

KRAYTSBERG, M. I.

178T64

USSR/Electricity - Generators, DC
Excavators

Apr 51

"Use of Controllable DC Generators for Excavators,"
M. I. Kraysberg, Cand Tech Sci

"Elektrichestvo" No 4, pp 37-44

Lists advantages which might be obtained by using generator controlled by amplidyne instead of customary dc generators for drive system of excavators. Submitted 30 Aug 50.

178T64

UNCLASSIFIED

621.313.333.025.2

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Electrical Engineering Abst.
Vol. 57 No. 673
Jan. 1954
Electrical Engineering

58. Investigation of a two-phase induction machine with asymmetrical supply. M. I. KRALINSKI. Elektrichestvo, 1953, No. 3, 31-6. In Russian.
The investigation of the behaviour of asynchronous machines under abnormal conditions of operation is becoming increasingly important not only because such conditions may occur frequently in the operation of conventional machines, but also because the artificial creation of controllable asymmetries may be used, among other purposes, for a sensitive speed control of motors. The whole important class of machines, the selyns, are actually asynchronous machines with asymmetrical (1-ph.) stator or rotor. It is shown that asymmetrical working conditions of an asynchronous machine may be represented without resorting to symmetrical components. The fundamental equation of the machine may be given in a form equally suitable for symmetrical as for asymmetrical conditions and a new equivalent circuit is suggested. This is used for obtaining current curves and mechanical (torque) characteristics. The experimental results represented by current curves provide a convenient check on the theory.
B. V. KRALIK

6-28-54

DOMEROVSKIY, N.G. professor, doktor tekhnicheskikh nauk, laureat
Stalinskoy premii; GREKOV, A.R., inzhener; KRAYTSEBERG, M. I.,
inzhener; LOMAKIN, V.P., inzhener; YARTSEV, G.P., inzhener.

Excavator with an electromagnetic sliding coupling. Mekh.
stroj. 12 no.4:16-21 Ap '55. (MLRA 8:6)
(Couplings) (Excavating machinery)

KRAYTSBERG, M.I., kandidat tekhnicheskikh nauk.

On diesel-electric drive for multi-bucket excavators. Stroi.i dor.
mashinostr. no.11:14-17 N '56. (MLRA 9:12)

(Excavating machinery--Electric driving)

KRAYTSBERG, M.I., kandidat tekhnicheskikh nauk; KAGAN, S.Ye., inzhener.

Induction motor with phase and short-circuited windings on the rotor. Vest.elektrom. 27 no.2:27-31 S '56. (MIRA 10:9)

1. Moskovskiy inzhenerno-stroitel'nyy institut imeni V.V.Kuybysheva (for Kraysberg). 2. Khar'kovskiy elektromekhanicheskiy zavod (for Kagan).

(Electric motors, Induction)

KRAYTSBERG, M.I., kand. tekhn. nauk; LOMAKIN, V.P., inzh.; KAMINSKAYA, D.A.,
inzh.

Improving the electric drive of single-bucket excavators. Stroi. 1
dor. mashinostr. 2 no.11:3-6 N '57. (MIRA 11:1)
(Excavating machinery--Electric driving)

8(5)
14(2)

PHASE I BOOK EXPLOITATION

SOV/1523

Kraytsberg, Meyer Itskovich

Elektroprivody stroitel'nykh mashin i mekhanizmov (Electric Drives of Construction Machines and Mechanisms) Moscow, Gosenergoizdat, 1958. 326 p. 11,000 copies printed.

Ed.: B.D. Antrushin; Tech. Ed.: K.P. Voronin.

PURPOSE: This book is intended for engineers and technicians of machine-building and electric machine-building plants and construction and design organizations.

COVERAGE: The author describes electric drives of the following types of construction machines: excavators of small, medium and large capacity, suction dredges, cranes, vibratory machines and electric hand tools. A considerable part of the book is devoted to excavator drives as examples of the most complex and developed drives. The author describes the special features of electric drives and their effect on the basic design parameters and operating characteristics of construction machines and mechanisms. He pays special attention to the technical requirements of electric drives. The author does not discuss standard types of induction and synchronous drives.

Card 1/4

Electric Drives of Construction (Cont.)

SOV/1523

used in many construction machines nor does he include basic theoretical information on electric drives. In writing the book the author made use of the experience and technical data collected by industrial plants, scientific research institutes and vuzes specializing in the design, operation and research of electric drives for construction machines. He also describes new electric drive systems and their individual units, which, although not yet in use, are in various stages of research or development. No personalities are mentioned. There are 27 Soviet references.

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Card 2/4	

KRAYTSBERG, M.I.

Efficient drives of self-propelled scrapers. Izv.vys.ucheb.zav.; stroit.
arkhit. no.5:126-134 ' 58. (MIRA 12:1)

1. Moskovskiy ordena Trudovogo Krasnogo Znameni Inzhenerno-stroitel'-
nyy institut imeni V.V. Kuybysheva.
(Scrapers--Electric driving)

KRAYTSBERG, M.I., kand. tekhn. nauk

How drive systems used in excavators. Sbor. trud. MISI no. 26:
112-123 '58. (MIRA 12:1)
(Excavating machinery--Electric driving)

KRAYTSBERG, M.I., kand. tekhn. nauk

Special drive systems used for building machines. Sbor. trud.
MISI no. 26:247-252 '58. (MIRA 12:1)
(Building machinery)

KRAYTSBERG, M.I., kand.tekhn;nauk; KAMINSKAYA, D.A., inzh.; LOMAKIN, V.P.,
inzh.

Low-inertia electric drive for excavators. Elektrichestvo no.4:
26-30 Ap '60. (MIRA 14:4)

1. Moskovskiy inzhenerno-stroitel'nyy institut (for Kraytsberg).
(Excavating machinery—Electric driving)

KRAYTSBERG, M.I., dotment, kand.tekhn.nauk; KAMINSKAYA, D.A., inzh.;
LOMAKIN, V.P., insh.

Control systems for drives of medium-sized excavators.
Elektrichestvo no.7:30-35 J1 '60. (MIRA 13:8)

1. Moskovskiy inzhenerno-stroitel'nyy institut (for Kraysberg).
2. Khar'kovskiy elektromekhanicheskiy zavod (for Kaminskaya, Lomakin).

(Excavating machinery--Electric driving)

KRAYTSBERG, M.I., dotsent; KAMINSKAYA, D.A., inzh.; LOMAKIN, V.P., inzh.

Dynamic quality of simplified electric-drive system for powerful
overburden stripping excavators. Izv. vys. ucheb.zav.; gor. zhur.
no.11:163-170 '60. (EEAI 13:12)

1. Moskovskiy ordena Trudovogo Krasnogo Znameni inzhenerno-
stroitel'nyy institut imeni V.V.Kuybysheva. Rekomendovana
kafedroy elektrotekhniki Moskovskogo inzhenerno-stroitel'nogo
instituta.

(Excavating machinery--Electric driving)

KRAYTSBERG, M.L., kand tekhn.nauk; TOIMACH, I.M., inzh.; LOMAKIN,
V.P., inzh.; KAMINSKAYA, D.A., inzh.

Use of synchronous motors on excavators. Vest. elektrom.
32 no.7:29-31 JI '61. (MIRA 14:10)
(Electric motors, Synchronous)
(Excavating machinery)

KRAYTSBERG, M. I., kand. tekhn. nauk, laureat Stalinskoy premii

Outlook for improving the electric drive of earthmovers. Sbor.
trud. MISI no.39:355-363 '61. (MIRA 16:4)

1. Moskovskiy inzhenerno-stroitel'nyy institut imeni V. V.
Kuybysheva.

(Earthmoving machinery—Electric driving)

KRAYTSBERG, M.I., kand.tekhn.nauk; KAMINSKAYA, D.A., inzh.; LOMAKIN, V.P.,
inzh.; SOLOVSKIY, V.M., inzh.

Effect of temperature on the basic parameters of the drive of an
excavator with electric controls. Stroi. i dor. mash. 7 no.3:
21-24 Mr '62. (MIRA 15:4)

(Excavating machinery)

KRAYTSBERG, M.I., kand.tekhn.nauk; KAMINSKAYA, D.A., inzh.

Study of the dynamics of electric traction and hoist drives of
the ESh 8/60 excavator. Vest.elektroprom. 33 no.6:38-40 Je
'62. (MIRA 15:7)
(Excavating machinery—Electric driving)

GLUSHKOV, Georgiy Nikolayevich, inzh.; DENISOV, Valeriy Anatol'yevich
inzh.; KRAYSBERG, Meyer Itskovich, inzh.; MOROLOV, b.V.,
inzh., nauchn. red.; RYAZANTSEVA, L.I., red.

[Electrical equipment and power supply in construction;
Elektrooborudovanie i elektroobzhenie stroitel'stva. Mo-
skva, Stroiizdat, 1964. 310 p. (MIRA 17:7)

KALASHNIKOV, Yu.T., inzh.; KAMINSKAYA, D.A., kand. tekhn. nauk; KRATSBEM, M.I., kand. tekhn. nauk

Electric drive of the ESh-10/60 excavator. Strol. 1 dor. mash. 9
no.5:15-16 My '64. (MIRA 17:6)

SOFRONOV, P.A.; KRAYTSBERG, M.I.; MYL'NIKOV, I.I.; SMIRNOV, B.V.

Silicon rectifiers for enterprises of the refractories industry.
Ogneupory 29 no. 5:201-205 '64. (MIRA 17:7)

1. Moskovskiy inzhenerno-stroitel'nyy institut imeni V.V.
Kuybysheva (for Sofronov, Kraysberg). 2. Chasov-Yarskiy kombinat
ogneupornykh izdeliy (for Myl'nikov).

KRAYTSBERG, M.I., kand. tekhn. nauk; FUKS, P.A., inzh.

Selecting the power of electric motors for machines operating
with random load. Vest. mashinostr. 44 no.10:26-28 0 '64.

(MIRA 17:11)

L 5374-66

ACC NR: AP5024581

SOURCE CODE: UR/0292/65/000/009/0035/0036

AUTHOR: Kraysberg, M. I. (Candidate of technical sciences); Oskerko, B. F. (Engr.);
Suslov, O. N. (Engr.); Kaganovskiy, S. A. (Engr.)

ORG: none

TITLE: Electric-power generator with reciprocating motion

SOURCE: Elektrotehnika, no. 9, 1965, 35-36

TOPIC TAGS: electric power generator, reciprocating generator

ABSTRACT: The principle of operation of the electric-power generator with a reciprocating motion is explained. Some experimental datae obtained from a 500-w laboratory model of a variable-reluctance generator are reported. These findings are offered: (1) Unlike in the conventional a-c generators, the emf and maximum output power in a variable-reluctance reciprocal generator increase up to an optimal point and then fall off with the increasing excitation current; (2) There is an optimal value of the height of the moving core which corresponds to a maximum output power; (3) The generator capacity is proportional to the fill factor of the moving core; (4) With the fill factor exceeding a certain value, the relation

Card 1/2

UDC: 621.313.12

0791 1160

L 5374-66

ACC NR: AP5024581

between the position of the moving core and the resulting flux becomes nonlinear which causes considerable ripple in the excitation current; (5) At 33 cps, the required amount of active materials is high; hence, generators designed for 75-100 cps deem desirable. Orig. art. has: 4 figures, 3 formulas, and 1 table.

SUB CODE: EE/ SUBM DATE: 00/ ORIG REF: 000/ OTH REF: 000

OC
Card 2/2

L 37707-00

ACC NR: AP6027659

SOURCE CODE: UR/0105/66/000/005/0087/0088

AUTHOR: Kraysberg, M. I. (Candidate of technical sciences); Zagorskiy, A. Ye.
(Engineer)

37
B

ORG: none

TITLE: Increasing the frequency of AC and determination of the optimal frequency for further electrification of the USSR

SOURCE: Elektrichestvo, no. 5, 1966, 87-88

TOPIC TAGS: electric motor, electric current, alternating current, industrial management

ABSTRACT: A discussion of an article by V. S. Kulebakin et. al. from Elektrichestvo, No. 3, 1963. This note presents the results of an investigation on the subject of selection of frequency for autonomous industrial systems of drives characteristic for construction and road machinery, forestry, petroleum, gas and other branches of industry. Motors of up to 100 kw power are analyzed. The main criteria for analysis are the weight of the active steel and copper. It is concluded that increasing the frequency would result in a great savings of material in motors operating at 3,000 rpm and faster (25-30% of weight at 50 cps), but little savings for 1,000-1,500 rpm motors. The results produced by autonomous systems can be taken for general industrial drives as well. Orig. art. has: 4 formulas and 3 tables. [SPRS: 36.501]

SUB CODES: 09, 05 / SUBJECT DATE: none

Card 1/1

UDC: 621.311.1

8117 455

ACC NR: AP7008866

SOURCE CODE: UR/0105/66/000/008/0001/0005

AUTHOR: Kravtsov, M. I. (Candidate Technical Sciences); Zagor'skiy, A. Yo.
(Engineer)

ORG: Moscow Construction Engineering Institute im. V. V. Kuybyshev
(Moskovskiy inzhenerno-stroitel'nyy institut)

TITLE: Usage of high frequency electric motors in an autonomous drive
system

SOURCE: Elektrichestvo, no. 8, 1966, 1-5

TOPIC TAGS: electric motor, construction machinery

SUB CODE: 09,13

ABSTRACT: The wide usage of motors with their own independent power supplies (in excavators, scrapers, cranes, tractors, etc.) with diesel or other generators and electric-drive systems has opened the question of the propriety of using ordinary 50-cycle motors under these conditions. This article presents a comparison and analysis of equations connecting the weight of an electric motor with its frequency and rotation speed with fixed power indices. On the basis of these equations, computerized design of 5-100 kilowatt motors with frequencies over 50 cycles per second was performed. A basic 50 cycle machine was used for comparison. It is determined that when a fixed rotation speed of not over 3000 rpm is used, increasing the frequency of operation of the motor causes no notable reduction in weight or cost if the efficiency, power coefficient and overload capacity are retained the same. The usage of increased frequencies up to 100 cps is useful for special asynchronous motors (with high ratios of length to diameter). Reduction of weight in this case may be

Card 1/2

UDC: 621.313.333:537.9

092.9 1662

ACC NR: P7008866

considerable (up to 30%). Orig. art. has: 3 figures and 20 formulas.
JPRS: 58,330

Card 2/2

KRAYTSBERG, N.I.

Furnace device with interior drying chamber for burning wood
wastes. Nov. tekhn. zhil.-kom. khoz.: Zhil. khoz. no. 2: 85-92
'63. (MIRA 18:6)

KRAYTSBERG, N.I., känd.tekhn.nauk; PAVLOV, I.I.

Furnace for burning wood waste. Blul.tekh.-ekon.inform.Gos.nauch.-
issl.inst.nauch.i tekhn.inform. 17 no.1:62-63 '64. (MIRA 17:2)

KRAYTSEK, L.I., zasluzhennyy vrach RSFSR; NARYCHEVA, O.A., kand.med.nauk

Extended transabdominal left-sided approach in operations on the
cardia and esophagus. Vest.khir. no.7:84-87 '61. (MIRA 15:1)

1. Iz 3-y kafedry khirurgii (zav. - prof. V.I. Kazanskiy) TSen -
tral'nogo instituta usovershenstvovaniya vrachey na baze TSentral'-
noy klinicheskoy bol'nitsy Ministerstva putey soobshcheniya.
(STOMACH--SURGERY) (ESOPHAGUS--SURGERY)

KRAYTSER, L.I.; SERGEVNIN, V.V.; BENJENSON, M.P.; POGREBNIYAK, V.S.

Effectiveness of splenoportography in metastasis symptoms of cancer of the stomach and pancreas. Vest.khir. no.9:45-49 '61.
(MIRA 15:3)

1. Iz 3-y kafedry khirurgii TSentral'nogo instituta usovershenstvovaniya vrachey (zav. - prof. V.I. Kazanskiy) i rentgeno-radiologicheskogo otdeleniya (nach. - dotsent S.A. Sviridov) na baze TSentral'noy klinicheskoy bol'nitay Ministerstva putey soobshcheniya. Adres avtorov: Moskva, Volokolmskoye shosse, d.34, TSentral'naya klinicheskaya bol'nitsa Ministerstvo putey soobshcheniya.

(STOMACH---CANCER) (PANCREAS--CANCER)
(SPLEEN---RADIOGRAPHY) (PORTAL VEIN---RADIOGRAPHY)

NARYCHEVA, O.A., kand.med.nauk; KRAYTSEK, L.I., zasluzhenny vrach
RSFSR

Bilateral fracture of the neck of the humerus in combination
with luxation of the shoulder joints in electrical trauma.
Ortop., travm.i protez. 23 no.6:65-67 Je '62. (MIRA 15:9)

1. Iz 3-y kafedry khirurgii (zav. - prof. V.I. Kazanskiy) Tsent-
ral'nogo instituta usovershenstvovaniya vrachey.
(HUMERUS—FRACTURE) (SHOULDER JOINT—DISLOCATION)
(ELECTRICITY, INJURIES FROM)

KRAYTSER, I.I.; BOGDANOV, A.V. (Moskva, 0-48, ul. Leninskaya, d.28, kv.259).

Use of mechanical suturing devices in radical operations for cancer of the cardia and esophagus. Vop. onk. 9 no.12:87-90 '63. (MIRA 17:12)

1. Iz 3-ey kafedry khirurgii Tsentral'nogo instituta uovershenstvovaniya vrachey (zav. kafedroy - prof. V.I.Kazanskiy) na baze Tsentral'nov klinicheskoy bol'nitsy Ministerstva putey soobshcheniya nachalnik - zasluzhennyy vrach I.S.M. V.M. Fokharchenko).

KRAYTSER, L.I.; NARYCHEVA, O.A.

Methods of improving diagnosis and the surgical access to the
cardial section of the stomach in cancer operations. Trudy TSIU
62:182-186 '63. (MIRA 18:3)

1. III kafedra khirurgii (zav. prof. V.I.Kazanskiy) Tsentral'nogo
instituta usovershenstvovaniya vrachey.

BOGDANOV, A.V.; KRAYTSEY, L.I.; KHARITONOV, L.G.

Cancer of the upper region of the stomach with transition into the esophagus in patients over 60 years of age. Khirurgiia 41 no.4:52-56 Ap '65. (MIRA 18:5)

1. 3-ya kafedra khirurgii (zav. - prof. V.I. Kazanskiy) TSentral'nogo instituta usovershenstvovaniya vrachey na baze TSentral'noy klinicheskoy bol'nitsy Ministerstva putey soobshcheniya, Moskva.

KRAYTSKROV, M.

Let us enlarge the amount of payment claims. Den. 1 kred. 16 no.5:
51-52 My '58. (MIRA 11:6)

(Odessa Province--Grain trade)

GERSHUN, A.; KRATTSEROV, M.

Our work with state farms. Den. 1 kred. 17 no.3:64-65
Mr '59. (MIRA 12:4)
(Odessa Province--State farms--Finance)

KRAYUKHIN, A.F., inzhener; BUROV, I.T., inzhener; MURASHOVA, A.P., inzhener;
TARUTIN, G.I., inzhener.

An unsuccessful reference book for road foremen ("Handbook for road foremen") Edited by V.F.Babkov. Reviewed by A.F.Kraiukhin and others, Avt.dor.18 no.4:30 JI-Ag '55. (MLRA 8:11)
(Babkov, V.F.)(Aleksandrov, B.S.)(Alekseev, A.P.)(Zabolotskiy, F.D.)
(Sarsatskikh, P.I.)(Charuyskiy, A.P.)(Shominov, I.S.)(Road construction)

KRAYUKHIN, A.F., inzh.; RODOV, D.Ya., inzh.

Categories of local roads. Avt. dor. 24 no. 1:28-29 Ja '61.
(Road construction) (MIRA 14:2)

KRAYKHIN, E. V.

"Motor Chronaxia in Very Old Men," *Zhiziol. Zhur.*, 35, No.4, 1949

Section Normal Physiology, Inst. Clinical Physiology im. A. A. Bogomolets, AS UkrSSR

ASAYUKI, B. V.

25129

Uvidleniye' Bionomiy Bantona Ot Klinicheskogo Sostava Dnyayid Otlozhayiy Prucey Ii-Ta
Gierobiologii (Akad. - Nauk Ukr. SSR), No 3, 1989, s. 1-11. - Na Ukr. Yez. --
Re. iuzh na Rus. Yez. -- Bibliogr: 15 Univ.

SO: LEBON: No 34

KRAYUKHIN, B.V.; SVIRIDENKO, P.O., diyenny ohlen.

Metabolism rate of opossum shrimps [Mysidae] of the Dniester estuary. Dyp. AN
URSR no.4:282-286 '51. (MLBA 6:9)

1. Akademiya nauk Ukrayins'koyi RSR (for Sviridenko).
2. Instytut hidro-biologiyi Akademiyi nauk Ukrayins'koyi RSR (for Krayukhin).
(Dniester river--Shrimps) (Shrimps--Dniester river)

KRAYUKHIN, B.V.

KONENKO, A.D.; ROLL, Ya.V., otvetstvennyy redaktor; MOVCHAN, V.A.,
redaktor; VLADIMIROV, V.I., doktor biologicheskikh nauk,
redaktor; TOVBIN, M.V., doktor khimicheskikh nauk, redaktor;
KRAYUKHIN, B.V., kandidat biologicheskikh nauk, redaktor;
~~FURS-YESENKO, N.S., redaktor; SIVACHENKO, Ye.K., tekhredaktor.~~

Hydrochemical characteristics of small rivers of the Ukrainian
S.S.R. Trudy Inst. gidrobiol. AN URSR no.26:5-172 '52.
(MIRA 8:2)

1. Chlen-korrespondent Akademii nauk USSR (for Roll and
Movchan).
(Ukraine--Rivers)(Water--Composition)

BODROVA, N.V.; KRAYUKHIN, B.V.

Teachings of the great Russian physiologist Academician I.P.
Pavlov and some problems in the physiology of water animals.
Trudy Inst.gidrobiol.AN URSS no.27:15-27 '52. (MLRA 9:8)
(Pavlov, Ivan Petrovich, 1849-1936) (Fresh-water fauna)

BODROVA, N.V.; KRAYUKHIN, B.V.

Method of making chronic fistulae in gastro-intestinal tract of fish.

J. Physiol. USSR '52, 38, 640-646.

(MLRA 5:11)

(BA - AIII Ap '53:459)

MARKOVSKIY, Yu.M.,

MARKOVSKIY, Yu.M.; ROLL, Ya.V., redaktor; MOVCHAN, V.A., redaktor;
VLADIMIROV, V.I., doktor biol. nauk, redaktor; ALMAZOV, A.M.,
kandidat khim. nauk, redaktor; KRAYUKHIN, B.V., kandidat biol.
nauk, redaktor; GRUDZINSKAYA, O.S., redaktor; SIVACHENKO, Ye.K.,
tekhnicheskii redaktor.

[Invertebrate fauna of lower parts of Ukrainian rivers, conditions
under which they exist, and ways of utilizing them] Fauna bespozvo-
nochnykh nizov'ev rek USSR, usloviia ee sushchestvovaniia i puti
ispol'zovaniia. Pt 1. [Water bodies of the Dniester Delta and the
Dniester estuary] Vodoemy del'ty Dnestra i Dnestrovskii liman.
Kiev, Izd-vo Akademii nauk USSR, 1953. 194 p. (MLA 8:2)
(Dnieper River--Invertebrates) (Bug River--Invertebrates)
(Dniester Delta--Invertebrates)

KRAYUKHIN, B.V.

Studying the physiology of digestion in fish by using artificial fistulas. Vop. fiziol. no.6:132-142 ' 53. (MLRA 8:1)

1. Laboratoriya fiziologii vodnykh zhivotnykh Instituta gidrobiologii AN USSR.

(GASTROINTESTINAL SYSTEM, physiology,
in fish, study with permanent fistula)

(FISH,
digestion, study with permanent fistula)

(FISTULA,
gastrointestinal, external, investigation of digestion
in fish)

КРАУКХИН, Б.В.

MARKOVSKIY, Yu.M.; ROLL, Ya.V., redaktor; MOVCHAN, V.A., redaktor;
VLADIMIROV, V.I., doktor biol. nauk, redaktor; ALMAZOV, A.M.,
kandidat khim. nauk, redaktor; KRAYUKHIN, B.V., kandidat biol.
nauk, redaktor; GRUDZINSKAYA, O.S., redaktor; ~~SIVACHENKO, Ye.K.,
tekhnikeskii redaktor.~~

[Invertebrate fauna of lower reaches of Ukrainian rivers, conditions
under which they exist, and ways of utilizing them] Fauna bespozvo-
nochnykh nizov'ev red USSR, usloviia ee sushchestvovaniia i puti ispol'-
zovaniia. Pt. 2. [Dnieper-Bug estuary] Dneprovsko-Bugskii liman.
Kiev, Izd-vo Akademii nauk USSR. 1954. 205 p. [Microfilm] (MIRA 8:2)
(Dnieper River--Invertebrates) (Bug River--Invertebrates)

KRAYUKHIN, B.V.

Calcium assimilation in the intestines of carps. Dop.AN URSS no.2:
103-107 '54. (MIRA 8:4)

1. Institut gidrobiologii AN URSS. Predstavleno deystvitel'ny
chlenom AN USSR P.A.Sviridenko.
(Digestive organs--Fishes) (Carp) (Calcium metabolism)

KRAYUKHIN, B. V.

USSR/Biology-Ichthyology

Card : 1/1

Authors : Krayukhin, B. V., cand. in Biology Scs.

Title : Studying feeding stations and fish feeding

Periodical : Vest. AN SSSR, 24, Ed. 5, 78 - 79, May, 1954

Abstract : Describes a conference devoted to studying methods for increasing quality and quantity of fish. The feeding of fish and feeding stations were discussed.

Institution : ...

Submitted : ...

BODROVA, N.V.; KRAYUKHIN, B.V.

Intensity of oxygen metabolism in some crustacea and mollusks of the Dniester Liman. Dop. AN URSR no.2:188-191 '55. (MLRA 8:11)

1. Institut gidrobiologii Akademii nauk URSR. Predstaviv diyeny chlen Akademii nauk URSR P.O.Sviridenko (Dniester liman--Crustacea) (Dniester Liman--Mollusks)

KRAYUKHIN, B.V.

Effect of low temperatures on the food reaction in young-of-the-
-year carp. Vop. ikht. no. 5:28-33 '55. (MLRA 9:5)

1. Institut gidrobiologii Akademii nauk USSR.
(Fishes--Physiology)

KB/YUKHIN, Boris Vasil'yevich; PAVLOVSKIY, Ye.N., akademik, glavnyy redaktor; KARZINKIN, G.S., redaktor vypuska; ENDEL'MAN, G.N., redaktor izdatel'stva; POLIVANOVA, Ye.B., tekhnicheskiiy redaktor

[The surgical fistula method and its application to the study of the physiology of the digestion of fish] Khronicheskaya fistul'naya metodika i ee primeneniye dlia izucheniya fiziologii pishchevarenia ryb. Moskva, Izd-vo Akademii nauk SSSR, 1956, 49 p. (MLBA 9:7)
(Fishes--Physiology) (Fistula)

BODROVA, N.V.; KRAYUKHIN, B.V.; MALYAREVSKAYA, A.Ya.

Importance of preparing artificial feed for its assimilation by
young carp. Vop.ikhk. no.6:149-155 '56. (MLRA 9:8)

1. Institut gidrobiologii Akademii nauk Ukrainской SSR.
(Carp) (Fishes--Food)

BODROVA, N.V., kand.biol.nauk; KRAYUKHIN, B.V., kand.biol.nauk

Reaction to electric current in fishes. Trudy sov.Ikht.kom no.8:124-131
'58. (MIRA 11:11)

1. Institut gidrobiologii AN USSR.
(Electricity--Physiological effect) (Fishes)

KRAYUKHIN, B.V., kand.biol.nauk

Regulating mechanism of the secretion of digestive juices in fishes.
Trudy sov.Ikht.kom. no.8:179-185 ' 58. (MIRA 11:11)

1. Institut gidrobiologii AN USSR.
(Digestive organs--Fishes) (Gastric juice)

KRAYUKHIN, Boris Vasil'yevich (Institute of Biology of Water Reservoirs,
Acad Sci USSR) for Doctor of Biological Sciences on the basis of disser-
tation defended 8 May 59 in Council of the Moscow Order of Lenin and
Order of Labor Red Banner State University in Lomonosov, entitled:
"Experimental ^{Study} Investigation of the Physiology of Digestion ^f in ~~Sweet~~
^{Fresh} ^{water} ^{fishes} ^{by} ^{means} ~~Sweet-Water Fishes~~ with the Application of the Chronic Fistular Method."

(EMVISSO USSR, 2-61, 24)

KL, No 17, 1959, p 106

BODROVA, N.V.; KRAYUKHIN, B.V.

Outstanding Ukrainian scientist Aleksandr Vasil'evich Leontovich.
Fiziol. zhur. [Ukr.] 5 no.5:689-696 S-0 '59 (MIRA 13:3)

1. Institut biologii vodokharnilishch AN SSSR, Moskva.
(LEONTOVICH, ALEKSANDR VASIL'EVICH, 1869-1943)

KRAYUKHIN, B.V.

Significance of the act of food swallowing for the intensity
of digestive processes in fishes. Vop. ikht. no.12:133-137
'59. (MIRA 13:4)

1. Institut biologii vodokhranilishch AN SSSR i Institut
gidrobiologii AN USSR,
(Deglutition) (Digestion) (Fishes--Physiology)

KRAYUKHIN, B.V.

Effect of monotonous food on the digestive system and metabolism of carp (*Cyprinus carpio* L.), *Zool.zhur.* 38 no.8: 1242-1248 Ag '59. (MIRA 12:11)

1. Laboratory of Physiology of Fresh Water Animals, Institute of Biology of Water Reservoirs, Academy of Sciences of the U.S.S.R., Yaroslavl region, Nekouza district.
(Carp) (Digestive organs--Fishes)

BODROVA, N.V.; KRAYUKHIN, B.V.

Role of the receptors of the body in the mechanism of the action of
electric current on fishes. Trudy Inst. biol. vodokhran. no. 3:266-272
'60. (MIRA 14:3)
(Nervous system--Fishes) (Electricity--Physiological effect)

KRAYUKHIN, B.V.

Effect of the age and weight of fishes on the metabolism intensity.
Biul.Inst.biol.vodokhran. no.11:42-43 '61. (MIRA 15:8)

1. Institut biologii vodokhranilishch AN SSSR.
(FISHES--PHYSIOLOGY)

KRAYUKHIN, B.V.

Effect of food on the metabolic rate in fishes. Vop. ikht.
1 no.4:737-744 '61. (MIRA 14:12)

1. Laboratoriya fiziologii presnovodnykh zhyvotnykh Instituta
biologii vodokhranilishch AN SSSR, Borok, Yaroslavskoy
oblasti. Vop ikht. 1 no.4:737-744 '61. (MIRA 14:12)
(Fishes--Food)
(Metabolism)

BODROVA, N.V.; KRAYUKHIN, B.V.

Mechanism of the effect of electrical current on fish. Fiziol.
zhur. 47 no.7:913-917 J1 '61. (MIRA 15:1)

1. From the Laboratory of Fresh-water Fauna, U.S.S.R. Academy
of Sciences Institute of Water Storage Reservoir Biology, Moscow.
(FISHES...PHYSIOLOGY) (ELECTROPHYSIOLOGY)

GOMAZKOV, O.A.; KRAYUKHIN, B.V.

Role of the vagus nerve in the regulation of digestive processes
in fish. Fiziol. zhur. 47 no.10:1283-1288 0 '61. (MIRA 15:1)

1. From the Laboratory of Physiology Fresh-water Animals Institute
of Biology in Water Reservoirs of the U.S.S.R. Academy of Sciences,
Borok.

(VAGUS NERVE) (DIGESTION)

KRAYUKHIN, Boris Vladimirovich; KHITIN, B.S., glav. red.; SHTEGMAN, B.K., red.; PUKHAL'SKAYA, L.F., red. izd-va; VINGRADOVA, N.F., tekhn. red.

[Physiology of digestion of freshwater bony fishes] Fiziologiya pishchevarenia presnovodnykh kostistykh ryb. Moskva, Izd-vo AN SSSR, 1963. 137 p. (MIRA 16:10)
(Fishes, Freshwater--Physiology) (Digestion)

KRAYUKHIN, B.V.

Structure and innervation of the digestive tract in burbot.
Trudy Inst. biol. vodokhran. no.5:110-123'63.
(BURBOT) (ALIMENTARY CANAL — INNERVATION)

GOMAZKOV, O.A.; KHAYUKHIN, B.V.

Role of the pneumogastric nerve in the regulation of digestive
processes in fishes. Trudy Inst. biol. vodokhran. no.5:124-
131:63. (MIRA 16:8)
(DIGESTIVE ORGANS—FISHES) (VAGUS NERVE)

BODROVA, N.V.; KRAYUKHIN, B.V.

Basic results of the study of fish physiology. Trudy Inst.
biol.vnutr.vod. no.9:39-47 '65.

(MIRA 19:1)

KRAYUKHIN, G.A.

Line machining of parts in Leningrad plants. Trudy LPI no.244:
66-73 '65. (MIRA 18:5)

KRAYUKHIN, P., inzhener.

Note on truck and bus varieties. Avt.transp.33 no.1:35 Ja'55.
(Motor truck)(Motorbuses) (MLBA 8:3)

TROYANOV, I.A.; BEKHER, R.M.; KR/ YUKHINA, N.N.; SHEYN, I.A.; MYSHKINA, N.P.

Sorption removal of organic substances from waste waters. Khim.
nauka i prom. 2 no.5:672 '57. (MIRA 10:12)

1. Rubezhanskiy filial nauchno-issledovatel'skogo instituta
poluproduktov i krasiteley.

(Sewage--Purification)
(Sorption)

BEKHER, P.M.; KOGANOVSKIY, A.M.; KRAYUKHINA, N.N.; MYSHKINA, N.P.; TARAN,
P.N.; TROYANOV, I.A.; SHEYN, S.M.

Adsorption removal of aromatic compounds from the waste waters of
aniline dye production. Ukr. khim. zhur. 27 no.2:268-273 '61.

(MIRA 14:3)

1. Institut obshchey i neorganicheskoy khimii AN USSR i Rube-
zhanskiy filial Nauchno-issledovatel'skogo instituta organi-
cheskikh poluproduktov i krasiteley.

(Salvage(Waste, etc.))

(Aromatic compounds)

KRAYUKHINA, V.N., promyshlennno-sanitarnyy vrach

Hygienic evaluation of work conditions in shops experimenting with shell molding. Gig. & san. 23 no.3:78-80 Mr '58. (MIRA 11:4)

1. Iz sanitarno-epidemiologicheskoy stantsii Kalininskogo rayona Moskvy.

(INDUSTRIAL HYGIENE
in foundries)

USSR/Human and Animal Physiology (Normal and Pathological).
Blood. General Problems

T-4

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50647

Author : Krayukhina, Z.M.

Inst : Odessa Farm Institute.

Title : Changes in the Biologic Activity of Horse Blood Resulting
from Mechanical Work.

Orig Pub : Tr. Odessk. s.-kh. in-ta, 1955, 7, 205-211.

Abstract : N. abstract.

Card 1/1

GRIGOR'YEV, N.V.; KOROLEVSKIY, D.N.; FRENKEL', G.L.; KRAYUR, V.S.,
redaktor; DOTSENKO, A.A., tekhnicheskiy redaktor. ~~_____~~

[Sailing] Parusnyi sport. Moskva, Gos.izd-vo "Fizkul'tura i
sport," 1955. 358 p. (MLRA 8:12)
(Sailing)

KLYUCHENKO, G. V., V. A. KRYVORUK, M. S. KRIVONOS, and M. V. KRYVONOS

Using Metal-Colloidal Lubricants (Control of Iron) for the Prolonging-In of Automobile-Motor Parts.

Izvsheniya iznosostoykosti i sproka sluzhby mashin. t. 2 (Increasing the Wear Resistance and Extending the Service Life of Machines. v. 2) Kiev, Inst-vo in. Shkoly, 1972. 290 p. 3,000 copies printed. (Series: Ser. 1972, 1. 2)

Sponsoring Agency: Vsesoyuznyy nauchno-issledovatskiy tsentr mashinostroyeniya i avtomobil'stroyeniya. Central'nyy i Kiev'skiy nauchno-issledovatskiy tsentr. Institut tekhnicheskoy mekhaniki AN Ukr. R.

Editorial Board: Pres. Ed.: I. S. Svirin; Deputy Pres. Ed.: M. S. Krivonos; I. I. Ivanov, I. D. Boyarman, I. V. Kravchuk; Scientific Secretary: M. S. Kravchuk; Ed. of v. 2: Ya. A. Kravchuk; Tech. Ed.: M. I. Kishinev.

NOTE: The collection contains papers presented at the Third Scientific Technical Conference held in Kiev in September 1972 on "Problems of Increasing the Wear Resistance and Extending the Service Life of Machines." The conference was organized by the Institut stroitel'noy mekhaniki i mashinostroyeniya (Institute of Structural Mechanics of the Academy of Sciences of the Ukrainian SSR), and by the Kiev'skiy nauchno-issledovatskiy tsentr mashinostroyeniya i avtomobil'stroyeniya (Kiev Scientific Center of the Academy of Sciences of the Ukrainian SSR).

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S/653/61/000/000/033/051
I042/I242

11.9800

AUTHORS: Barabash, M.L., Korogodskiy, M.V., and Krayushkin, A.S.

TITLE: Metal polymer films on the frictional surfaces of components

SOURCE: Plastmassy v mashinostroyeni i priborostroyeni.
Pervaya resp. nauch.-t-kh. konfer. po vopr. prim.
plastmass v mashinostr. i priborostr., Kiev, 1959.
Kiev, Gostekhizdat, 1961, 359-366

TEXT: The addition of 0.1% iron particles improves the effectiveness of lubricants. A large number of these particles reorients the oil molecules in such a manner as to create a resilient boundary layer. The particles, in addition, tend to fill in and smooth out the surface microroughness. Still, the non-uniform distribution of lubricant creates points of friction which affect the

Card 1/2

S/653/61/000/000/033/051
I042/I242

Metal polymer films on the....

performance of the entire machine. A new method of lubrication by coating surfaces with a film which has high adhesion to metal and a low coefficient of friction has been proposed. Such films consist of glyphthalic lacquer or 9A-6 (ED-6) epoxide resin with dibutyl phthalate plasticizer and polyethylene polyamine hardener, and contain 2.5% finely dispersed iron particles. Before application of the film, the surface must be thoroughly degreased and, in case of the epoxide resin, rubbed with activated graphite. The epoxide film gave better results in laboratory tests. Field tests on piston surfaces in automobile engines showed that the film coat cuts down by a factor of 3 the amount of gases escaping into the crankcase. After 50 000 km the film was used up but no wear was detected on the piston or cylinder surfaces. There are 4 figures.

Card 2/2

KRAYUSHKIN, I.F., inzhener; MAZUROV, D.Ya., inzhener

Automatic method of determining the dust content in rotary kiln
flue gases. TSement 21 no.4:24-25 Ag'55. (MLRA 8:11)
(Kilns, Rotary)

KRAYLSHEIN, P. P. AND ONEGOV, A. P. Zoohygiene. Moscow. Agricultural Publishing House, 1952. 350 pages with illustrations. Price 5 rubles, 60 kopeks, bound. 50,000 copies. (Textbooks and School Material for Higher Agricultural Technical School.)

So: Veterinariya; 30; (3); March 19 3; Uncl.
TABCON

SLEPUSHKIN, Ye.I.; BURDIN, V.M.; KRAYUSHKIN, S.V.; MOLGACHEV, D.A.;
Prinimali uchastiye: MAKEYEV, I.F., SHCHITOVA, V.M.

Experimental investigation of magnetoelastic dynamometers used
in measuring metal pressure on rolling-mill rolls. Sbor. trud
TSNIIGHM no.30:129-135 '63. (MIRA 16:10)

(Dynamometer)

ZOLOTUKHIN, V.V.; KRAYUSHKIN, V.A.

Using the FED camera for microscopic work. Zap.Vses.min.ob-va
85 no.4:591-592 '56. (MLRA 10:2)

1. L'vovskiy filial Akademii nauk USSR.
(Photomicrography)

KRAYUSHKIN, V.A. [Kraushkin, V.O.]

Vertical migration and accumulation of natural hydrocarbons
in chains of connected traps. Geol. zhur. 18 no.6:61-69
'58. (MIRA 12:1)

(Petroleum geology)

KRAYUSHKIN, V. A.: Master Geolog-Mineralog Sci (diss) -- "The structural conditions and accumulation of oil and gas in the Bitkov deposit". L'vov, 1959.
16 pp (Min Higher Educ, L'vov Polytech Inst), 150 copies (KL, No 1², 1959, 122)

3(5) PHASE I BOOK EXPLOITATION SOV/2302
Akademiya nauk Ukrainy SSR. Institut geologii poleznykh iskopayemykh

Problema migratsii nefti i formirovaniya neftevykh i gazovykh skopleniy: Materialy Lvovskoy diskussii 8-12 maya 1957 g. (Problems of Oil Migration and the Formation of Oil and Gas Accumulations: Materials of the Discussion Held in Lvov, May 8-12, 1957) Moscow, Gosoptekhnizdat, 1959. 422 p. 1,100 copies printed.

Eds.: V. B. Porfir'yev, Academician of the Ukrainian SSR Academy of Sciences, and I. O. Brod, Professor; Eds.: P. R. Yeranov, Tech. Ed.: A.S. Polozina; Editorial Board: I.O. Brod, Professor, K.R. Ladyzhenskiy, and V.B. Porfir'yev, Academician of the Ukrainian Academy of Sciences.

PURPOSE: This collection of articles is intended for a wide range of geologists and research workers interested in oil problems.

COVERAGE: Articles contained in this book deal with the problems of migration and accumulation of oil and gas. These problems were discussed in May 1957 at Lvov State University in I. Franko at a meeting organized jointly by the Institute of Geology and Mineral Resources, Academy of Sciences of the USSR, the Department of Geology and Oil Exploration of the Lvov Polytechnic Institute, and the Lvov Geological Society. Theories on the origin of petroleum deposits and the conditions surrounding their occurrence are treated. There are 37 references: 232 Soviet, 80 English, 5 French, and 4 German.

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KRAYUSHKIN, Vladilen Alekseyevich; PORFIR'YEV, V.B. [Porfir'iev, V.B.],
akademik, otv. red.; CHEKHOVICH, N.Ya. [Chekhovych, N.Ya.], red.;
MATVIICHUK, O.O., tekhn. red.

[Gas and oil accumulations in the Bitkov fields] Akumuliatsiia nefti
ta gazu Bytkivs'komu rodovishchi. Kyiv, Vyd-vo Akad. nauk URSR,
1961. 90 p. (MIRA 14:9)

1. Akademiya nauk URSR (for Porfir'yev).
(Ukraine—Gas, Natural—Geology) (Ukraine—Petroleum geology)

KRAYUSHKIN, V.A. [Kraiushkin, V.O.]

Structural conditions of the formation of the Bitkov oil and gas fields. Pratsi Inst. geol. kor. kop. AN URSR 3:39-55 '61.

(MIRA 16:7)

(Bitkov region---Petroleum geology)
(Bitkov region---Gas, Natural---geology)

KRAYUSHKIN, V.O.

Time of oil accumulation and paleorelief of Dolina fields.
Pratsi Inst. geol. kor. kop. AN URSR 4:38-44 '61. (MIRA 16:7)

(Stanislav Province--Petroleum geology)

KRAYUSHKIN, V.A. [Kraiuskin, V.O.]

Using moving waters in an analytical study of the relationships of the incline of water-oil contacts. Dop. AN URSR no.8:1107-1110 '63. (MIRA 16:10)

1. Institut geologii goryuchikh iskopayemykh AN UkrSSR.
Predstavleno akademikom AN UkrSSR V.B. Porfir'yevym
[Porfir'iev, V.B.]
(Oil reservoir engineering)

KHAYUSHKIN, V.A. [Kraiuskin, V.O.]

Time of the formation of the petroleum deposit in the Borislav underthrust. Dop. AN URSSR no.12:1621-1625 '61. (MIRA 16:11)

1. Institut geologii goryuchikh iskopayemykh AN UkrSSR.
Predstavleno akademikom AN UkrSSR V.B. Porfir'yevym
[Porfir'iev, V.B.].

KRAMSEKIN, V.A., KAZAKOV, S.B.; ANDRUSECHKO, V.I.

Spectrographic investigation of petroleum salts obtained from
the menilite series of the Dolina field. Neftegaz, geol. i
geofiz. no.4:58-62 '63 (MIRA 11:7)

1. L'vovskiy institut geologii i poleznykh iskopayemykh AN
UkrSSR i Neftepromyslovoye upravleniye "Dolinasol'".

KRATUCHILIN, V.A. [Kratuchilin, V.A.]; KUZNETSOV, V.I.; DUBOVA, Ye.Ye. [Dubova, Ye.Ye.]

Ash content in oils of the Novo-Litkov anticline. Dep. All USSR no.12:
1629-1638 '63. (NIIA 17:9)

1. Inhibition of oil and gas seepage from the Novo-Litkov anticline. Presented
at the 1st All-Union Conference on the Geology of the USSR, Novosibirsk, 1963.

KRAYUSHKIN, V.A. [Kraushkin, V.O.]; KAZAKOV, S.B.; ANDRUSECHKO, V.I.

Ash from the Menilite series in the Dolina field containing oils.
Dop. AN URSR no.1:102-104 '64. (MIRA 17:4)

1. Institut geologii goryuchikh iskopayemykh AN UkrSSR. Predstavleno akademikom AN UkrSSR V.B.Porfir'yevym [Porfir'iev, V.B.].

KRAYUSHKIN, V.A. [Kraiushkin, V.O.]

Optical activity of Novo-Bitkov oils. Dop. AN URSR no.4:529-532
'64. (MIRA 17:5)

1. Institut geologii goryuchikh iskopayemykh AN UkrSSR. Predstav-
leno akademikom AN UkrSSR V.B.Porfir'yevym [Porfir'iev, V.B.].

KRAYUSHKIN, V.A. [Kraiuskin, V.O.]; KAZAKOV, S.B.; POVKHOVICH, V.I.
[Povkhovich, V.I.]

Trace metals in the oils from the Menilite series of the Borislav
undertrust. Dop. AN URSR no.3:354-358 '65.

(MIRA 18:3)

1. Institut geologii i geokhimii goryuchikh iskopayemykh AN UkrSSR.

SHKREBTA, G.P. [Shkrebta, H.P.]; KRAYUSHKIN, V.A. [Krayushkin, V.G.];
PORTNYAGINA, L.A. [Portnyagina, L.O.]

Sporae and pollen in the oils of the Carpathian oil fields. Dop.
AN URSSR no.61746-748 '65. (MIRA 18:7)

I. Institut geologii i geokhimi goryuchikh iskopayemykh AN Ukr-SSR.

KRAYUSHKIN, V.A. [Kraiushkin, V.O.]

Trace elements in the Eocene oils of the Dolina oil field. Dop.
AN URSSR no.7:911-914 '65. (MIRA 18:8)

1. Institut geologii i geokhimi goryuchikh iskopayemykh AN
UkrSSR.

AB. ZLUBKIN, V.O.; OSADCHYI, V.G. [Osadchyi, V.H.]

Rock salt in the rocks of Carpathian Flysch. *Geol. zh.* 25
no. 3:89-95 195. (U.S.S.R. 1956)

1. Institut geologii i geokhimii poryuchikh tektonicheskikh
U.S.S.R.

KRAYUSHKIN, V.O.

New studies of the oil potential and formation of the Biktov oil field. Pratsi Inst. geol. kor.Kop. AN URSR 1:87-93 '59.

(MIRA 14:6)

(Bitkov region--Petroleum geology)