

BOGDANOV, O.I., kand. tekhn. nauk; DANIL'TSEV, V.G., inzh.

Hydrostatic spherical thrust bearings. Elektrotehnika 36 no.8:
~~18-24~~ Ag '65. (MIRA 18:9)

BOGDANOV, O.I., kand. tekhn. nauk, dotsent; DANIL'TSEV, V.G., inzh.

Hydrostatic spherical thrust bearing with a tapering gap. Vest.
mashinost. 45 no.9:29-30 S '65.

(MIRA 18:10)

BOGDANOV, O.I., kand. tekhn. nauk, dotsent; DANIL'TSEV, V.G., aspirant

Design of a hydrostatic spherical thrust bearing with a
central lubricant-supply chamber. Izv. vys. ucheb.zav.;
mashinostr. no. 10:52-55 '65 (MIRA 19:1)

1. Submitted March 11, 1964.

L 26790-64 EWP(k)/EWT(m)/T DJ

ACC NR: AP6017441

SOURCE CODE: UR/0292/65/000/003/0018/0024

AUTHOR: Hogdanov, O. I. (Candidate of technical sciences); Danil'tsev, V. G.
(Engineer)

26
B

ORG: none

TITLE: Hydrostatic spherical thrust bearing

17

SOURCE: Elektrotehnika, no. 8, 1965, 18-24

TOPIC TAGS: antifriction bearing, lubrication

ABSTRACT: Recently hydrostatic sliding bearings are becoming widely used in power machine building. In such bearings the lubricant is introduced into friction gaps under pressure. The pressures are chosen in such a way as to equilibrate the external load by means of a specified thickness of the lubricant. The present article describes the methods for the design of hydrostatic spherical thrust bearings with a central high pressure chamber and annular lubricant supplying chambers. It covers spherical thrust bearings with diffusor gaps, with central lubricant introduction, with constant gap between the pivot and the bearing, and with a confusor gap. Results of the calculations show that in the case of central lubricant-introducing chambers the best thrust bearings are those with a ratio of lubricant supply opening angle to bearing angle of approx. 0.5. In addition, the thrust bearing with a confusor gap exhibits the best characteristics and is easiest to produce. Orig. art. has: 8 figures and 54 formulas. [JPRS]

SUB CODE: 13, 11 / SUBM DATE: none

2

Cards 1/1 CC

UDC: 621.822.2.001.8

L 45621-66 EWT(m)/T WW/DJ
 ACC NR: AT6016855 (N) SOURCE CODE: UR/3189/65/000/001/0096/0101

AUTHOR: Poltavskiy, Yu. D.; Bogdanov, O. I. 47
BT/ ✓

ORG: None

TITLE: A method for calculating the carrying capacity of plain support bearings of finite length 17

SOURCE: Kharkov. Politekhicheskiy institut. Vestnik, no. 1(49), 1965, Mashinostroyeniye, no. 1, 96-101

TOPIC TAGS: journal bearing, finite difference, partial differential equation, *REYNOLDS NUMBER*

ABSTRACT: The authors use the method of finite differences to solve the three-dimensional Reynolds equation in the dimensionless form

$$\frac{\partial}{\partial \varphi} \left(h^3 \frac{\partial p}{\partial \varphi} \right) + \frac{\partial}{\partial z} \left(h^3 \frac{\partial p}{\partial z} \right) = \frac{\partial h}{\partial \varphi}$$

Methods are given for approximating the derivatives in the left member of this equation to any degree of accuracy and for reducing the equation to a form suitable for approximation. A system of finite-difference equations is derived which approximates the given equation in the matrix form and this system is solved by the relaxation

Card 1/2

L 45621-66

ACC NR: AT6016855

method. An expression is derived for estimating the error in the solution. The solution for this equation is basic in calculating the carrying capacity of a plain bearing of given length. Orig. art. has: 23 figures.

SUB CODE: 13/¹² SUBM DATE: None/ ORIG REF: 003/ OTH REF: 003

Card 2/2 mjs

ACC NR: AP7005568

(A)

SOURCE CODE: UR/0145/66/000/011/0059/0064

AUTHOR: Bogdanov, O. I. (Candidate of technical sciences); Ivanov, V. I. (Engineer)

ORG: None

TITLE: Calculation of a flat hydrostatic thrust bearing with central chamber taking account of nonisothermicity due to rotation

SOURCE: IVUZ. Mashinostroyeniye, no. 11, 1966, 59-64

TOPIC TAGS: hydrostatic bearing, fluid ^{flow} mechanics, hydrodynamics, viscous fluid, incompressible fluid, lubricant

ABSTRACT: The authors consider the problem of designing a flat externally pressurized thrust bearing with a central oil feed chamber taking rotational nonisothermicity into account. Energy dissipated through pumping is disregarded. Thus the problem reduces to a special case of the hydrodynamic problem of motion of a viscous fluid in the clearance between bearing and base. It is assumed that flow of the lubricating layer is laminar, that all generated heat is carried away by the oil, that viscosity is independent of pressure and constant with respect to the thickness of the layer, that the lubricant adheres to the base and to the bearing and completely fills the gap between them. Forces of inertia and gravity are disregarded and the lubricant is treated as an incompressible fluid. An expression is derived for the supporting power of a bearing of this type in terms of oil pressure and viscosity, flow parameters and geo-

Card 1/2

UDC: 532.5

ACC NR: AP7005568

metric dimensions. Formulas are also given for the rate of oil flow, the power required for oil pumping, temperature distribution and the moment of friction. The article was presented for publication by Candidate of technical sciences S. K. D'yachenko, Lecturer at the Kharkov Polytechnical Institute. Orig. art.has: 1 figure, 26 formulas.

SUB CODE: 1320, 1// SUBM DATE: 19Oct65

Card 2/2

BOGDANOV, O.P.

28322

O pitanii zmyey nizhnyego tyechyeniya ryeki murgab doklady akad. Nauk. U2SSR, 1949, No. 7,
S. 35-39-- Ryezzyumye Na uzbyek. Yaz.

So: Letopis No. 34

BOGDANOV, O.P.; KOROVIN, Ye.P.

Changes in the water snake (*Natrix tessellata* Laur.) at different age stages. Dokl. AN Uz. SSR no. 8:38-42 '49. (MIRA 6:5)

1. Institut botaniki i zoologii AN Uz. SSR (for Bogdanov).
2. Akademiya Nauk Uzbekskoy SSR (for Korovin). (Water snake)

BOGDANOV, O.P., kandidat biologicheskikh nauk.

The markhor in Baga-Tag. Priroda 41 no.7:112 Jl '53.

(MLRA 6:6)

1. Institut zoologii i parazitologii Akademii nauk Uzbekskoy SSR.
(Baga-Tag--Markhor)

BOGDANOV, O.P.

"Morphology and biology of lizards in the Zeravshan Valley" by M.V.
Kalushina. Reviewed by O.P. Bogdanov. Izv. AN Uz. SSR no.1:148-149
'53. (MIRA 11:3)

(Zeravshan Valley--Lizards)
(Kalushina, M.V.)

BOGDANOV, O.P.

USER/ Biology - Reptiles

Card 1/1 Pub. 86 - 29/36

Authors : Bogdanov, O. P., Cand. of Biol. Sc.

Title : The cobra snake in the Nura-Tau mountains

Periodical : Priroda 2, page 118, Feb 1954

Abstract : The unusual appearance of cobras in the Nura Tau mountains, a section of the Aristan-Bel' -Tau chain, is reported.

Institution : Acad. of Sc., Uzb-SSR, Institute of Geology and Parasitology
Zool.

Submitted :

BOGDANOV, O.P.

Additions to the reptiles fauna of Badkhyz State Preserve. Izv. AN
Turk. SSR no.5:88 '55. (MIRA 9:5)

1. Institut zoologii i parazitologii AN Uzbekskoy SSR.
(Badkhyz State Preserve--Reptiles)

BOGDANOV, O.P., kandidat biologicheskikh nauk.

Reproduction of the lesser turtledove. Priroda 44 nl.12:114-115
D '55. (MLRA 9:1)

1. Institut zoologii i parazitologii Akademii nauk Uzbekskoy SSR.
(Uzbekistan--Pigeons)

BOGDANOV, O. P.

USSR/Biology - Zoology

Card 1/1 Pub. 22 - 47/51

Authors : Bogdanov, O. P.

Title : Selfcontainment of *Alsophylax laevis* species and their distribution in Uzbekistan

Periodical : Dok. AN SSSR 101/5; 959-960, Apr 11, 1955

Abstract : Biological data are presented on the selfcontainment of *Alsophylax laevis* lizards and their existence in Uzbekistan. Two Russian and Soviet references (1905-1934). Drawings.

Institution : Acad. of Sc., Uzb. SSR, Inst. of Zoology and Parasitology

Presented by : Academician Ye. M. Pavlovskiy, December 20, 1954

~~BOGDANOV, O.P.~~; MEKLENBURTSEV, R.N.; ZAKHIDOV, T.Z., akademik; ZHURAVLEV,
B.S., redaktor izdatel'stva; SHERPIL'KOV, A.T., tekhnicheskii
redaktor

[Fauna of the Uzbek S.S.R.] Fauna Uzbekskoi SSR. Tashkent, Izd-vo
Akademii nauk Uzbekskoi SSR. Vol.2. [Birds] Pt.2. 1956. 156 p.
(MLRA 10:3)

1. Akademiya nauk Uzbekskoy SSR. (for Zakhidov)
(Uzbekistan--Birds)

Богданов О.П.

BOGDANOV, O.P.

A few corrections to V.P. Kostin's article on amphibians and reptiles inhabiting the ancient delta of the Amu Darya and Ust-Urt. Trudy Inst. zool. i paraz. AN Uz. SSR no.8:194-195 '56. (MIRA 10:11)
(Ust-Urt--Lizards) (Amu Darya Valley--Lizards)

BOGDANOV, O.P.

Bats of Tajikistan. Dokl. AN Tadzh.SSR no.15:69-75 '56.
(MLRA 9:10)

1. Institut zoologii i parazitologii AN Uzbekskoy SSR.
(Tajikistan--Bats)

BOGDANOV, O.P.

Hibernation of bats in the Zeravshan Valley. Zool.zhur.35 no.7:
1097-1099 JI '56. (MIRA 9:9)

1. Institut zoologii i parazitologii AN Uzbekskoy SSR.
(Zeravshan Valley--Bats)

BOGDANOV, O.P.

Changes in herpetofauna occurring under the influence of irrigation.
Dokl. AN SSSR 108 no.6:1177-1178 Je '56. (MIRA 9:10)

1. Institut zoologii i parazitologii Akademii nauk Uzbekskoy SSR. Predstavlene akademikom Ye.N. Pavlovskim.
(Kara-Su Valley--Reptiles)

BOGDANOV, O.P.

A find of *Psammophis schokari* Forskal (a sand snake) in the U.S.S.R.
Dokl.AN SSSR 111 no.5:1142-1143 D '56. (MLRA 10:2)

1. Institut zoologii i parazitologii Akademii nauk UzSSR.
Predstavleno akademikom Ye.N. Pavlovskim.
(Kopet Dagh--Serpents)

BOGDANOV, O.P.

Materials on the calculation of the number of snakes in the
environs of Iolotan'. Trudy Inst.sool.i paraz.AN Uz.SSR 5:99-105
'56. (MLRA 10:5)

(Iolotan' District--Serpents)

BOGDANOV, O.P.

Materials on the ecology of Agama erythrogastra(Nikolsky). Trudy Inst.
zool. i paraz. AN Turk. SSR 2:145-148 '58. (MIRA 17:2)

USSR/Zooparasitology - Helminths.

G.

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67497
Author : Bogdanov, O.P., Markov, G.S., Fedorov, M.
Inst : Academy of Sciences UzSSR.
Title : A Systematic Review of the Parasitic Worms of Agamous, Anguinous, Skink, and Several Other Central Asian Lizards.
Orig Pub : Izv. AN UzSSR, ser. biol., 1957, No 2, 65-71.
Abstract : In 83 infected lizards of 10 species, 21 species of helminths were discovered. The ecologically similar representatives of different genera of agamous lizards -- the steppe agama and the big-eared round-head -- have the greatest number of parasites in common. The ecologically further distant representatives of one genus -- the steppe and Caucasian agamæ -- had no parasitic worm species in common. In the helminthofauna of agamous lizards adapted

Card 1/2

- 8 -

BOGDANOV, O.P.; DAVLETSHINA, A.G.

Nutrition of the desert lizard *Eremias nikolskii*. Dokl. AN Uz. SSR
no. 11:57-60 '58. (MIRA 11:12)

1. Institut zoologii i parazitologii AN UzSSR. Predstavleno Chlenom-
korrespondentom AN UzSSR V.V. Yakhontovym.
(Lizards)

LABUNETS, N.F.; BOGDANOV, O.P.

Winter species of bat fleas from Uzbekistan [with summary in English]. Zool. zhur. 38 no.2:221-227 F '59. (MIRA 12:3)

1. Stavropol Research Anti-Plague Institute of the Caucasus and Transcaucasia, Ministry of Health of the U.S.S.R. and Institute of Zoology and Parasitology, Academy of Sciences of the Uzbek SSR, Tashkent.

(Tashkent region--Fleas) (Parasites--Bats)

BOGDANOV, O.P.; SULTANOV, G.S., btr.ed.; KURANOVA, L.I., red.; GOR'KOVAYA,
Z.P., tekhn.ed.

[Fauna of the Uzbek S.S.R.] Fauna Uzbekskoi SSR. Tashkent, Izd-vo
Akad.nauk Uzbekskoi SSR. Vol.1. [Amphibians and reptiles] Zemno-
vodnye i presmykaiushchiisia. 1960. 258 p. (MIRA 14:1)
(Uzbekistan--Amphibia) (Uzbekistan--Reptiles)

MARKOV, G.S.; BOGDANOV, O.P.

Helminths and ticks parasitic on snakes in Central Asia. Uzb.biol.
zhur. no.2:35-41 '60. (MIRA 14:5)

1. Stalingradskiy pedinstitut, Institut zoologii i parazitologii,
AN UzSSR.

(CENTRAL ASIA---TICKS)

(CENTRAL ASIA---WORMS, INTESTINAL AND PARASITIC)

(PARASITES---SNAKES)

BOGDANOV, O.P.

Find of the desert lizard *Eremias nigrocellata* Nikol'sky in Turkmenistan.
Uzb. biol. zhur. no.3:70-71 '60. (MIRA 13:7)
(CHARSHANGA DISTRICT---LIZARDS)

BOGDANOV, O.P.

Distribution and ecology of the bat *Myotis longicaudatus* Ognev.
Zool. zhur. 39 no.12:1895-1896 '60. (MIRA 14:1)

1. Institute of Zoology and Parasitology, Academy of Sciences of
the Uzbek S.S.R., Tashkent.
(Samarkand region--Bats)

BOGDANOV, Oleg Pavlovich, kand. biolog. nauk; SULTANOV, G.S., kand. biolog. nauk, otv. red.; TROFIMOV, F.D., red.; YAGONTSEVA, E.V., tekhn. red.

[Animals of Uzbekistan (vertebrates); a textbook for high school teachers] Zhivotnye Uzbekistana (pozvonochnye); posobie dlia uchitelei srednei shkoly. Tashkent, Gos. izd-vo "Sredniaia i vysshaia shkola" UzSSR, 1961. 314 p. (MIRA 15:1)

1. Zaveduyushchiy laboratoriyey ekologii yadovitykh zmey Instituta zoologii i parazitologii AN Uzbekskoy SSR (for Bogdanov).
(Vertebrates)

MARKOV, G.S.; BOGDANOV, O.P.

New species of parasitic protozoans from snakes of Central Asia.
Uzb. biol. zhur. no.3:57-62 '61. (MIRA 14:6)

1. Stalingradskiy pedinstitut i Institut zoologii i parazitologii
AN UzSSR.

(SOVIET CENTRAL ASIA--PTOZOZA, PATHOGENIC)
(PARASITES--SERPENTS)

MARKOV, G.S., doktor biologicheskikh nauk, prof.; BOGDANOV, O.P., kand.
biologicheskikh nauk

Parasites of desert lizards in Central Asia. Uch.zap.Volg.
gos.ped.inst. no.13:101-123 '61. (MIRA 15:12)
(Soviet Central Asia--Parasites--Lizards)

BOGDANOV, O.P.

Distribution of the Himalayan agama in Turkmenistan. Izv. AN Turk.
SSR. Ser. biol. nauk no.2:84-85 '61. (MIRA 14:7)

1. Institut zoologii i parazitologii AN Uzbezkoy SSR.
(KUGITANG-TAU REGION--LIZARDS)

BOGDANOV, O.P., kand.biolog.nauk (Tashkent)

Lizards and snakes inhabiting cities. Priroda 50 no.8:110-111
Ag '61. (MIRA 14:7)
(Soviet Central Asia--Reptiles)

BOGDANOV, O.P.

Autumnal feeding of *Vipera lebetina* (Linnaeus) in Nura-Tau. Zool.
zhur. 41 no.2:293-294 P '62. (MIRA 15:4)

1. Institute of Zoology and Parasitology, Academy of Sciences
of the Uzbek S.S.R., Tashkent.
(Nura-Tau--Snakes)

MARKOV, G.S.; ~~BOGDANOV, O.P.~~

New species of Nematoda found in geckos of Central Asia.
Izv. AN Turk. SSR. Ser. biol. nauk no.1:73-77 '62. (MIRA 15:3)

1. Institut zoologii i parazitologii AN Uzbekskoy SSR i
Volgogradskiy pedagogicheskiy institut.
(NEMATODA)
(PARASITES---GECKOS)

BOGDANOV, O.P.

Occurrence and ecology of the Afghan species of *Lytorkynchus*
ridgewayi Boulenger. Dokl.AN SSSR 145 no.2:430-431 J1 '62.
(MIRA 15:7)

1. Institut zoologii i parazitologii AN UzbSSR. Predstavleno
skademikom Ye.N.Pavlovskim.
(Turkmenistan--Serpents)

BOGDANOV, O.P.

Food of the takyr lizard *Phrynocephalus helioscopus* in
Tajikistan. Trudy Inst. zool. i paraz. AN Tadzh. SSR
22:109-117 '62. (MIRA 15:11)
(Tajikistan--Lizards)

BOEDANOV, O.P., kand.biolog.nauk (Tashkent)

New reserve in Uzbekistan. Priroda 52 no.3:117 '63.

(MIRA 16:4)

(Aral-Paygambar Island--National parks and reserves)

MARKOV, G.S.; BOGDANOV, O.P.

A new species of the genus *Thelandros* from the agaves of the
Himalayas. *Izv. AN Turk.SSR. Ser.biol.nauk* no.2:90-92 '63.

(MIRA 16:5)

1. Volgogradskiy gosudarstvennyy pedagogicheskiy institut i
Institut zoologii i parazitologii AN Uzbekskoy SSR.

(HIMALAYAS—PARASITES—LIZZARDS)

(HIMALAYAS—NEMATODA)

BOGDANOV O.P.

Supplement to the reptile fauna of the Nuratau Mountains.
Uzb. biol. zhur. 7 no.5:82 '63. (MIRA 18:11)

BOGDANOV, O.P. (Tashkent)

Behavior of animals in a flooded desert. Priroda 53 no.5:
126 '64. (MIRA 17:5)

BOGDANOV, O.P.; LESNYAK, A.P.

Interesting colony of bats in Uzun-Agach of Alma-Ata Province.
Uzb. biol. zhur. 8 no.6:67-68 '64. (MIRA 18:3)

1. Institut zoologii i parazitologii AN UzSSR.

BOGDANOV, O.P., kand. biol. nauk, otv. red.; SPEKTOR, L.Ye.,
red.; KVIATKOVSKAYA, V.V., red.

[Ecology and economic significance of vertebrates in
southern Uzbekistan (the Surkhandar'ya basin)] Ekologiya
i khoziaistvennoe znachenie pozvonochnykh zivotnykh iuga
Uzbekistana (bassein Surkhandar'i). Tashkent, Nauka UzSSR,
1964. 157 p. (MIRA 18:12)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Institut zoologii
i parazitologii.

BOGDANOV, O.P.

A conference on herpetology. Uzb. biol. zhur. 9 no.4:73-74 '65.
(MIRA 18:10)

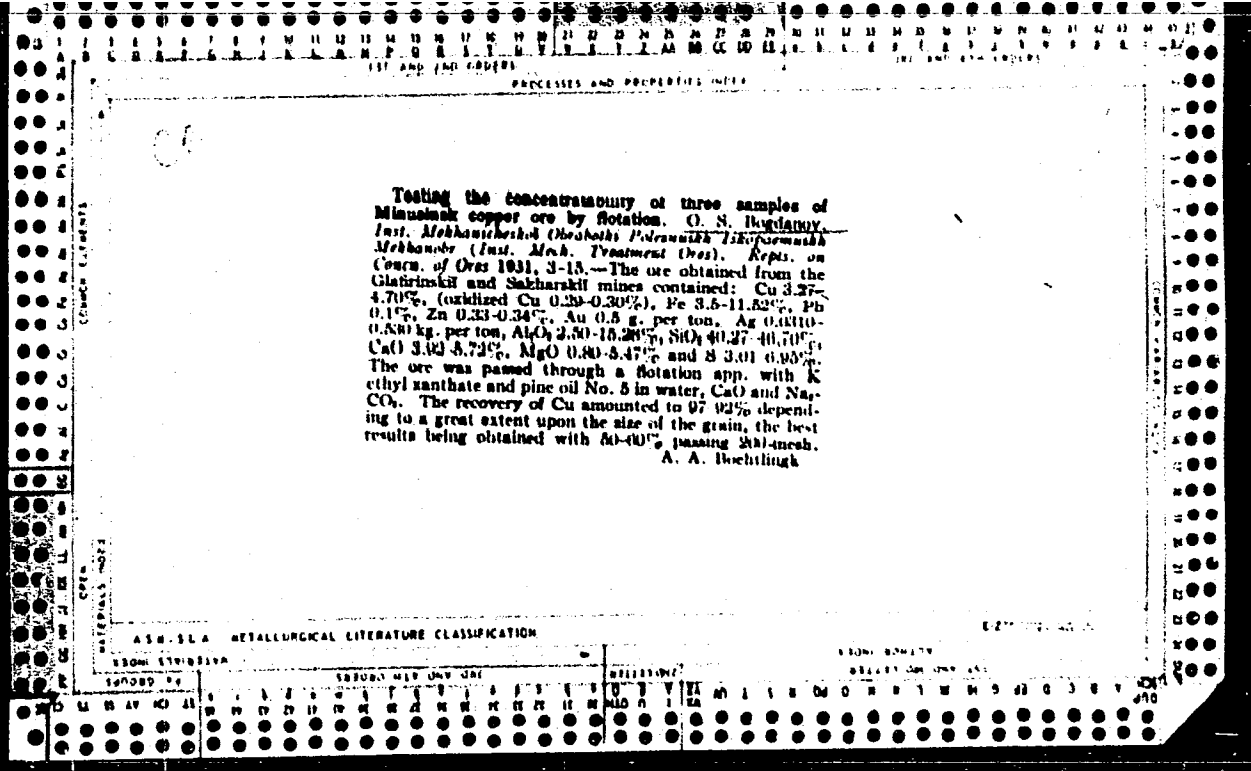
1. Institut zoologii i parazitologii AN UzSSR.

BOGDANOV, O.P.; ZINYAKOVA, M.P.

Diurnal activity of *Vipera lebetina turanica* of the Nuratau
Mountains. Zool. zhur. 44 no.11:1733-1734 '65.

(MIRA 18:12)

1. Institut zoologii i parazitologii AN UzSSR, Tashkent.



7

CA

Selective flotation of copper-zinc ores at the Krasnoyarsk ore-dressing plant, O. S. Bogdanov, K. K. Zakhvatkin and D. A. Nikol'skii. *Gorn.-Obogat.*, Zhur. No. 9-10, 3-8(1937). — The ore contains 4% Cu, 0.7% Zn, also Au and pyrite. By selective flotation Cu and Zn concentrates contg. 12% Cu and 43% Zn, resp., were obtained. Rate of Cu was 83-84%, Zn extd. was 60%. In addn., 0.05% Cu was extd. in Zn concentrate. Of the Au, 30% was extd. in Cu concentrate. B. Z. K.

430-55A METALLURGICAL LABORATORY CLASSIFICATION

GROUP	CLASSIFICATION	DESCRIPTION
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BOGDANOV, O.S.; FILANOVSKIY, M. SH.

Laboratory of Physical and Chemical Research on the Flotation Process,
Leningrad Institute Scientific Research Institute for the Mechanical Processing
of Minerals, (-1939-).

"The Problem of Attaching Mineral Particles to Air Bubbles."

Zhur. Fiz. Khim., Vol. 14, No. 2, 1940.

BOGDANOV, O. S.

USSR/Flotation
Bubbles, Air
Mar/Apr 1947
"Determining the Size of Air Bubbles in the Pulp of
Flotation Machines," O. S. Bogdanov, Mekhanobr, 2 1/2 pp
"Isvetnye Metally" No 2
Discussion of an apparatus used by Mekhanobr in the
Kirovgrad concentration plant for determining the size
of bubbles and their occurrence, as well as the degree
of mineralization. The apparatus uses photography in
this process.
28755

BOGDANOV, O. S., KIZELVAL'TER, B. V., and MASLOVA, S. G.

BOGDANOV, O. S., KIZELVAL'TER, B. V., and MASLOVA, S. G. "On the effect of frothing agents on the rate of rise of air bubbles in flotation pulp", Nauch.-inform. byulleten' (Vsesoyuz. nauch.-issled. i proyekt. in-t mekhan. obrabotki poleznykh iskopayemykh), 1948, No. 2, p. 14-18.

SO: U-4393, 19 August 53, (Letopis 'Zhurnal 'nykh Statey', No. 22, 1949).

BOGDANOV, O. S.

158742

USSR/Eng'neering - Ore Dressing
Flotation

Mar 50

"The Effect of the Frothing Agent on the Air
Content in Flotation Pulp," O. S. Bogdanov,
B. V. Kizeval'ter, S. G. Maslova, Sci Res Inst of
Mech Treatment of Ores, 5½ pp

"Iz Ak Nauk SSSR. Otdel Tekh Nauk" No 3

Describes experiments on subject and concludes
frothing agent has definite influence on mag-
nitude of air concentration in pulp by decreas-
ing floating speed of bubbles and preventing
their coalescence.

158742

BOGDANOV, O. S.

BOGDANOV, O.S.; KIZNEVAL'TER, B.V.; KHAYMAN, V.Ya.

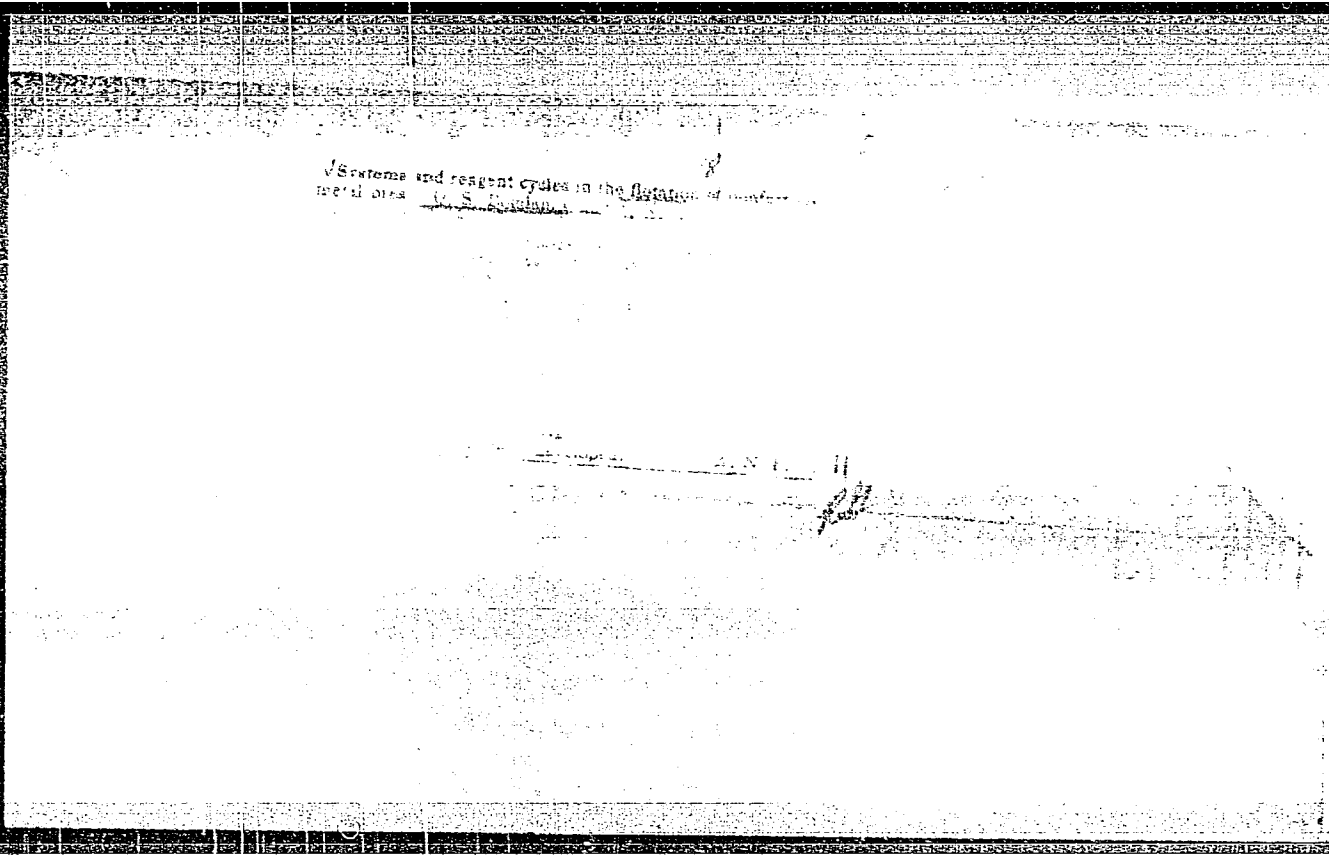
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Flotation rate equations. TSvet.met. 27 no.4:6-10 J1-Ag '54. (MIRA 10:10)

1. Nauchno-issledovatel'skiy institut mekhanicheskoy obrabotki
pol'nykh iskopayemykh.
(Flotation)

BOGDANOV, G.S., doktor tekhnicheskikh nauk, professor, redaktor; BRAND, V.Yu., kandidat tekhnicheskikh nauk; redaktor; DERKACH, V.G., kandidat tekhnicheskikh nauk, redaktor; DOLIVO-L'OBROVOL'SKIY, V.V., doktor tekhnicheskikh nauk, redaktor; ZAKHVATFIN, V.K., redaktor; KACHAN, I.N., kandidat tekhnicheskikh nauk, redaktor; OLEVSKIY, V.A., kandidat tekhnicheskikh nauk, redaktor; LOKONOV, M.F., kandidat tekhnicheskikh nauk, redaktor; PARFENOV, A.M., kandidat tekhnicheskikh nauk, redaktor; PODNEK, A.K., redaktor; POLIVANOV, K.Yu., redaktor; FINKEL'SHTAYN, G.I., kandidat tekhnicheskikh nauk, redaktor; FOMIN, Ya.I., kandidat tekhnicheskikh nauk, redaktor; SHINYAKOV, M.I., redaktor; YUDENICH, G.I., doktor tekhnicheskikh nauk, redaktor; BYKOV, G.P., redaktor; YEZDOKOVA, M.L., redaktor izdatel'stva; EVENSON, I.M., tekhnicheskii redaktor

[Proceedings of the Third Scientific Session of the Institute of Mechanical Processing of Economic Minerals] Trudy III nauchno-tekhnicheskoi sessii instituta Mekhanobr. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1955.
758 p. (MLBA 10:8)

1. Leningrad. Nauchno-issledovatel'skiy i proyektnyy institut mekhanicheskoy obrabotki poleznykh iskopayemykh
(Ore dressing) (Flotation)



BOGDANOV, O.S., doktor tekhn.nauk prof.

Results achieved and directions in which further studies will be
conducted on the theory of flotation. [Trudy] Mekhanobr no.96:5-52
155. (MIRA 11:9)

(Flotation)

BOGDANOV, O. S.

"Theoretische Untersuchungen des Flotationsprozesses."

paper presented at the 7th Mining and Metalworkers Day meeting,
Bergakademie, Freiberg, 23-26 May 1956.

Dr. Tech. Sci. , Dir. "Mekhanobr" Inst, Leningrad.

ALEKSEYEV, I.N.; BOGDANOV, O.S.; BYKOV, G.P.; GROSMAH, L.I.;
DOLIVO-DOBROVOL'SKIY, V.V.; DERKACH, V.G.

Grigorii Ivanovich IUDenich; obituary. Gor.shur. no.6:53 Je '56.

(IUDenich, Grigorii Ivanovich, died 1956) (MIRA 9:8)

BOGDANOV, O.S.; KIZNEVAL'TER, B.V.; KHAYMAN, V.Ya.

About the article "Kinetic equations of the flotation process".
TSvet.met.29 no.6:83 Je '56. (MIRA 9:9)
(Flotation)

BOGDANOV, O. S., KHAYNMAN, V. Y., PODNEK, A. K., and YANIS, N. A.

"Investigation of the Action of Modifying Agents in Flotation,"
a paper presented at the International Mineral Dressing Congress, 18-21
Sep 54, Stockholm

SO: C-3,800,349

BOGDANOV O S.

BOGDANOV, O. S., KHAYNMAN, B. Y., YANIS, N. A. and PODNEK, A. K. (Moscow)

"Study of the Flotation Process with Radioisotope Tracer Techniques."

paper presented at the Intl. Conference on Radioisotopes in Scientific Research
in Paris, 19-20 Sept 1957.

Angewandte Chemie, No. 3, 1958.

SOV/137-58-10-20395

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 10, p 6 (USSR)

AUTHOR: Bogdanov, O. S., Podnek, A. K., Khaynman, V. Ya., Yanis, N. A.

TITLE: Studies by the Mekhanobr Institute in the Field of Flotation Theory
(Raboty instituta Mekhanobr v oblasti teorii flotatsii)

PERIODICAL: Obogashcheniye rud, 1957, Nr 5, pp 25-28

ABSTRACT: A brief examination is made of the major studies conducted at the Mekhanobr Institute in the field of study of the physical and mechanical foundations of flotation and the reaction between flotation reagents and minerals.

M. M.

1. Ores--Flotation
2. Flotation--Theory
3. Reagents--Chemical reaction
4. Minerals--Chemical reactions

Card 1/1

SOV/137-58-8-16271

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 8, p 5 (USSR)

AUTHORS: Bogdanov, O.S., Vlodayvskiy, I.Kh.

TITLE: Complex Concentration of the Apatite-and-nepheline Ore of the Khibiny Occurrence (O kompleksnom obogashchenii apatitofnefelinovoy rudy Khibinskogo mestorozhdeniya)

PERIODICAL: [Tr.] Vses. n.-i. i proyekt. in-ta mekhan. obrabotki poleznykh iskopayemykh, 1957, Nr 102, pp 210-221

ABSTRACT: The apatite-and-nepheline ore of this occurrence consists primarily of apatite, nepheline and, in smaller quantities, aegirite, titanomagnetite, and others. A flotation process for obtaining apatite concentrate, with oleic acid and water glass as the collectors was developed. Another flotation procedure was developed to obtain nepheline concentrate. Oleic acid and peat pitch in combination serve as the collector for flotation of aegirite and the titanium minerals. Tests of a process involving bulk concentration of the Ti minerals and aegirite were run with the purpose of developing a procedure for the complex concentration of apatite-and-nepheline ore. Sulfate soap from the Seget plant is used as the collector. 47% of the 0.074 mm

Card 1/2

SOV/137-58-8-16271

Complex Concentration of the Apatite-and-nepheline Ore (cont.)

undersize took grinding. Optimum alkalinity for the flotation of aegirite and the Ti minerals is appx. 10.5 pH. The use of 100-150 g NaOH per ton makes it possible to reduce the consumption of collector. Thus, in the flotation of tailings of apatite flotation, a nepheline concentrate may be separated from the cell product, with ~ 76% recovery. Under these conditions, the Ti and Fe are extracted for the most part in the bulk concentrate and in the apatite product, which also served to separate the Ti minerals and the aegirite. For more complete separation of alumina and P from these products, the froth products were recleaned once again. A flowsheet for the flotation of the Ti minerals, with the points at which reagents are added and the consumption thereof, is presented.

A.Sh.

1. Nephelinite ores--Processing
2. Apatite ores--Processing
3. Minerals--Flotation

Card 2/2

BOGDANOV, O. S.

O. S. Bogdanov, A. K. Podnek and V. Ya. Khaynman (Mekhanobr)

"The kinetics of the action of flotation reagents"

report presented at the 4th Scientific and Technical Session of the Mekhanobr
Inst, Leningrad, 15-18 July 1958

BOGDANOV, G. S.

SOV/1728

FRASE I BOOK EXPLOITATION

18(0)
 Издательство металургий СССР, Институт металлургии
 Советского Проблемы металлургии (Modern Problems in Metallurgy)
 Moscow, 1968-69 AS USSR, 1958. 640 p. 5,000 copies printed.
 Repp. Ed. A. M. Samarin, Corresponding Member, USSR Academy of
 Sciences; Eds. of Publishing House: V. S. Ishvarnikov, and
 A. N. Bernov; Tech. Ed.: T. V. Polyakova.

PURPOSE: This book is intended for scientists and technical per-
 sonnel in the field of metallurgy.

COVERAGES: This is a collection of articles on certain aspects of
 Soviet metallurgy. The book is dedicated to Academician
 Ivan Pavlovich Bardin on the occasion of his 75th birthday. The
 book is divided into seven parts. The first part consists of
 two articles presenting a brief account of the biography and
 professional activity of the Soviet metallurgist. It includes an
 article by John Chipman, Nicholas Grant, and Jean Elliott (W. Pitt-
 Rivers Institute, Cambridge, England) describing their meeting with Bardin in Moscow and also his
 visit to the United States. The second part consists of seven
 articles and deals with raw materials and fuels for the Soviet
 metallurgical industry. The third part represents the major
 portion of the book. It consists of 25 articles dealing with
 the various aspects of the metallurgy of pig iron and steel.
 The fourth part consists of two articles dealing with the metallur-
 gical aspects of the ferrous metals. The fifth part consists of three
 articles on the forming of metals. The sixth part consists of eight
 articles dealing with certain aspects of physical metal-
 lurgy. The last part deals with general problems in the field
 of metallurgy. References are given after each article. No
 preambles are mentioned.

TABLE OF CONTENTS:

SOURCES OF RAW MATERIALS AND FUELS FOR THE
 USSR METALLURGICAL INDUSTRY

Antropov, P. Ya. [Minister for Geology and Conservation of Mineral
 Resources of the USSR]. Increase in Available Reserves of
 Iron Ore and Manganese for USSR Ferrous Metallurgy 37

Bogdanov, G. S. [Professor, Doctor of Technical Sciences],
 M. M. Zimpiro, and Ye. V. Danilova [Candidates of Technical
 Sciences, Scientific Research Institute for Mechanical
 Concentration of Minerals]. New Trends in the Dressing
 of Ferrous and Nonferrous Metal Ores 36

Bapostnikov, L. N. [Corresponding Member, AS USSR, Institute
 of Mineral Fuels, AS USSR]. Principles of Continuous Coking 53

Card 3/12

SOV/136-59-3-4/21

AUTHORS: Bogdanov, O.S., Professor, Podnek, A.K., Candidate of Technical Sciences and Khaynman, V.Ya., Engineer

TITLE: The Kinetics of the Absorption of Flotation Reagents by Minerals (Kinetika pogloshcheniya flotatsionnykh reagentov mineralami)

PERIODICAL: Tsvetnyye Metally, 1959, Nr 3, pp 12 - 18 (USSR)

ABSTRACT: The authors note the scarcity until recently of research on the kinetics of flotation-reagent absorption. They refer to the work at Gintsvetmet, directed by S.I. Mitrofanov (Ref 1) in this field, which led to equations by which their own results could be represented. Figure 1 shows the linear isotherms of the logarithm of absorption against the logarithm of time for xanthate consumptions of 1 000 and 50 g/ton. The authors consider first the rate of exchange of ions of the same and of different valencies when the amount of sorption is negligible. The use of an adsorption column (Figure 2) enables reagent-absorption to be measured in 2-3 sec and greatly reduces the influence of ions displaced from the mineral surface on subsequent sorption. Integrating the rates of sorption deduced for infinitesimal layers the

Card1/3

SOV/136-59-3-4/21

The Kinetics of the Absorption of Flotation Reagents by Minerals

authors obtain an expression for that in the whole column, showing that for equi-valent ion exchange the rate is proportional to the initial concentration of the solution, i.e. the proportion of the reagent absorbed in the mineral does not depend on the initial concentration. They go on to consider the exchange of ions of different valencies. Their experiments on the sorption of xanthate by galenite showed (Figures 3,4) contrary to their equation, that the relation between sorption and initial concentration is almost linear. This could be due to only one ion of xanthate being linked with one lead ion in the galenite crystal lattice, a type of sorption which has been shown (Ref 2) to be possible. They conclude that possibly experimental data on the absorption kinetics do not always reflect the mechanism of sorption (when the controlling factor is the diffusion of the reagent through the water envelope to the mineral surface). The other broad case considered is when the action of the reagent produces a multiple layer on the mineral surface. Here, the rate-controlling process is the diffusion of the reactants

Card2/3

SOV/136-59-3-4/21

The Kinetics of the Absorption of Flotation Reagents by Minerals

through the layer of reaction products and the authors deduce equations which represent their experimental results (Figure 5). In these experiments a weighed portion of galenite was stirred with xanthate solution at a solid:liquid ratio of 1:4.

There are 5 figures and 3 references, 2 of which are Soviet and 1 English.

Card 3/3

BOGDANOV, O.S.; SHAPIROV, R.B.

Basic processes and flowsheets of iron ore dressing. Trudy Mekhanobr.
no. 122:33-53 '59. (MIRA 14:4)
(Ore dressing) (Iron ores)

BOGDANOV, O.S.; MIKHAYLOVA, N.S.; PODNEK, A.K.; KHAYNMAN, V.Ya.

Methods of investigating the sorption of flotation reagents
by mineral mixtures. Obog. rud 4 no.5:3-5 '59. (MIRA 14:8)
(Flotation--Equipment and supplies)
(Sorption)

BOGDANOV, O.S. (Prof.); PODNEK, A.K.; CHAYNMAN, V.Ya.; and MIKHAYLOVA, N.S.

" Kinetics of Flotation Reagent Sorption."

report to be presented at the Intl. Mineral Processing Congress, London, England, 6-9 Apr 60.
All-Union Scientific Research Institute for Mechanical Processing of Minerals. Leningrad. For
BOGDANOV, O.S.

BOGDANOV, O.S. prof.; FOMIN, Ya.I.

Present status and further expansion of the dressing of Chiatura
and Nikopol' manganese ores. Obog. rud 6 no.4:3-8 '61.

(MIRA 15:1)

(Nikopol' region (Dnepropetrovsk Province)--Manganese ores)
(Chiatura region--Manganese ores) (Ore dressing)

BOGDANOV, O.S., doktor tekhn. nauk, prof., otv. red.; BRAND, V.Yu.,
kand. tekhn. nauk, red.; DERKACH, V.G., doktor tekhn. nauk,
red.; ZAKHVATKIN, V.K., red.; OLEVSKIY, V.A., kand. tekhn.
nauk, red.; LOKONOV, M.F., kand. tekhn. nauk, red.; PODNEK,
A.K., kand. tekhn. nauk, red.; TUSEYEV, A.A., red.;
FINKEL'SHTEYN, G.A., kand. tekhn. nauk, red.; FOMIN, Ya.I.,
kand. tekhn. nauk, red.; CHERNOBROV, S.M., kand. tekhn. nauk,
red.; KUTUZOVA, L.M., red.

[Transactions of the Fourth Scientific Technological Session
of the Scientific Research Institute for Mechanical Concentra-
tion of Minerals] Trudy IV nauchno-tekhnicheskoi sessii insti-
tuta MEKHANOBRR. Leningrad, 1961. 665 p. (MIRA 17:5)

1. Leningrad. Nauchno-issledovatel'skiy i proyektnyy institut
mekhanicheskoy obrabotki poleznykh iskopayemykh.

S/137/62/000/001/021/237
A060/A101

AUTHOR: Bogdanov, O. S.

TITLE: The main trends in using radioactive isotopes for studying physico-chemical foundations of the flotation process

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 1, 1962, 8, abstract 1063 ("Tr. Vses. n.-i. i proyekt. in-ta mekhan. obrabotki poleznykh iskopayemykh", 1961, no. 128, 3-16)

TEXT: The paper describes the application of the method of radioactive isotopes for the study of the physico-chemical foundations of the flotation process; for the study of the interaction of minerals with various classes of flotation reagents; collectors, activators, and depressors; for the study of sorption kinetics of flotation reagents, for the study of the distribution of the sorbed reagents on the interface boundary mineral-solution and solution-gas, and others. The advantages and limitations of the method of radioactive isotopes are analyzed. The conclusion is drawn that in many cases this method may be successfully used for investigating the action of flotation reagents only when it is done in combination with other methods: with the method of infrared spectro-

Card 1/2

S/137/62/000/001/021/237
A060/A101

The main trends in using ...

copy, with X-ray structure analysis, electronography, electron microscopy, and others. The use of such combinations makes it possible to study the composition and the structure of surface compounds. There are 24 references.

M. Lipets

[Abstracter's note: Complete translation]

Card 2/2

BOGDANOV, O.S.; MIKHAYLOVA, N.S.; PODNEK, A.K.

Interaction of martite and quartz with sodium oleate in the presence
of calcium ions. Trudy Mekhanobr no.128:17-25 '61. (MIRA 15:1)
(Flotation--Equipment and supplies) (Martite)

S/137/62/000/005/022/150
A006/A101

AUTHORS: Bogdanov, O. S., Hsing Wei-chung, Yanis, N. A.

TITLE: Studying the effect of sodium oleate and flotation modifiers under conditions of flotating beryl, spodumene and fluorspar

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 5, 1962, 7, abstract 5G42 ("Tr. Vses. n.-i. i proyekt. in-ta mekhan. obrabotki poleznykh iskopayemykh", 1961, no. 128, 26-36)

TEXT: Results are given from investigating the interaction of beryl, spodumene and fluorspar surfaces with oleic acid (I) containing radioactive isotope C^{14} , ferric chloride with Fe^{59} isotope, and H_2SO_4 with S^{35} isotope. The quantity of a reagent sorbed by minerals, was determined on flotation products by direct measurement of the radiation intensity of the mineral powder. To measure the intensity of preparations I, the method of scintillation reading was employed with the aid of liquid scintillators. Flotation experiments were carried out with a laboratory mechanical-type machine of 160 ml volume, at 1:8 solid-liquid ratio. The studies were applied to the existing acid and alkaline schemes of separating beryl, spodumene and fluorspar. Prior to flotation, the mineral batch was mixed

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Studying the effect of sodium oleate ...

S/137/62/000/005/022/150
A006/A101

in a cup with a solution of required flotation reagents at a given liquid-solid ratio. To study the nature of I and sodium oleate (II) fixation on beryl and spodumene, the method of infrared spectroscopy was used. The joint processing of the minerals with reagents was performed in a special adsorption column. As a result of investigating sorption of I and II; the effect of pH; processing with HF and H₂SO₄, and with a mixture of these acids; processing with NaOH, on flotation of beryl, spodumene and fluorspar, and sorption of oleate by their surfaces, the conclusion is drawn that during the interaction of II with beryl, spodumene and fluorspar, both physical sorption of I molecules and chemical sorption of oleate ions take place. Highest sorption capacity is shown by spodumene, which corresponds to its better flotability. Optimum beryl flotation and sorption of beryl oleate occurs in the neutral range; and those of spodumene in the weakly alkaline range. The activating effect of HF upon beryl and of NaOH upon beryl and spodumene, is predetermined by more favorable conditions developed on the mineral surface for the chemisorptional fixation of the ion collector; this is connected with the selective dissolving in HF of silicate groups. Beryl depression, non-activated and preliminarily activated with HF, after processing with H₂SO₄ is explained by reduced sorption of the collector and its fixation prevalently in molecular form.

L. Glazunov

[Abstracter's note: Complete translation]

Card 2/2

BOGDANOV, O. S.; KHAYNMAN, V. Ya.; MAKSIMOV, I. I.

"On Certain Physical-Mechanical Factors Determining the Rate of Flotation."

paper to be presented at the Intl Mineral Dressing Conf, New York City
20-24 Sep 64.

Inst "Mekhanobr," Leningrad.

ACC NR: AP7002162

SOURCE CODE: UR/0089/66/021/006/0439/0445

AUTHOR: Anatskiy, A. I.; Bogdanov, O. S.; Bukayev, P. V.; Vakhrushin, Yu. P.;
Malyshev, I. F.; Nalivayko, G. A.; Pavlov, A. I.; Suslov, V. A.; Khal'chitskiy, Ye. P.

ORG: none

TITLE: Linear induction accelerator

SOURCE: Atomnaya energiya, v. 21, no. 6, 1966, 439-445

TOPIC TAGS: linear accelerator, electron accelerator, mev accelerator

ABSTRACT:

A description is given of the LIU-3000 linear induction accelerator, which was designed at the Scientific-Research Institute for Electro-Physical Devices (NIIEFA) in 1962. The LIU-3000 was designed for an energy of 3 Mev and a pulse current of up to 200 amp. Its operation for electron acceleration is based on the utilization of a rotational electric field, created in a system consisting of several circular transformers. The maximum possible current of the accelerated electrons in such an accelerator with focusing sufficient to compensate for the repelling force of the space charge, is determined basically by the power of the commuting element in the primary circuit of the inductor. The LIU-3000's power can be brought to 1000 amp/pulse, what is impossible in other types of accelerators. The

Card 1/2

UDC: none

ACC NR: AP7002162

LIU-3000 consists of a series of accelerating sections (the first of which was adjusted in 1963). Each section consists of 12 inductors which are vacuum sealed to permit a vacuum of 5×10^{-6} torr inside. The sections are connected in pairs into units with the aid of special pipes. Pumping and observation devices are situated between the units. The following data were obtained from tests: maximum current of accelerated electrons, 180 amp; maximum energy of injected electrons, 300 kev; energy of accelerated electrons, 485 kev; duration of the current pulse of the gun, 2.2 μ sec; pulse duration of the accelerating voltage, 0.35 μ sec; duration of the pulse front of accelerating voltage, 0.18 μ sec; average gradient of accelerating field, 310 kv/m; and diameter of the accelerated beam (at the exit), 2 cm. In addition to the authors, other staff member of NIIIEFA who participated in designing and testing the LIU-3000 were R. A. Alekseyev, L. M. Andrezen, A. V. Belyayeva, O. D. Volodin, M. A. Gashev, V. K. Gagen-Torn, N. K. D'yachenko, N. V. Toloknov, Yu. V. Lebedev, A. A. Markhel', P. G. Morayev, A. V. Popkovich, A. N. Popov, S. V. Promyshlyayev, G. L. Saksaganskiy, Ya. L. Mekhelis, and A. T. Chesnokov. The authors thank V. I. Vekaler and V. P. Saratsev for their help with the work. Orig. art. has: 4 formulas and 11 figures.

SUB CODE: 20/ SUBM DATE: 14Apr66/ ORIG REF: 003/ OTH REF: 001/
ATD PRESS: 5112

Card 2/2

KAPELINSKIY, Yu.N.; POLYANIN, D.V.; ZOPOV, G.M.; IVANOV, I.D.; SERGEYEV, Yu.A.; MENZHINSKIY, Ye.A.; KOSTYUKHIN, D.I.; DUDUKIN, A.N.; IVANOV, A.S.; FINOGENOV, V.P.; ZAKHMATOV, M.I.; SOLODKIN, R.G.; DUSHEN'KIN, V.N.; ~~BOGDANOV, O.S.~~; SEROVA, L.V.; GONCHAROV, A.N.; LYUBSKIY, M.S.; PUCHIK, Ye.P. [deceased]; KAMENSKIY, N.N.; SABEL'NIKOV, L.V.; GERCHIKOVA, I.N.; FEDOROV, B.A.; KARAVAYEV, A.P.; KARPOV, L.N.; VARTUMYAN, E.L.; SHIPOV, Yu.P.; ROGOV, V.V.; BOGDANOV, I.I.; VLADIMIRSKIY, L.A.; LEBEDEV, B.I.; ANAN'YEV, P.G.; TRINICH, F.A.; GOLOVIN, Yu.M.; MATYUKHIN, I.S.; SEYFUL'MULYUKOV, A.M.; SHIL'DERUT, V.A.; ALEKSNYEV, A.F.; BORISENKO, A.P.; CHURAKOV, V.P.; SHASTITKO, V.M.; GERUS, V.G.; ORLOV, N.V., red.; KAPELINSKIY, Yu.N., red.; GORYUNOV, V.P., red. V redaktirovanii prinimali uchastiye: BELOSHAPKIN, D.K., red.; GEORGIYEV, Ye.S., red.; KOSAREV, Ye.A., red.; PANKIN, M.S., red.; PICHUGIN, B.M., red.; SHKARENKOV, Yu.S., red.; MAKAROV, V., red.; BORISOVA, K., red.; CHEPELEVA, O., tekhn.red.

[The economy of capitalistic countries in 1958] Ekonomika kapitalisticheskikh stran v 1958 godu. Pod red. N.V.Orlova, IU.N.Kapelinskogo, V.P.Goriunova. Moskva, Izd-vo sotsial'no-ekonom.lit-ry, 1959. 609 p. (MIRA 12:12)

1. Moscow. Nauchno-issledovatel'skiy kon'yunktorny institut.
(Economic conditions)

BOGDANOV, O. V.

BOGDANOV, O.V. student V kursa (Ordshonikidze); KOKOYNVA, T.M., student
V kursa (Ordshonikidze)

Clinical significance of the determination of blood prothrombin level. Klin.med. 35 no.6:124-125 Je '57. (MIRA 10:8)

1. Iz kafedry gosspital'noy terapii (nav. - dotsent V.Ye.Bogdanov) Severo-Osetinskogo meditsinskogo instituta (dir. - dotsent S.N. Polikarpov)

(PROTHROMBIN, determ.

clin. significance in various dis.)

BOGDANOV, O.V.

Method for recording the electrocardiogram of chick embryos. Fiziol.
zhur. 45 no.10:1281-1282 O '59. (MIRA 13:2)

1. Otdel sravnitel'noy fiziologii i patologii Instituta eksperimen-
tal'noy meditsiny AMN SSSR, Leningrad.
(ELECTROCARDIOGRAPHY equip. & supply)

BOGDANOV, O.V.

Effect of disorders of various portions of the central nervous system on cardiac activity in the chick embryo. *Biul. eksp. biol. i med.* 50 no.9:21-24 S '60. (MIRA 13:11)

1. Iz otdela sravnitel'noy fiziologii i patologii Instituta eksperimental'noy meditsiny (dir. -- chlen-korrespondent AMN SSSR prof. D.A. Biryukov) AMN SSSR, Leningrad.
(NERVOUS SYSTEM) (HEART)

BOGDANOV, O.V.

Effect of arecoline on the cardiac activity of the chick embryo
in various stages of development. Biul. eksp. biol. i med. 50
no. 11:61-65 N '60. (MIRA 13:12)

1. Iz otdela sravnitel'noy fiziologii i patologii Instituta
eksperimental'noy ~~meditsiny~~ AMN SSSR, Leningrad.

(PARASYMPHATOMIMETICS) (HEART)

BOGDANOV, O. V.

Cand Med Sci --(diss) "Establishing control of heart activity in chickens and pigeons in early ontogenesis." Leningrad, 1961. 14 pp; (Leningrad Pediatrics Medical Inst); 250 copies; price not given; (KL, 5-61 sup, 201)

ROGDANOV, O.V.

Establishment of cardiac regulation in chicks and pigeons during early ontogenesis. Fiziol. zhur. 47 no.1:80-88 Ja '61.

(MIRA 14:3)

1. From the Division of Comparative Physiology and Pathology of Nervous Activity, Institute of Experimental Medicine, U.S.S.R. Academy of Medical Sciences, Leningrad.

(HEART)

(BIRDS---PHYSIOLOGY)

BLINKOVA, T.P.; BOGDANOV, O.V.

Development of autonomic reactions during the embryogenesis of chicks. Biul. eksp. biol. i med. 56 no.12:32-35 D '62.

(MIRA 17:11)

1. Iz laboratorii sravnitel'noy fiziologii i patologii (zav. - deystvitel'nyy chlen AMN SSSR D.A. Biryukov) Instituta eksperimental'noy meditsiny AMN SSSR, Leningrad.

BLINKOVA, T.P.; BOGDANOV, O.V.

Development of frequency characteristics of heart activity in chickens as a sign of the biological adaptation in embryogeny.
Dokl. AN SSSR 149 no.4:988-990 Ap '63. (MIRA 16:3)

1. Institut eksperimental'noy meditsiny AMN SSSR. Predstavleno akademikom V.N.Chernigovskim.
(HEART BEAT) (ADAPTATION (BIOLOGY)) (EMBRYOLOGY--BIRDS)

BOGDANOV, O.V.

Significance of proprioceptive impulses in the functional maturation of the central nervous system of the chick embryo. Fiziol. zh. SSSR Sechenov 49 no.6:701-705 '63 (MIRA 17:1)

1. From the Laboratory of Comparative Physiology and Pathology
Institute of Experimental Medicine, Leningrad.

VATSURO, Erazm Grigor'evich, prof., red.; BOGDANOV, Oleg
Viktorovich, kand. med. nauk; VASILEVSKIY, N.N., red.

[Essays on the evolution of nervous activity; a festschrift on the 60th birthday and the 40th anniversary of the scientific and pedagogic activity of Professor D.A.Biriukov, Member of the Academy of Medical Sciences of the U.S.S.R.] Ocherki evoliutsii nervnoi deiatel'nosti; kolektivnaia monografiia, posviashchennata 60-letiu dnia rozhdeniia i 40-letiu nauchno-pedagogicheskoi deiatel'nosti deistv. chlena AN SSSR prof. D.A.Biriukova. Pod red. E.G.Vatsuro i O.V.Bogdanova. Leningrad, Meditsina, 1964. 229 p. (MIRA 17:11)

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