

S/149/63/000/001/001/008
A006/A101

AUTHORS: Khan, G. A., Panteleyeva, N. F., Agranat, B. A., Belochkina, Ye. G.,
Yakubovich, I. A. Kirillov, O. D.

TITLE: Experiments of using ultrasonic waves in selection of collective concentrates

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Tsvetnaya metallurgiya,
no. 1, 1963, 25 - 31

TEXT: The experimental investigation was carried out for the purpose of finding new effective means of selecting collective copper-molybdenum concentrates. Among others, the method of eliminating reagent coatings from surfaces of mineral particles in ultrasonic process, were studied. The effect of ultrasonic waves upon selective separation of molybdenite, chalcopyrite, pyrite and quartz was investigated with pure minerals and artificial mineral mixtures. It was found that the breakdown of reagent coatings from the surface of mineral particles was performed in an ultrasonic field above the threshold of cavitation of the liquid phase. The density of the processed pulp has a substantial effect

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Experiments of using ultrasonic waves in...

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upon subsequent flotation behavior of the mineral; the selection of the collective concentrate is improved during the ultrasonic processing of more diluted pulps with not over 10% content of solids; in denser pulps the possibility of breakdown of the reagent coatings from the surface of mineral particles is impaired. The time of ultrasonic processing of the pulp affects the results of breakdown of the reagent coatings from the mineral surfaces; 8 - 10 min is the most efficient time for processing. The breakdown of a fixed collector from the surfaces of pyrite and chalcopyrite in ultrasonic processing proceeds more fully; as a result the extraction of these minerals into a concentrate is reduced. Multi-stage processing of mineral mixtures by ultrasonic waves is not expedient, the process becomes more complex without increase in efficiency. A breakdown of xantogenate coatings without ultrasonic treatment, using merely filtration, was not observed. Filtration after ultrasonic treatment is not always necessary. There are 4 figures.

ASSOCIATION: Moskovskiy institut stali i splavov (Moscow Institute of Steels and Alloys) Kafedra obogashcheniya rud redkikh metallov i kafedra fiziki (Department of Concentration of Rare Metal Ores and the Department of Physics)

SUBMITTED: April 18, 1962
Card 2/2

ACCESSION NR: AT4001238

S/3031/63/000/035/0214/0218

AUTHOR: Agranat, B. A.

TITLE: A method of exposing a solvent to ultrasound

SOURCE: Gosudarstvenny*y institut tsvetny*kh metallo, Sbornik nauchny*kh trudov. Moscow, no. 35, 1963, 214-218

TOPIC TAGS: ultrasonic cleaning, ultrasonic metal cleaning, ultrasonic pickling, ultrasonic metal pickling, ultrasonic degreasing

ABSTRACT: In order to increase the efficiency of ultrasonic energy transfer to a cleaning solution for aluminum wire, an existing magnetostriction converter LZh 3.838.003-D, which is used in the UZM-1,5 ultrasonic apparatus, was modified so that the ultrasound could be introduced into the solvent independently of the magnetostriction stack. To this end, the radiating surface of the stack was wrapped along the perimeter with a polyurethane plastic liner. Considerable advantages are claimed for this method, since the polyurethane introduces small damping and protects the magnetostriction radiator against the action of the solvent; on the other hand,

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bringing the radiator close to the wire made it possible to clean wire moving with sufficiently high speed. Orig. art. has: 5 figures.

ASSOCIATION: Gosudarstvennyy institut tsvetnykh metallov (State Institute of Nonferrous Metals)

SUBMITTED: 00

DATE ACQ: 17Oct63

ENCL: 00

SUB CODE: ML, PH

NO REF SOV: 006

OTHER: 002

Card 2/2

KHAVSKIY, N.M.; YAKUBOVICH, I.A.; AGRANAT, B.A.; KIRELLOV, O.D.; VASIL'YEV,
L.V.

Effect of ultrasonic waves on the process of leaching hard to dis-
solve rare metal compounds. Izv. vys. ucheb. zav.; tsvet. met. 6
no.3:106-109 '63. (MIRA 16:9)

1. Moskovskiy institut stali i splavov, kafedra metallurgii i radio-
aktivnykh metallov i kompleksnoy pererabotki polimetallicheskikh rud.
(Leaching) (Metals, Rare and minor)
(Ultrasonic waves--Industrial applications)

L 10555-66 EWT(l)/EWT(m)/EWA(d)/T/EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(h) MJW/JD
ACC NR: AR5018643 SOURCE CODE: UR/0275/65/000/007/V009/V010

SOURCE: Ref. zh. Elektronika i yeye primeneniye. Svodnyy tom, Abs. 7V73

AUTHOR: Agranat, B. A.; Bashkirov, V. I.; Kitaygorodskiy, Yu. I.

TITLE: Cavitation damage to metals and alloys in ultrasonic fields

CITED SOURCE: Sb. Primeneniye ul'trazvuka v mashinostr. Minsk, Nauka i tekhnika, 1964, 89-93

TOPIC TAGS: ultrasonics, metal test, corrosion resistance, metal surface, fabricated structural metal, ultrasonic field, ultrasonic effect, bronze, metal

TRANSLATION: Metals having higher cavitation and corrosion resistance were investigated as materials for building radiators and entrances in the ultrasonic-etching baths for transformer steel. First, the cavitation resistance in water was determined, and then the best metals were tested in a 20% H₂SO₄ at a pressure of 5 atm, in an enclosed chamber, with an ultrasonic pressure amplitude of 8 atm.

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UDC: 534.29 - 8

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ACC NR: AR5018643

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In the latter case, the process was much intensified due to a higher speed of closing the bubbles during the compression half-cycle, which resulted in speedy destruction of the metals. Corrosion resistance of 50 x 70 x 8 radiators soldered to a magnetostriction packet was tested in a 20% H_2SO_4 , at 60C, with an ultrasonic application of 7 hours a day. The results were: Ta, 16 hours; Ti, 14 hours; Mo, 52 hours. The best results were obtained with the BrAZhMTs-10-3-1,5 bronze (150 hours); this bronze has been selected for producing industrial prototypes of converters having a uniform ultrasonic field and intended for etching work in metallurgical plants.

SUB CODE: 11, 20, 13.

Card 2/2 *pid*

YAKUBOVICH, I.A.; AGRANAT, B.A.; MIRILIOV, O.F.; KHAVSEY, N.N.

Use of ultrasonic waves in nonferrous metal technology. Izv.
vys. ucheb. zav.; tsvet. met. 7 no. 4:23-29 '64 (MIRA 19:1)

1. Moskovskiy institut stali isplavov, kafedra metallurgii
redkikh metallov.

LEYBUSH, A. G.; AGRANAT, B. D.

Effect of the excess of water vapor in the autothermal method
of catalytic conversion of methane under pressure. Khim prom
no. 3:187-193 Mr '64. (MIRA 17:5)

LEYBUSH, A.G.; AGRANAT, B.D.

Calculation of equilibrium in the conversion of methane homologs
and unsaturated hydrocarbons under pressure. Khim. prom. 40
no.11:817-819 N '64 (MIRA 18:2)

LEYBNICH, A.G.; SHORINA, Ye.P.; AGRANAT, B.F.

Using the method of catalytic conversion of butane under low
pressure for the production of hydrogen. Khim.prom. 41 no. 7:500-
505 71 '65. (MIRA 18:8)

✓ New means of protection against corrosion of metallic ship hulls. B. Agranat and I. Suprin. *Morskoi Flot.* No. 3, 21-3 (1950). -- This is a report concerning the results of corrosion tests on 100 different types of protective coatings. The tests were conducted in a laboratory setting. The results show that the most effective protection is provided by a combination of zinc and copper coatings. The report also discusses the importance of regular maintenance and the use of sacrificial anodes.

3
 10/12/50

10/12/50

i. Tsentral'nyy Nauchno-Issledovatel'skiy Institut Morskogo Flota.
 (Hulls (Naval Architecture) Institute)

DRINBERG, A.Ya. [deceased]; GURNVICH, Ye.S.; TIKHOMIROV, A.V. [deceased];
AGRANAT, B.L., red.; ERLIKH, Ye.Ya., tekhn.red.

[Technology of nonmetal coatings] Tekhnologiya nemetallicheskih
pokrytii. Leningrad, Gos. nauchno-tekhn.izd-vo khim. lit-ry,
1957. 588 p. (MIRA 11:4)
(Protective coatings)

AGRANAT, Bentalyan I'vovich,; BERSHTEYN, Vladimir Abramovich,; GUREVICH, Ye.S., spetsred.; KUZNETSOV, A.D., red. izd-va,; KOTLYAKOVA, O.I., tekhn. red.

[New paints and varnishes for ships] Novye lakokrasochnye materialy dlia okraski sudov. Leningrad, Izd-vo "Morskoi transport," 1958. 89 p.
(Ships--Painting)
(Paint)

LYUBIMOV, Boris Vasil'yevich; GUREVICH, Ye.S., kand.tekhn.nauk,
retsensent; AGRANAT, B.L., inzh., red.; VARKOVETSKAYA, A.I.,
red.izd-va; SPERANSKAYA, O.V., tekhn.red.; FRUMKIN, P.S.,
tekhn.red.

[Special varnish-paint coatings used in the machinery industry]
Spetsial'nye lakokrasochnye pokrytiia v mashinostroenii. Moskva,
Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 190 p.
(MIRA 13:1)

(Painting, Industrial)

AGRANAT, B.L.

Intensification of the processes of scouring and etching in an ultrasonic field. Lakokras.mat. i ikh prim. no.1:58-62 '60.

(MIRA 14:4)

(Metals--Finishing)

(Ultrasonic waves--Industrial applications)

AGRANAT, B.L.; ZHOLONDZ', I.A.; KOFMAN, N.I.

Use of new corrosion-preventing coatings resistant to chemicals and
water. Lakokras.mat.i ikh prim. no.3:49-51 '60. (MIRA 14:4)
(Protective coatings)

ЛУБЯКОВ, Б. П. МашТ. Д.Т., инж., рецензент

[Special protective coatings used in machinery manufacture]
Spetsialnyye zashchitnye pokrytiya v mashinostroenii. Me-
skva, Mashinostroenie, 1965. 326 p. (MIRA 18:8)

AGRANAT, G., kand. geograf. nauk

Some trends in the development of river transportation in the United State and the Federal Republic of Germany. Rech. transp. 24 no.8:52-55 '65. (MIRA 18:9)

AGRANAT, G. A.

41954. AGRANAT, G. A.-- Kanadskiy sener. (Ekon--Geogr. Oчерк). Voprosy geografii, sb. 8, 1948, s. 147-73.

SO: Letopis' Zhurnal'nykh Statey, Vol. 47, 1948

1. VYSHNEPOL'SKIY, S. A.; AGRANAT, G. A.
2. USSR (600)
4. Geology and Geography
7. Yearbook of the North, Prof. A. I. Andreyev, V. Yu. Vize, and A. V. Yefimova (editors). S. A. Vyshnepol'skiy and G. A. Agranat (Reviewers). (Moscow-Leningrad, State Cultural Education Press, 1949) Sov. Kniga, No. 11, 1949.

9. FDD Report U-3081, 16 Jan. 1953. Unclassified.

AGRANAT, G. A.

"Greenland," Geografiz, Moscow, 1951. Pod. red. Ya. E. Segal

AGRANAT, G. (A-)

"Northern Canada." Vokrug Sveta, No.8, 1952

AGRANAT, G. A., Ed.

Grenlandiya (Greenland) Sbornik statey. Moskva, Izd-vo Inostrannoy
Lit., 1953.

307 p. illus., maps, tables.

Verso of title-page: Gronlands Bogen, Kobenhavn, 1950

Bibliographical footnotes.

So: IC/4
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AGHANAT, G.A.

Rapacious character of the colonization of the northern part of North
America. Trudy Inst.geog. no.57:66-86 '53. (MIRA 7:1)
(Alaska--Economic conditions) (Canada--Economic conditions)

USSR/Geography - Arctic life

Card 1/1 ; Pub. 86 - 8/46

Authors ; Chernenko, M. B., and Agranat, G. A.

Title ; Expedition of Lieutenant L. A. Zagoskin in Russian America

Periodical ; Priroda, 43/9, 56-62, Sep 1954

Abstract ; A book is discussed which was published by Lieutenant L. A. Zagoskin 107 years ago. In it Zagoskin describes his travels on foot in Alaska. His account covers not only the characteristics and customs of the natives, topography and climate, but also the activities of the white traders in the region. Map; illustration.

Institution :

Submitted :

ZAGOSKIN, Lavrentiy Aleksandrovich, leytenant; CHERNENKO, M.B., redaktor;
AGRANAT, G.A., redaktor; BLOMKVIST, Ye.E., redaktor; VORONTSOVA,
A.N., redaktor; GLENYKH, D.A., tekhnicheskii redaktor.

[Voyages and explorations of Lieutenant Lavrentii Zagoskin in
Russian America during the period of 1842-1844] Puteshestviia i
issledovaniia Leitenanta Lavrentiia Zagoskina v russkoy Amerike
v 1842-1844 gg. Moskva, Gos.izd-vo geogr. lit-ry, 1956. 453 p.
(MIRA 9:5)

(Zagoskin, Lavrentii Alekseevich, 1807-1890) (North America--
Discovery and explorations)

"Spitzbergen During the Last 15 Years." p. 224
"Recent American Publications on Russian America." p. 247
"News in Brief." p. 257

Chronicles of the North; Yearbook of Historical Geography, History of Geographical Discoveries and Exploration of the North) v. 2, Moscow, Geografiz 1957, 279 p. (Akademiya nauk SSSR. Kommissiya po problemam Severa).

Editorial Board: Andreyev, A. I., Belov, M. I., Burkhanov, V. F., Yefimov, A. V. (Resp. Ed.), Chernenko, M. B. (Deputy Resp. Ed.) and Shcherbakov, D. I.; Ed.: Vorontsova, A. I.; Tech. Ed.: Kosheleva, S. M.; Map. Ed.: Mal'chevskiy, G. N.

PURPOSE: The book is intended for readers interested in the Soviet Arctic.

COVERAGE: The present volume, the second of a series of three, is a collection of 27 articles by various authors presenting an historical account of the exploration and economic development of the Soviet North. A small part of the book is devoted to Arctic areas beyond the confines of the Soviet Union. The aim of the book is to contribute to an understanding of the physical geography, cartography, ethnography, and economy of the Soviet North through a historical survey of these factors. A large number of authors, explorers, scientists, travellers, pilots, navigators, etc., are cited.

AGRANAT, G.A.

Spitsbergen during the last 15 years. Let. Sev. 2:224-233 '57.

(MIRA 10:12)

1. Arkticheskiy nauchno-issledovatel'skiy institut Glavsevmorputi.
(Spitsbergen--History)

AGRANAT, Grigoriy Abramovich; SHCHERBAKOV, D.I., akademik, otvetstvennyy red.;
~~KLIAUS, Ye.M., red.; SHEVCHENKO, G.N., tekhn.red.~~

[Our neighbors' northern frontiers; natural conditions, history,
population, and economic status] Zarubezhnyi Sever; ocherki prirody,
istorii, naseleniia i ekonomiki raionov. Moskva, Izd-vo Akad.nauk
SSSR, 1957. 317 p. (MIRA 11:1)

(Arctic regions)

AGRANAT, G.A.

The Labrador of today. Probl.Sev. no.1:244-256 '58.
(MIRA 11:12)

1. Sovet po izucheniyu proizvoditel'nykh sil AN SSSR, Sektor
Severa.

(Labrador--Industries)

AGRANAT, Grigoriy Abramovich, starshiy nauchnyy sotrudnik; SLAVIN, S.V.,
otv.red.; KORMIL'TSEVA, A.A., red.izd-va; NOVICHKOVA, N.D.,
tekhn.red.

[New machinery and the exploitation of the non-Soviet Far North]
Novaya tekhnika i osvoenie Zarubezhnogo Severa. Moskva, Izd-vo
Akad.nauk SSSR, 1960. 124 p. (MIRA 14:2)

1. Sektor prirodnykh resursov i ekonomiki Severa Soveta po izu-
cheniyu proizvoditel'nykh sil pri Prezidiume Akademii nauk SSSR
(for Agranat).

(Arctic regions)

НЕКОНФИДЕНЦИАЛЬНО
SLAVIN, S.V., doktor ekonom.nauk; GRANIK, G.I., kand.ekonom.nauk; KUZAKOV, K.G., kand.ekonom.nauk; MIKHAYLOV, S.V., kand.ekonom.nauk; SHAPALIN, B.F., kand.geograf.nauk; KAMENITSER, L.S., nauchnyy sotrudnik; MOSKVIN, D.D., nauchnyy sotrudnik; TYURDENEV, A.P., nauchnyy sotrudnik; LEDENTSOVA, N.A., inzh.; KOZLOV, B.K., kand.tekhn.nauk, starshiy nauchnyy sotrudnik; BRONSHTEYN, L.B., starshiy nauchnyy sotrudnik; BOVKUN, A.Ye.; VERSHININ, A.A., okhotoved; SERGEYEV, M.A., retsenzent; ~~AGRANAT, G.A.~~, kand.geograf.nauk, red.; PUZANOVA, V.F., kand.geograf.nauk; SHENKMAN, V.I., red.izd-va; BRUZGUE', V.V., tekhn.red.

[Problems in the development of the productive forces of Kamchatka Province] Problemy razvitiia proizvoditel'nykh sil Kamchatskoi oblasti. Moskva, 1960. 420 p. (MIRA 13:7)

1. Akademiya nauk SSSR. Sovet po izucheniyu proizvoditel'nykh sil. Sektor prirodnykh resursov i ekonomiki Severa. 2. Zaveduyushchiy Sektor prirodnykh resursov i ekonomiki Severa Soveta po izucheniyu proizvoditel'nykh sil AN SSSR (for Slavin). 3. Institut energetiki AN SSSR (for Kozlov). 4. Tikhookeanskiy rybnyy institut (TINRO) (for Bronshteyn). 5. Starshiy ekonomist Kamchatskogo oblplana (for Bovkun). 6. Kamchatskoye otdeleniye Vsesoyuznogo nauchno-issledovatel'skogo instituta zhitvnogo syr'ya i pushniny (for Vershinin).
(Kamchatka Province--Economic conditions)

AGRANAT, G. A.

SLAVIN, S.V., doktor ekon. nauk; GRANIK, G.I., kand. ekon. nauk; LOGINOV, V.P.; MIKHAYLOV, S.V.; SHAPALIN, B.F., kand. geogr. nauk; AVAKYAN, M.I., nauchnyy sotr.; ZAKHAROV, G.A., nauchnyy sotr.; KAMENITSER, L.S., nauchnyy sotr.; TITOVA, N.I., nauchnyy sotr.; TYURDENEV, A.P., nauchnyy sotr.; CHUGUNOV, B.I., starshiy nauchnyy sotr.; KOGAN, I.L.; MESHKOVSKAYA, L.V., starshiy inzh.; LUKIN, I.I.; FAYERSHTEYN, R.I.; Primali uchastiye: ~~Magadan~~ ~~SSSR~~, kand. geogr. nauk, red.; PUZANOVA, V.F., kand. geogr. nauk, red.; KUPRIYANOV, A.B., nauchnyy sotr., red.; SOBOLEV, Yu.A., red. izd-va; TIKHOMIROVA, S.G., tekhn. red.

[Problems in developing the productive forces of Magadan Province]
Problemy razvitiia proizvoditel'nykh sil Magadanskoi oblasti. Moskva, Izd-vo Akad. nauk SSSR, 1961. 301 p. (MIRA 15:1)

1. Akademiya nauk SSSR. Sovet po izucheniyu proizvoditel'nykh sil.
2. Glavnyye inzhenera proyekta "Dal'stroyproyekt" (for Kogan, Fayershteyn).
3. Institut ekonomiki Akademii nauk SSSR (for Chugunov).
4. Energoupravleniye Magadanakogo Soveta narodnogo khozyaystva (for Meshkovskaya).
5. Nachal'nik Oblastnogo otdela po delam stroitel'stva i arkhitektury Magadanskoy oblasti (for Lukin).
(Magadan Province--Industries) (Magadan Province--Economic policy)

AGRANAT, G.A., kand. geogr. nauk, nauchnyy sotr.; FUZANOVA, V.F.,
kand. geogr. nauk, nauchnyy sotr.; SLAVIN, S.V., doktor
ekon. nauk, otv. red.; BYKOV, I.K., red. izd-va; YEGOROVA,
N.F., tekhn. red.

[Power resources, agriculture and industries of the American
North] Energetika, sel'skoe i promyslovoe khoziaistvo Ameri-
kansкого Severa. Moskva, Izd-vo Akad. nauk SSSR, 1962. 183 p.
(MIRA 15:11)

1. Komissiya po problemam Severa Soveta po izucheniyu proiz-
voditel'nykh sil Gosudarstvennogo nauchno-ekonomicheskogo
soveta Soveta Ministrov SSSR (for Agranat, Fuzanova)
(North America--Power resources) (North America--Industries)
(North America--Agriculture)

AGRANAT, G.A., kand. geogr. nauk, nauchnyy sotr.; KUPRIYANOV, A.B.,
kand. geogr. nauk, nauchnyy sotr.; PUZANOVA, V.F., kand.
geogr. nauk, nauchnyy sotr.; SLAVIN, S.V., doktor ekonom.
nauk, otv. red.; BYKOV, I.K., red. izd-va; MAKOGONOVA, I.A.,
tekhn. red.; GUSEVA, A.P., tekhn. red.

[Industry and transportation in the American North] Pro-
myshlennost' i transport Amerikanskogo Severa. Moskva, Izd-
vo Akad. nauk SSSR, 1962. 270 p. (MIRA 15:2)

1. Komissiya po problemam Severa Soveta po izucheniyu proiz-
voditel'nykh sil (for Agranat, Kupriyanov, Puzanova)
(Alaska--Industry) (Alaska--Transportation)
(Canada--Industry) (Canada--Transportation)

AGRANAT, G.A.

New documents on the history of Russian America. Let. Sev. 3:
174-175 '62. (MIRA 15:8)

1. Sovet po izucheniyu proizvoditel'nykh sil pri Prezidiume
Akademii nauk SSSR.

(Alaska--History)

AGRANAT, G.A.

First fifty years of American rule in Alaska. Let. Sev. 3:
223-238 '62. (MIRA 15:8)

1. Sovet po izucheniye proizvoditel'nykh sil pri Prezidiume
AN SSSR.

(Alaska--History)

AGRANAT, G.A., nauchnyy sotrudnik; KUPRIYANOV, A.B., nauchnyy sotrudnik;
PUZANCOVA, V.F., nauchnyy sotrudnik

Alaska, the 49th state of the U.S. (from foreign sources). Let.
Sev. 3:257-258 '62. (MIRA 15:8)

1. Sovet po izucheniyu proizvoditel'nykh sil pri Prezidiume
AN SSSR.

(Alaska--History)

AGRANAT, G.A.

Foreign studies on the acclimatization of man in the North.
Probl. Sev. no.6:98-102 '62. (MIRA 16:8)

1. Komissiya po problemam Severa Soveta po izucheniyu
proizvoditel'nykh sil pri Gosudarstvennom sovete SSSR.
(Arctic regions--Acclimatization)

AGRANAT, G.A., nauchn. sotr.; KUPRIYANOV, A.B., nauchn. sotr.;
PUZANOVA, V.F., nauchn. sotr.; SLAVIN, S.V., doktor
ekon. nauk, otv. red.; KORMIL'TSOVA, A.A., red.izd-va;
MAKUNI, Ye.V., tekhn. red.

[Population and resources of the American North] Nasele-
nie i resursy Amerikanskogo Severa. Moskva, Izd-vo AN
SSSR, 1963. 229 p. (MIRA 16:10)
(Canada--Economic geography)
(Alaska--Economic geography)

AGRANAT, G.A.

On the study of developing the new regions of developed capitalist countries. Izv. AN SSSR. Ser. geog. no.3:112-121 My-Je '63.
(MIRA 16:8)

(North America--Economic geography)

AGRANAT, G. A.

"Problemy osvoyeniya zaseleniya novykh rayonov razvitykh kapitalisticheskikh stran (na primere Alyaski i severnom Kanady)."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences, Moscow, 3-10 Aug 64.

AGRANAT, G.A.

Studying, developing and conserving the soils, plant cover and
animal world of the foreign North. Probl. Sev. no.8:297-307 '64.
(MIRA 17:11)

1. Mezhdunarodnaya komissiya po problemam Severa pri gosplane
Soveta po izucheniyu proizvoditel'nykh sil SSSR, Moskva.

AGRANAT, I.

Establishing norms and wages of workers in state trade. Sov. torg.
no.7:29-33 J1 '57. (MLRA 10:9)
(Wages) (Commerce)

AGRANAT, N.N.; VOLAROVICH, M.P.

Calculation of the yield values of disperse systems in experiments with the conic plastometer. Koll. zhur. 19 no.1:3-8 Ja-F '57.

(MLRA 10:4)

1. Moskovskiy torfyanoy institut i Moskovskiy aviatsionnyy institut im. S. Ordzhonikidze, Kafedra fiziki.

(Viscosimetry) (Lubrication and lubricants) (Suspensions)

AGRANAT, N.N.; SHIROKOV, M.F.

Theory of yield value determination of disperse systems by the cone penetrometer method. Koll. zhur. 19 no.1:9-13 Ja-F '57.

(MLRA 10:4)

1. Moskovskiy aviatsionnyy institut im. S. Ordzhonikidze.
(Plasticity) (Suspensions)

AGRANAT, Pavel Abramovich; ZOVOSKIY, Abram L'vovich; TSARENKO, A.P., red.;
VERINA, G.P., tekhn. red.

[Recent developments in the operation of stations and spur lines;
experience of the Vinnitsa Economic Council and the Southwestern
Railroad] Novoe v rabote stantsii i pod"ezdnykh putei; opyt
Vinnitskogo sovmarkhoza i Iugo-Zapadnoi dorogi. Moskva, Gos.
transp. zhel-dor. izd-vo, 1958. 19 p. (MIRA 11:11)
(Railroads--Management)

AGRANAT, P.A.; BORISENOK, D.B.

Over-all mechanization of loading and unloading operations at the Kiev junction. Zhel.dor.transp. 41 no.11:64-68 N '59.
(MIRA 13:2)

1. Zamestitel' nachal'nika gruzovoy sluzhby Yugo-Zapadnoy dorogi, Kiyev (for Agranat). 2. Glavnyy inzhener gruzovoy sluzhby Yugo-Zapadnoy dorogi, Kiyev (for Borisenok)
(Kiev--Railroads--Freight)

AGRANAT, Pavel Abramovich; LUTSKER, Genrikh Davydovich; ORLOV, V.G.,
red.; BOBROVA, Ye.N., tekhn.red.

[Experience in the combined operations of railroad and automobile
transportation] Opyt sovmeatnoi raboty zheleznodorozhnogo i
avtomobil'nogo transporta. Moskva, Vses.izdatel'sko-poligr.
ob"edinenie M-va putei soobshchenia, 1960. 31 p. (MIRA 13:4)
(Transportation, Automotive--Freight)
(Railroads--Freight)

AGRANAT, P.; ALEKSANDROVA, S.; LUTSKER, G.; MAYBORODA, P.

Efficiency of the concentration of loading and unloading operations at key stations. Avt. transp. 42 no.8:32-34 Ag '64. (MIRA 17:10)

1. Gruzovaya sluzhba Yugo-Zapadnoy zheleznoy dorogi (for Agranat). 2. Ukrainskiy dorozhno-transportnyy nauchno-issledovatel'skiy institut (for Aleksandrova, Lutsker, Mayboroda).

AGRANAT, V.F., inzh.; POTAPOV, I.G., inzh.; AKAMOVA, P.I., inzh.

Results of the use of capron wastes for the fabrication of ship fittings.
Sudostroenie 30 no.8:43-47 Ag '64. (MIRA 18:7)

AGRAMAF, V.Z.; OBYEDKOV, N.V.

Significance of the profile scanning method in the diagnosis of malignant tumors of the thyroid gland. Med. rad. 10 no.3:7-21
Apr '65. (MIRA 28:6)

1. Radiologicheskoye otlozheniye (ssv. - kand.med.nauk N.A.Yelkova)
Nauchno-issledovatel'skoye onkologicheskoye instituta imeni Gertsena,
Moskva.

AGRANAT, V.Z.; GAR'YALOVA, S.L.

Radiisotope diagnosis of malignant tumors of the parotid gland.
Med. rad. 10 no.9:3-7 S '65. (MIRA 18x10)

1. Radiologicheskoye otdeleniye (zav. - kand.med.nauk M.A.Volkova)
Gosudarstvennogo onkologicheskogo instituta imeni P.A.Gertsena.
Moskva.

AGRANAT, V.Z.

Some data on the problem of cumulation of polonium (Po^{210}) by aquatic forms of life [with summary in English]. Med.rad.3 no.1:65-69 Ja-F '58.
(POLONIUM, radioactive, (MIRA 11:4)
in water organisms (Rus)
(WATER,
radiopolonium in water organisms (Rus)

AGRANAT, V.Z.

Dynamics of the accumulation and distribution of polonium 210
in tissues of fish. Gig. 1 sm. 23 no.10:73-76 0 '58 (MIRA 11:11)
(POLONIUM, radioactive
distribution & dynamics in fish (Rus))
(FISH,
radiopolonium concentration (Rus))

BELTSKIY, A.S.; KNIZHNIKOV, V.A.; AGRANAT, V.Z.

Disposal and deactivation of solid radioactive wastes. Med. rad.
5 no.11:62-66 N '50. (MIRA 13:12)
(RADIOACTIVE WASTE DISPOSAL)

KRASNOV, M.L., prof.; GRISHINA, V.I.; SIVOSHINSKIY, D.S.; MILOVIDOVA, I.I.;
AGRANAT, V.Z.; GULYAYEVA, E.G.; KOLON TAROV, K.D.

Clinical method of diagnosing intraocular tumors using radioactive phosphorus. Vest.oft. no.3:3-9 My-Je '62. (MIRA 15:8)

1. Kafedra glaznykh bolezney i kafedra meditsinskoj radiologii Tsentral'nogo instituta usovershenstvovaniya vrachej (for Krasnov, Grishina, Sivoshinskiy). 2. Moskovskaya glaznaya klinicheskaya bol'nitsa (for Milovidova). 3. Vsesoyuznyy nauchno-issledovatel'skiy instituta meditsinskogo instrumentariya i oborudovaniya (for Agranat, Gulyayeva, Kolontarov).
(EYE--TUMORS) (PHOSPHORUS--ISOTOPES)

AGRANAT, V.Z.; SHCHITKOV, K.G.

Diagnosis of liver tumors with Au^{198} ; experimental study. Med. rad.
9 no.1:42-47 Ja '64. (MIRA 12:9)

] Radiologicheskoye otdeleniye (zav.-kand.med.nauk M.A.Volkova) i
laboratoriya patologicheskoy fiziologii (zav. - kand.med.nauk I.F.
Tereshchenko) Onkologicheskoye instituta imeni I.I.Gorbacheva
Ministerstva zdravookhraneniya RSFSR, Moskva.

L 01286-66 EFT(l)/EFT(m)/EPF(c)/EWP(j)/T/EWP(t)/EWP(b)/EWA(h) IJP(c)/RPL
JD/NN/GS/AT RM

ACCESSION NR: AT5020453 ^{44,55} UR/0000/64/000/000/0087/0104

AUTHOR: ^{44,55} Krotova, N. A.; ^{44,55} Sokolina, G. A.; ^{44,55} Khrustalev, Yu. A.; ^{44,55} Agranenko, N. P. ⁸⁹
^{44,55} Lomova, N. F.; ^{44,55} Khomutov, A. M. ⁸⁰

TITLE: Change in the surface state of germanium during the formation of an adhesion bond with a polymer ²⁷

SOURCE: ^{44,55} Mezhevuzovskaya nauchno-tekhnicheskaya konferentsiya po fizike poluprovodnikov (poverkhnostnyye i kontaktnyye yavleniya). Tomsk, 1962. ^{44,55} Poverkhnostnyye i kontaktnyye yavleniya v poluprovodnikakh (Surface and contact phenomena in semiconductors). Tomsk, Izd-vo Tomskogo univ., 1964, 87-104

TOPIC TAGS: polymer, ^{44,55} semiconductor research, ^{44,55} protective coating, surface property, crystal surface, lacquer/ LVS-31 lacquer, MBK-1 lacquer ²¹

ABSTRACT: The authors study the effect which the functional groups in a polymer have on the surface state of germanium in connection with the use of organic polymer materials for protecting semiconductor devices from atmospheric action. The field effect method was used for experimentally studying the surface conductivity with the application of a constant field. The slow changes in conductivity with time were

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ACCESSION NR: AT5020453

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recorded. The material studied was *n*-germanium with a resistivity of 40 $\Omega\cdot\text{cm}$ and a diffusion length of 2.5 mm. The specimen was a plate with dimensions of 20 x 5 x 5 mm cut from a single crystal of germanium parallel to plane (111). Ohmic contacts were fused to the ends of the specimen. The sample was etched in a peroxide-alkali mixture. The surface conductivity is shown as a function of time in fig. 1 of the Enclosure. Typical curves for conductivity in the field effect for high resistance *n*-germanium are given in fig. 2 of the Enclosure. These curves may be given as $\Delta\sigma = f(U)$ or as $\Delta\sigma = \phi(Q)$, if Q is the induced charge of a condenser determined from the capacity. Here $\Delta\sigma$ indicates the change in surface conductivity, and U gives the potential. Polymers of the vinyl series were studied with regard to the effect of the nature of functional groups and their concentration in the chain of a copolymer on the shape of $\Delta\sigma = \phi(Q)$ curves plotted from measurements in vacuum. The results are shown in fig. 3 of the Enclosure. Curves are also given for copolymers of methylmethacrylate with methacrylic acid, for a gelatin-germanium interface (where the gelatin has functional radicals NH_2 , OH and COOH) and for polyhydroxyethylene--a polymer which has no functional polar radicals and which has oxygen bound by single bonds in the chains. A comparison of the curves indicates that functional radicals change the position of $\Delta\sigma_{\text{min}}$ noticeably, while polymers without strongly polar groups have little effect on this parameter. Compositions of polymers were studied

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along with individual polymers. It was found that two industrial lacquers, MBK-1 and LVS-31, offer more protection against moisture than do the individual polymers. However, the lacquer films are much thicker than the individual polymer films. It is shown that LVS-31 has a few advantages over MBK-1 as a protective film for semiconductor devices. Orig. art. has: 13 figures, 6 tables.

ASSOCIATION: none

SUBMITTED: 06Oct64

ENCL: 03

SUB CODE: SS, MT

NO REF SOV: 006

OTHER: 005

Card 3/6

L 01286-66

ACCESSION NR: AT5020453

ENCLOSURE: 01

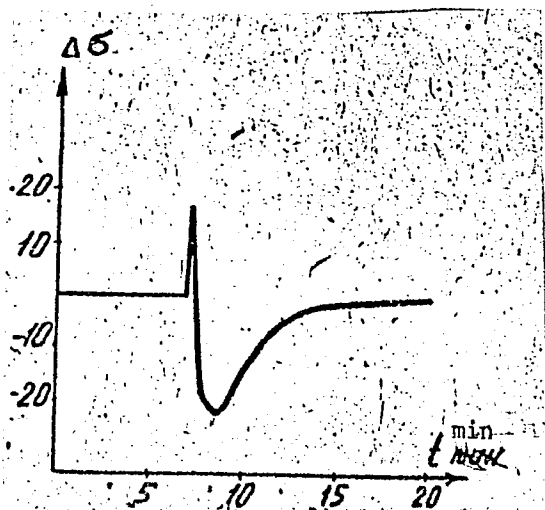


Fig. 1. Change in surface conductivity with time

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ACCESSION NR: AT5020453

ENCLOSURE: 02

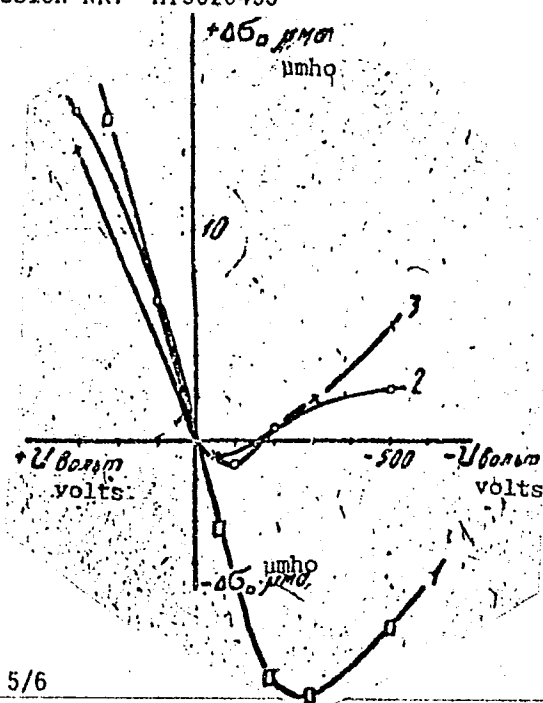


Fig. 2. $\Delta\sigma$ in field effect for high-resistance n-germanium

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ACCESSION NR: AT5020453

ENCLOSURE: 03

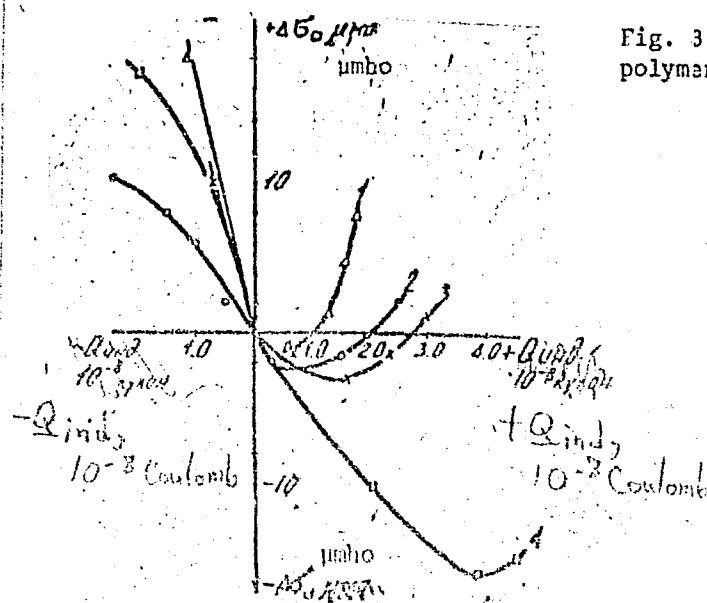


Fig. 3. $\Delta\sigma$ as a function of Q for polymers of the vinyl series

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AGRANENKO, N. P.

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AGRANENKO, N. P., AGRANENKO, S. A., and POKROVAKAYA, L. A. "Proizvodstvo Nitrolakov i Nitroemali (Production of Nitrolacquer and Nitroemal). Moscow-Leningrad: Goskhimizdat, 1948. 136 pp. 4r., 70 kopecks.

GENERAL INDEX

ASB-56A METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS	3RD AND 4TH ORDERS	5TH AND 6TH ORDERS
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1ST AND 2ND EDITIONS PROCESSED AND PROPERTIES NOTED

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AGRANENKO, S.A. 26

Agranenko, N. P., Agranenko, S. A., and Pokrovskaya, L. A.: Proizvodstvo Nitrolakov i Nitroemalей (Production of Nitrolacquer and Nitroemal). Moscow-Leningrad: Goskhimizdat, 1948. 130 pp. 4r., 70 kopecks.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

GROUP	LETTERS	NUMERICAL
1	A	1
2	B	2
3	C	3
4	D	4
5	E	5
6	F	6
7	G	7
8	H	8
9	I	9
10	J	10
11	K	11
12	L	12
13	M	13
14	N	14
15	O	15
16	P	16
17	Q	17
18	R	18
19	S	19
20	T	20
21	U	21
22	V	22
23	W	23
24	X	24
25	Y	25
26	Z	26

AGRANENKO, V.A., kandidat meditsinskikh nauk

Present-day problems in the field of hematology and blood trans-
fusion. Khirurgiia no.3:86-90 Mr '55. (MLRA 8:7)

(BLOOD TRANSFUSION,

in Russia)

(HEMATOLOGY,

in Russia)

AGRANENKO, V. A.

"Present Status of Problems of Blood Substitutes, Therapy of Burns, and Radiation Sickness," Khirurgiya, No.9, 1955

Translation W-31628, 30 Jan 56

EXCERPTA MEDICA Sec 9 Vol 13/2 Surgery Feb 59

867. (315) THE USE OF POLYGLUCIN IN TRAUMATIC SHOCK AND ACUTE BLOOD LOSS (Russian text) - Agranenko V. A. From A. A. Centr. Inst. of Haematol. and Blood Transfusion, Moscow - PROBL. GEMATOL. I PEREL. KROVI 1956, 1/2 (55-56) Illus. 2
Polyglucin has a pronounced and lasting haemodynamic effect in shock following trauma, operations and burns. Rapid injection of up to 1,000 ml. does not cause any side-effects. In traumatic or postoperative shock complicated by heavy blood loss it should be combined with blood transfusion, but the amount of blood given can be considerably reduced. References: 4.

Кругляк - Moscow (S)

USSR/General Problems of Pathology - Tumors. Comparison
Oncology. Human Neoplasms.

U

Abs Jour : Ref Zhur Biol., No 1, 1959, 4242

Author : Shvedskiy, B.P., Agranenko, V.A.

Inst : -

Title : Investigation of the Spleen Intravitaly by the Method of
Puncture in Chronic Myelosis and Its Clinical Significan-
ce.

Orig Pub : Za sots. zdravookhr. Uzbekistana, 1956, No 2, 30-37

Abstract : Results of investigations of 21 patients with chronic
myelosis, treated with ethyl urethane, are reported.
A close relationship of the picture of the spleen punc-
tate with the clinical course and the stage of the pro-
cess was established. The initial stage of myelosis is
characterized by prevalence in the splenogram of inter-
mediate forms of granulocytopenia; erythropoiesis is
somewhat decreased in the liver and in the bone marrow;

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USSR/General Problems of Pathology - Tumors. Comparison
Oncology. Human Neoplasms.

U

Abs Jour : Ref Zhur Biol., No 1, 1959, 4242

the number of thrombocytes is markedly increased. In all the stages of chronic myelosis accompanied with a resistant anemia the hemoglobinization of the erythro- and normoblasts (the erythroblastic reaction) is arrested; lymphopoiesis is absent or significantly reduced. During the stage of acute exacerbation of chronic myelosis, immature neutrophils and little differentiated cells predominate in the splenogram. During the stage of severe exacerbation with a sub-acute course the number of erythro- and normoblasts decreases markedly in the bone marrow and in the spleen. With the onset of remission resulting from urethane therapy the cytogram of the spleen approaches to normal; normalization of the leukocytic formula, and an increase of the number of erythrocytes and of the hemoglobin level is also noted. The changes of the splenogram during urethane therapy

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AGRANENKO, V. A.

"Study of a New Method of a Two-Stage Preparation of Preserved Blood," by V. A. Agranenko, Candidate of Medical Sciences, and L. I. Fedorova, Central Institute of Hematology and Blood Transfusion, Vrachebnoye Delo, No 8, Aug 56, pp 811-816

A method is discussed for mass preparation of preserved blood based on two steps: the preparation of preservatives in sterile appliances outside of the stations for blood transfusion, and the preparation of blood in sterile appliances containing preservatives previously sent to stations for blood transfusion and to therapeutic institutions.

Two different formulas for preservatives are given: solution TsOLIPK No 7 (acid glucose-citrate preservative with sodium sulfacyl and rivanol) and solution No 7-a (acid glucose-citrate preservative with sodium sulfacyl and chloromycetin) -- which is the preferred solution and whose advantage is explained by the substitution of the easily decomposable rivanol with chloromycetin.

A total of 117 blood transfusions applying the new two-stage method of blood prepared in TsOLIPK ampoules which were prepared up to 6 months previously proved that the therapeutic effectiveness of such transfusions does not differ from transfusions of blood that has been stored in freshly prepared preservatives. The method is simple and easy.

Sum 1239

AGRAHEKO, V.A.; BAGDASAROV, A.A., redaktor; GROZDOV, D.M., redaktor

[Transfusion of blood and blood substitutes; an atlas] Perelivanie
krovi i krovozameniteley; atlas, Pod obshchey red. Moskva, Meduch-
posobie, 1957. 181 p. (MLRA 10:7)

(BLOOD--TRANSFUSION)

Polyglucin, a new plasma substitute, and its use in surgery [with summary in English]. Khirurgiia 33 no.7:31-34 J1 '57. (MIRA 10:11)

1. Iz khirurgicheskoy kliniki (zav. - prof. D.M.Grozdov) Tsentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir. - deystvitel'nyy chlen AMN SSSR prof. A.A.Bagdasarov)
(PLASMA SUBSTITUTES, ther. use, polyglucin, in surg.)

AGRANENKO, V.A., kand. med. nauk

Mobile units for the preparation of preserved blood. Voen. med. zhur.
no.3:12-15 Nr '58. (MIRA 12:7)

(BLOOD, PRESERVED

mobile units for prep. (Rus))

(MEDICINE, MILITARY AND NAVAL

mobile units for prep. of preserved blood (Rus))

BAGDASAROV, A.A., prof.; AGRANENKO, V.A., kand.med.nauk

Artificial kidney. Zdorov'e 6 no. 11:10-11 N '60. (MIRA 13:10)

1. Deystvitel'nyy cheln AMN SSSR (for Bagdasarov).
(ARTIFICIAL KIDNEY)

GROZDOV, D.M., prof., AGRAMENKO, V.A., kand.med.nauk

Modern therapy of blood coagulation disorders in surgical diseases
[with summary in English]. Khirurgia 34 no.10:101-108 O '58
(MIRA 11:11)

1. Iz Tsentral'nogo ordena Lenina instituta gematologii i
perelivaniya krovi (dir. - deystvitel'nyy chlen AMN SSSR
prof. A.A. Badgasarov) Ministerstva zdravookhraneniya SSSR.
(ANTICOAGULANTS, ther. use.
in surg. (Rus))
(SURGERY, OPERATIVE,
anticoagulant ther. in surg. patients (Rus))

BAGDASAROV, A.A., prof.; AGRANENKO, V.A., kand.med.nauk

Errors, hazards and complications connected with blood transfusion
and methods of their prevention. Khirurgiia 36 no.9:59-65 S '60.

(MIRA 13:11)

1. In ~~S~~entral'nogo ordena Lenina instituta gematologii i pereli-
vaniya krovi (dir. - deystvitel'nyy ohlen AMN SSSR prof. A.A.
Bagdasarov) Ministerstva zdravookhraneniya SSSR.

(BLOOD--TRANSFUSION)

BAGDASAROV, Andrey Arkad'yevich; AGRANENKO, Viktor Ardatovich;
RAUSHENBAKH, M.A., red.; POGOSKINA, M.V., tekhn. red.

[Blood service] Sluzhba korvi. Moskva, Medgiz, 1961. 178 p.
(MIRA 15:1)

(BLOOD--COLLECTION AND PRESERVATION)
(BLOOD--TRANSFUSION) (BLOOD PLASMA SUBSTITUTES)

AGRANENKO, V. A.; VOROZHISHCHEV, V. V.

Hemodialysis by means of the "artificial kidney" apparatus
without use of a donor's blood. Probl. gemat. i perel. krovi
no.1:3-9 '62. (MIRA 15:7)

1. Iz pochechnogo tsentra (sav. V. A. Agranenko) TSentral'nogo
ordena Lenina instituta gematologii i perelivaniya krovi (dir. -
deystvitel'nyy chlen AMN SSSR prof. A. A. Bagdasarov[deceased])

(ARTIFICIAL KIDNEY)

AGRANENKO, V. A.; VINOGRADOVA, I. L.

Normalization of electrolyte metabolism under the influence of hemodialysis and conservative treatment of acute renal insufficiency. Probl. gemat. i perel. krovi no.4:37-43 '62.
(MIRA 15:4)

1. Iz pochechnogo tsentra (zav. V. A. Agranenko) TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir. - dotsent A. Ye. Kiselev) Ministerstva zdravookhraneniya SSSR.

(RENAL INSUFFICIENCY) (KIDNEYS, ARTIFICIAL)
(ELECTROLYTE METABOLISM)

AGRANENKO, V.A., kand.med.nauk; VOROZHISHCHEV, V.V.

Crush syndrome and its treatment by the method of hemodialysis
using the "artificial kidney" apparatus. Vest.khir. no.5:63-
68 '62. (MIRA 15:11)

1. Iz Pochechnogo tsentra (zav. - V.A. Agranenko) Tsentral'nogo
ordena Lenina instituta gematologii i pereliveniya krovi (dir. -
prof. A.A. Bagdasarov [deceased]). (RENAL INSUFFICIENCY) (KIDNEYS, ARTIFICIAL)
(TRAUMATISM)

AGRANENKO, V.A., kand.med.nauk; SKACHILOVA, N.N., kand.med.nauk

Compound treatment of acute renal insufficiency with the use of hemodialysis (artificial kidney). Sov.med. 25 no.5:10-18 My '62.

(MIRA 15:8)

1. Iz Tsentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (kir. - dotsent A.Ye.Kiselev).

(KIDNEYS--DISEASES) (KIDNEYS, ARTIFICIAL)

AGRANENKO, V.A., kand.med.nauk; SKACHILOVA, N.N., kand.med.nauk;
CHKANIKOVA, Ye.V., kand.med.nauk

Hemodialysis operation ("artificial kidney") in acute renal
insufficiency appearing after the intake of sulfanilamides.
Terap.arkh. 34 no.3:115-119 '62. (MIRA 15:3)

1. Iz pochechnogo tsentra (zav. - kand.med.nauk V.A. Agranenko)
TSentral'nogo instituta gematologii i perelivaniya krovi (dir.
deystvitel'nyy chlen AMN SSSR prof. A.A. Bagdasarov [deceased]).
(SULFANILAMIDES—TOXICOLOGY) (RENAL INSUFFICIENCY)
(KIDNEYS, ARTIFICIAL)

AGRANENKO, V.A.; VINOGRADOVA, I.L.

Dynamics of azotemia under the influence of a hemodialysis procedure in acute renal insufficiency caused by incompatible blood transfusion. Probl. gemat. i perel. krovi no.10:49-55 '62.

(MIRA 17:12)

1. Iz pochechnogo tsentra (zav. V.A. Agranenko) Tsentral'nogo ordena Lenina Instituta gematologii i perelivaniya krovi (direktor - dotsent A.Ye. Kiselev).

AGRANENKO, V.A., kand.med.nauk; LEVITSKAYA, L.A., kand.med.nauk;
KAVESHNIKOVA, B.F.

Heparinization method and blood coagulation control during hemo-
dialysis using the artificial kidney" apparatus. Khirurgiia 38
no.10:51-58 0 '62. (MIRA 15:12)

1. Iz pchechnogo tsentra (zav. V.A. Agranenko) Tsentral'nogo
instituta gematologii i perelivaniya krovi (dir. - dotsent A.Ye.
Kiselev) i Nauchno-issledovatel'skogo instituta eksperimental'noy
khirurgicheskoy apparatury i instrumentov (dir. - dotsent M.G.
Anan'yev).

(ARTIFICIAL KIDNEY) (BLOOD-COAGULATION)
(HEPARIN)

AGRANENKO, V.A.; NEDOSHIVINA, R.V.

Experimental study of acute renal insufficiency following complications during blood transfusion. Pat. fiziol. i eksp. terap. 7 no.1:71-74 Ja-F'63. (MIRA 16:10)

1. Iz pochechnogo tsentra (zav. V.A. Agranenko) Tsentral'nogo instituta gematologii i perelivaniya krovi (dir. - dotsent A.Ye.Kiselev)
(KIDNEYS---DISEASE) (BLOOD---TRANFUSION)

CHAZOV, Ye.I.; ANDREYENKO, G.V.; SPEKTOROVA, Z.G.; RAYEVSKAYA, V.V.;
MOISEYEV, S.G.; BABSKIY, Ye.B.; BREDIKIS, Yu.I.; KUSHKIY, R.O.;
KALITEYEVSKAYA, V.F.; BEREZOV, Ye.; POKROVSKIY, A.V.; MEL'NIK,
I.Z.; AGRANENKO, V.A.; VINOGRADOVA, I.L.; SKACHILOVA, N.N.;
VIKHERT, A.M.; ZAMYSLOVA, K.N., prof.; SOKOLOVSKIY, V.P., prof.;
BEYUL, Ye.A., kand.med.nauk; SOLOV'YEV, V.V.

Minutes of the meetings of the Moscow Society of Theraputists.
Terap.arkh. 35 no.1:112-118 Ja'63. (MIRA 16:9)
(THERAPEUTICS--ABSTRACTS)

SKACHILOVA, N.N.; AGRANENKO, V.A.

Cardiovascular activity during hemodialysis using the artificial kidney. Ter. arkh. 35 no. 7:73-83 J1 '63. (MIRA 17:1)

1. Iz Pochechnogo tsentra (zav. - kand. med. nauk V.A. Agranenko) Tsentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir. A. Ye.Kiselev).

AGRANENKO, V.A., kand. med. nauk; VINOGRADOVA, I.L., kand. med. nauk
(Moskva)

Disorders of water metabolism in acute renal insufficiency.
Klin. med. 41 no.6:85-93 Je '63. (MIRA 17:1)

1. Iz pochechnogo tsentra (zav. - kand. med. nauk V.A.
Agranenko) Tsentral'nogo ordena Lenina instituta gematologii
i perelivaniya krovi (dir. - dotsent A.Ye. Kiselev).

AGRANENKO, V.A., kand. med. nauk; NIKOLAYEVA, M.I.

Exchange transfusion and hemodialysis in the treatment of blood transfusion complications and acute renal insufficiency. Vest. khir. 91 no.8:34-48 Ag'63 (MIRA 17:3)

1. Iz Pochechnogo tsentra (zav. - V.A. Agranenko) Tsentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir.-dotsent A. Ye. Kiselev).

AGRANENKO, V.A. (Moskva)

Problem of replacing the recipient's blood with the blood of the
donor. Probl. gemat. i peral. krovi 8 no.11:59-62 N '63.
(MIRA 17:12)

AGRANENKO, V.A., kand. med. nauk

Treatment of patients with blood transfusion complications by the
means of hemodialysis. Voen.-med.zhur. no.8:29-31 '64. (MIRA 18:5)

AGRANENKO, V.A.; SKACHILOVA, N.N.; VINOKUROVA, G.P.

Functional state of the kidneys in acute renal failure caused by the transfusion of incompatible blood. Probl. gemat. i perel. krovi 9 no.5:31-38 My '64. (MIRA 18:3)

1. Otdeleniye posttransfuzionnykh oslozhneniy i gemodializa (zav. V.A. Agranenko) Tsentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir.- dotsent A.Ye. Kiselev), Moskva.

AGRANENKO, V.A.; LAGUTINA, N.Ya.; NEDOSHEVINA, R.V.

Hemorrhages in transfusion complications and exchange transfusions
of blood. Probl. gemat. i perel. krovi 9 no.5:45-49 My '64.
(MIRA 18:3)

1. Otdeleniye posttransfuzionnykh oslozhneniy i gemodializa
(zav. V.A. Agranenko) Tsentral'nogo ordena Lenina instituta
gematologii i perelivaniya krovi (dir.-dotsent A.Ye. Niselev),
Moskva.

UMNOVA, M.A.; AGRANENKO, V.A.; ICHALOVSKAYA, T.A.; PISKUNOVA, T.M.;
KAVESHNIKOVA, B.F.

Sensitization to Duffy factor (F_y^d) as a cause of blood transfusion
complication with the development of acute renal failure. Probl.
gemat. i perel. krovi 9 no.5:52-55 My '64. (MIRA 18:3)

1. Tsentral'nyy ordena Lenina institut gematologii i perelivaniya
krovi (dir.- dotsent A.Ye. Kiselev), Moskva.

AGRANENKO, V.A.

Bibliography and reviews. Probl. gemat. i perel. krovi 9
no.5:55-57 My '64. (MIRA 18:3)

AGRANENKO, V.A.; NEDOSHIVINA, R.V.; ROZANOVA, N.S. (Moskva)

Experimental research on kidney function in acute renal insufficiency caused by transfusion of incompatible blood. Arkh. pat. 26 no. 3:46-51 '64.
(MIRA 18:12)

1. Pochechnyy tsentr (zav. - kand.med.nauk V.A.Agranenko) i patologo-anatomicheskaya laboratoriya (zav. - prof. N.M.Nemenkova) Tsentral'nogo instituta gematologii i perelivaniya krovi (dir. - dotsent A.Ye.Kiselev) Ministerstva zdravookhraneniya SSSR. Submitted December 27, 1962.