Mariya Nikolayevna;
POPOVA, G.F., red.

[Sun, air and water] Solntse, vozdukh i voda. Moskva, Me-
ditsina, 1965. 77 p. (MIRA 18:10)

SHAPIRO, S.Ye.; LENKINA, M.S.; SAVEL'YEVA, M.A.; SEREGINA, M.M.

Infected chicks as the cause of familial infection with
Schottmüller's paratyphoid B. Zhur.mikrobiol., epid. i immun.
42 no.12:89-92 D '65.

(MIRA 1961)

1. Khabarovskiy meditsinskiy institut i Khabarovskiy institut
epidemiologii i mikrobiologii.

ACC NR: AR6013646

SOURCE CODE: UR/0058/65/000/010/E003/E003

AUTHOR: Yakovlev, V. F.; Seregina, V. I.

TITLE: Transfer phenomena in ideal gases

SOURCE: Ref. zh. Fizika, Abs. 10E16

REF SOURCE: Uch. zap. Mosk. obl. ped. in-ta, v. 147, 1964, 165-173

TOPIC TAGS: ideal gas, heat conductivity

TRANSLATION: Semiphenomenological qualitative considerations are used to make a change in the form of Aiken's expression for the coefficient of heat conductivity of a monoatomic ideal gas.

SUB CODE: 20

Card 1/1

SEREGINA, Yu.A.

Some characteristics of slope formations in the eastern part of the Kuznetsk Alatau from the viewpoint of engineering geology. Vest. Mosk. un. Ser. 4: Geol 18 no.5:57-63 S-0'63.

(MIRA 17:2)

1. Kafedra gruntovedeniya i inzhenernoy geologii Moskovskogo universiteta.

TSYGODA, I.M.; KAZAKOV, V.N.; SEREGIN, Yu.I.; KORNEYEV, V.F.; Primali
uchastiye: PECHENKIN, S.N.; GLAZACHEV, A.M.; TRAVIN, V.F.

Pilot plant testing of the sinter roasting of copper charges
with a bottom blow. TSvet. met. 35 no.3:23-30 Mr '62.
(MIRA 15:4)

(Sintering--Testing) (Copper ores)

CHASHCHIN, M.V., starshiy leytenant; SEREGIN, Yu.V., leytenant

Warning device for radioactive contamination. Vest. protivovozd.
obor. no.11:63 '61. (MIRA 16:10)

(Radioactivity--Instruments)

ALEKSANDROV, N.I.; GEFEN, N.Ye.; DOBROVOL'SKIY, K.F.; YEZEPCHUK, Yu.V.;
LEBEDINSKIY, V.A.; MEKHAYLOV, B.Ya.; RUNOVA, V.F.; SEREGINA, A.I.;
FILIPPENKO, A.I.

Immunogenicity of chemical anthrax vaccine in experiments on sheep.
Zhur. mikrobiol., epid. i immun. 42 no.1:57-60 Ja '65.

(MIRA 18:6)

Osnovy ucheniya E. V. Michurina na urokhakh botaniki / Principles of E. V. Michurina's
teaching in botany lessons / . Moskva, Iskhpedgiz, 1953. 4 p. (Opyt porochnogo uchitelstva).

SO: Monthly List of Luvian Accessions, Vol 7, No 4, July 1954.

~~SECRETIVA, ANNA MIKHAYLOVNA~~

GOLUBEVA, Kaleriya Nikolayevna; ~~SEREGINA, Anna Mikhaylovna~~; TSAL, Yelena Yakovlevna; ~~TARNYAGINA, V.V.~~, redaktor; ~~MAKROSHIN, V.A.~~, tekhnicheskii redaktor

[Cultivated plants and how to grow them; work practices of secondary school teachers] Kul'turnye rasteniia i ikh vyrashchivanie; iz opyta raboty uchitelei srednei shkoly. Leningrad, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenia RSFSR, Leningradskoe otd-nie, 1956. 125 p. (MLRA 10:3)
(Plants, Cultivated)

ALEKSANDROV, I.A.; SHEYNMAN, V.I.; KOGAN, Yu.S.; SHVETS, Ye.M.;
Prinimali uchastiye: VCl'SHANCK, Yu.Z.; LIZUNKOV, V.P.;
SEREGINA, A.P.; KAZAKOVA, L.I.; MUSATOVA, Z.D.

Hydrodynamics of plates made of S-shaped elements. Khim.
i tekh.topl.i masel 6 no.7:38-44 JI '61. (MIRA 14:6)

1. Giproneftemash. (Plate towers)

PETRISHCHEVA, Polina Andreyevna; SKREGINA, L.F., red.; LYUDKOVSKAYA, N.I.,
tekhn.red.

[Dangerous problem solved] Razgadannaia opasnost'. Moskva, Gos.
izd-vo med.lit-ry, 1960. 178 p. (MIRA 13:12)
(PARASITOLOGY) (ANIMALS AS CARRIERS OF DISEASE)

ZOLINA, Zoya Mikhaylovna; SEREGINA, L.F., red.; BUL'DYAYEV, N.A.,
tekhn.red.

[Work and rest schedule for conveyor belt workers] Rezhim
truda i otdykha pri rabote na konveiere. Moskva, Gos.izd-vo
med.lit-ry Medgiz, 1960. 47 p. (MIRA 14:3)
(INDUSTRIAL HYGIENE)

ZIL'BER, Lev Aleksandrovich; SEREGINA, L.F., red.; POGOSKINA, M.V.,
tekh. red.

[The riddle of cancer] Zagadka raka. Moskva, Medgiz, 1960. 45 p.
(MIRA 15:1)

(CANCER)

SEREGINA, L.M. [Ser'ohina, L.M.]

Change in carbohydrate metabolism in rats depending on
various doses of insulin. Ukr. biokhim. zhur. 33 no.4:563-567
'61. (MIRA 15:6)

1. Ukrainian Psychoneurological Research Institute,
Kharkhov.
(INSULIN) (CARBOHYDRATE METABOLISM) (BRAIN)

LOGINOVA, L.G.; GERASIMOVA, N.F.; SEREGINA, L.M.

Requirement in thermotolerant yeasts of supplementary growth factors. Mikrobiologiya 31 no.1:29-34 Ja-F '62. (MIRA 15:3)

1. Institut mikrobiologii AN SSSR, Moskva.
(YEAST) (FERMENTATION)

LOGINOVA, L.G.; KOSMACHEV, A.Ye.; GOLOVACHEVA, R.S.; SEREGINA, L.M.

A study of thermophilic microflora of the Yangau-Tau in the
Southern Urals. Mikrobiologiya 31 no.6:1082-1086 N-D '62.

(MIRA 16:3)

1. Institut mikrobiologii AN SSSR.
(YANGAU-TAU—SOIL MICRO-ORGANISMS)
(BACTERIA, THERMOPHILIC)

STYRIKOVICH, M.A., red.; SEREGINA, N.V., red.; KHAR'KOVSKAYA, L.M.,
tekhn.red.

[Some problems in nuclear power engineering] Nekotorye voprosy
iadernoi energetiki; sbornik statei. Moskva, Izd-vo inostr.
lit-ry, 1959. 347 p. (MIRA 13:10)

1. Chlen-korrespondent AN SSSR (for Styrikovich).
(Nuclear engineering)

KASATKIN, V.V.; SEREGIN, S.S., *ind.*

Work practices of the Office of Technical Information of the
Rybinsk Machinery Manufacturing Plant. NTI no. 2019 '64.

(MIRA 17:6)

1. Nachal'nik byuro tekhnicheskoy informatsii Rybinskogo
mashinostroitel'nogo zavoda (for Kasatkin). 2. Byuro tekhnicheskoy
informatsii Rybinskogo mashinostroitel'nogo zavoda (for
Seregina).

KASATKIN, V.V.; SEREGINA, R.F.

Good deeds of the scientific and technical community. Mashino-
stroitel' no.6:44 Je '64. (MIRA 17:8)

KLEVKH, V.A.; KANTOR, A.S.; LYUDKOVSKAYA, B.G. Primeneniya uzbekiya
SEREGINA, R.P.

Study of nitrophenol pulp compositions by sulfate and sulfuric
acid methods. Zhur. prikl. khim. 37 no.11:2334-2341 N 164
(MIRA 1821)

SEREGINA, T.A.

Investigations of the electrical activity of the cerebral cortex in auditory and motor analysors during synthesis of a conditioned motor defense reflex. Biul. eksp. biol. i med. 41 no.2:7-10 F '56- (MLRA 9:6)

1. Iz laboratorii elektrofiziologii (i.o. zav. kandidat biologicheskikh nauk O.V. Verzilova) Instituta fiziologii (dir. - deystvitel'nyy chlen AMN SSSR prof. V.N. Chernigovskiy) AMN SSSR, Moskva. Predstavlena deystvitel'nyy chlenom AMN SSSR V.N. Chernigovskim)

(REFLEX, CONDITIONED,

motor defense reflex, EEG of auditory & motor cortical areas during prod. (Rus))

(CEREBRAL CORTEX,

auditory & motor areas, EEG during prod. of defense motor conditioned reflex (Rus))

(ELECTROENCEPHALOGRAPHY,

cortical auditory & motor electric activity during prod. of defense motor conditioned reflex (Rus))

S/081/61/000/023/019/061

B117/B147

AUTHORS: Seregina, V. I., Lakovlev, V. P.

TITLE: Thermal conditions of plane laminar flow of a viscous fluid

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1961, 263, abstract 23137 (Uch. zap. Mosk. obl. ped. in-ta, v. 92, 1960, 161-169)

TEXT: In the study of temperature conditions of a plane laminar flow caused by the motion of a plate in fluid, which is thermodynamically stabilized, the authors started from the conceptions on the flows of energy which are the reason of its dissipation. They found that this method allows a more complete description of the stabilized motion than the common hydrodynamic explanation of this process. [Abstracter's note: Complete translation.] ✓

Card 1/1

SEREGINA, Yu.A.

Characteristics of Cambrian sediments from the viewpoint of
engineering geology in the eastern slope of the Kuznetsk
Alatau. Vest. Mosk. un. Ser. 4: Geol. 19 no.1:66-72 Ja-F '64.
(MIRA 18:2)

1. Kafedra gruntovedeniya i inzhenernoy geologii Moskovskogo
universiteta.

SEREI, Rudolf, dr.

Japan's railroads. Kozleked kozl 18 no.12:198-200 Mr '62.

PATLIKOWSKI, Wlodzimierz, dr., egyetemi docens; SEREI, Rudolf, dr.
[translator]

Appraisal of economic advantages resulting from reduced transit
periods concerning the shipment of goods. Kozl tud sz 13 no.10:
456-458 0 '63.

1. Varosi Vasuti Tudomanyos Kutato Intezet osztalyvezetoje.

SEREJSKA, Ewa; ZELIGOWSKA, Janina

Central nervous system complications in Schoenlein-Henoch
syndrome. Pediat. Pol. 39 no.2:175-178 1964

1. Z Kliniki Diagnostyki Chorob Dzieci AM w Warszawie;
kierownik: prof. dr. med. Z. Lejmbach

*1

RAFALSKI, H., Dr; SEREJSKI, J., Dr; SOKOLOWSKA, M., Dr

Social-educational camps as a new form of educational, scientific and medical work in the country. Zdrowie pub., Warsz. no.1:72-80 Jan-Feb 55.

(EDUCATION, MEDICAL,

in Poland, social education camps in country, new form of educ. & soc. work)

(HEALTH, education,

in Poland, rural areas, soc. & educ. camps of med. schools)

SEREJSKI, J.

MARKIEWICZ, K; SZPINAK, J; SEREJSKI, J.

Organization of medical care for young workers. Med.pracy 6 no.2:
69-76 1955.

1. Z Poradni dla Młodocianych Robotników Działu Klinicznego Instytutu Medycyny Pracy w Łodzi. Kierownik: prof.dr W. Markert.

(INDUSTRIAL HYGIENE

in Poland, med.serv. for young workers)

SEREJSKI, J.

Physician's role in young worker's home. Med.pracy 6 no.2:105-110
1955.

1. Z Działu Klinicznego Instytutu Medycyny Pracy w Łodzi. Kierownik
Działu: prof.dr W. Markert.
(INDUSTRIAL HYGIENE
med.care of young workers living in worker's homes)

STASIAK, Lucja; SEREJSKI, Jerzy; OPALKO, Stefan

Studies on the level of acid phosphatases in urine as the index of sexual maturity in boys. Pol. arch. med. wewnet. 32 no.1:89-97 '62.

1. Z I Kliniki Chorob Wewnetrznych AM w Warszawie Kierownik: prof. dr med. A. Biernacki i z Zakladu Higieny Szkolnej AM w Warszawie Kierownik: prof. dr med. M. Kacprzak.

(PHOSPHATASES urine) (PUBERTY)

SEREK, M.

SEREK, M. Retention basins in sewers. p. 61, Vol 5, no. 1, 1956
SOVETSKA VEDA: STAVEBNICTVI
Praha, Czechoslovakia

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL 6 NO 4 APRIL 1957

SEMI, ...

National conference on water supply installations. p. 250.
(VOVA. Vol. 3, no. 9, Sept. 1957, Praha, Czechoslovakia.)

SO: Monthly List of East European Accessions (MEEL) 10, Vol. 6, no. 12, Dec. 1957.
Uncl.

SEREK, Milan, inz., ScC,

Calculation of area water mains. Vodni hosp 13 no.4:129-131 '63.

1. Vysoke uceni technicke, Brno.

SEREK, Milan, inz. CSc.

~~Contribution~~ to the hydraulic calculation of water mains.
Vodohosp cas 12 no. 1:105-116 '64.

1. Chair of Sanitary Engineering, Higher School of Technology, Brno.

SEREK, Milan, inz. CSc.

Calculation of area pipeline networks. Vcdni hosp 14
no. 3:91-93 '64.

1. Higher School of Technology, Brno.

1964, M., doc. inz. 1964.

Calculation of low-pressure gas ring conduits by using automatic digital computers. Bulletin 44 no.8:246-248 Ag '64.

1. Higher School of Technology, Brno.

SEREK, Milan, doc. inz. CSc.

Iterative calculation methods of pipeline networks with flow of compressible substances. Zdravot tech 7 no.5:225-231 '64.

1. Higher School of Technology, Brno.

SEPEK, Milan, doc. inz. CSc.

Fifth Scientific Conference of the Faculty of Building of the
Higher School of Technology in Brno. Vod hosp 15 no.1:38 '65.

SEREK, T.

"Deficiencies of Asbestos-Cement Pipes." p. 243 (Voda, Vol. 33, No. 9, Sept. 1953, Praha)

SO: Monthly List of ^{East European} ~~Russian~~ ^{Accessions,} / ^{Vol. 3, No. 3} Library of Congress, March ¹⁹⁵⁴ ~~1953~~, Uncl.

SEREK, T.

Control of rapid-sand filters. p. 485.

VODNI HOSPODARSTVI. (Ministerstvo energetiky a vodniho hospodarstvi a
Vedecka technicka spolecnost pro vodni hospodarstvi) Praha, Czechoslovakia,
No. 11, Nov. 1959.

Monthly List of East European Accession (EEAI), LC Vol. 9, no. 2, Feb. 1960.

Uncl.

SEREKA, A.; JAKUBEC, I.; KRAL, J.; VRBA, C.

Anesthesia with carbamic acid series preparation. Cas.cesk.lek.
Ved.priloha 63 no.9-12:293-297 Dec 1950. (CJML 20:9)

1. Of the Institute of Pharmaceutical Chemistry of Masaryk
University in Brno and of Institute of Pharmacology of the
Veterinary School in Brno.