

KURIS'KO, A.

New type of finishing for highway tunnels. Avt. dor. 22  
no.5:21 My '59. (MIRA 12:8)  
(Tunnels)

KURIS'KO, A.S.

PHASE I BOOK EXPLOITATION

SOV/4903

Arkhangel'skiy, Mikhail Mikhaylovich, Dmitriy Ivanovich  
Dzhincharadze, and Arkadiy Stepanovich Kuris'ko

Raschet tunnel'nykh obdelok (Calculation of Tunnel Linings)  
Moscow, Transzheldorizdat, 1960. 344 p. 3,000 copies printed.

Ed.: P. M. Zelevich, Engineer; Tech. Ed.: Ye. N. Bobrova; Ed.  
(title page): M. I. Dandurov, Professor, Corresponding Member,  
Academy of Construction and Architecture USSR.

PURPOSE: This book is intended for students in transportation and  
other departments of Soviet schools of higher education.

COVERAGE: The book presents problems in the calculation of tunnel  
linings for ensuring economical construction. The authors dis-  
cuss loads acting on the tunnel lining, calculation of concrete  
linings by methods developed by S. S. Davydov and Metrogiprotrans  
(State Subway Design, Planning, and Research Institute), and con-  
struction and calculation methods for block lining. Detailed

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Calculation (Cont.)

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examples for the calculation of different types of linings are given. Ch. I (except Secs. 4 and 8) and Sec. 17 of Ch. III were written by Docent M. M. Arkhangel'skiy. Chs. II, III, (except Sec. 17), and IV and Secs. 4 and 8 of Ch. I were written by A. S. Kuris'ko. Ch. V was written by Candidate of Technical Sciences D. I. Dzhincharadze. The following personalities are mentioned as having contributed to this field: O. Ye. Bugayeva, whose design method is included in the book, G. G. Zurabov, Academician B. G. Galerkin, Professor S. S. Davydov, and S. A. Orlov, Candidate of Technical Sciences. There are no references.

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KURIS'KO, A.S. (Tbilisi)

Designing anchor timbering. Osn., fund. i mekh. grun. 3  
no.1:19-20 '61. (MIRA 14:3)  
(Tunneling)

KURIS'KO, A.S., inzh.

Follow-up of the comment of Engineers P.D. Kiikov and V.S. Petrov  
on Candidate of Technical Sciences A.M. Piatkin's article.  
Shakht. stroi. 5 no.7:24-25 JI '61. (MIRA 15:6)

1. Kavkazskiy gosudarstvennyy inzhenerno-proyektnyy  
institut transportnogo stroitel'stva.

(Mine roof bolting)  
(Kiikov, P.D.) (Petrov, V.S.)

SOV/124-58-1-503

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 1, p 61 (USSR)

AUTHORS: Kurits, A. A., Simson, A. E.

TITLE: How to Increase the Power of Compression-ignition Engines (Puti povysheniya moshchnosti dvigateley s vosplameneniyem ot szhatiya)

PERIODICAL: V sb. : Povysheniye moshchnosti dvigateley s vosplameneniyem ot szhatiya. Moscow, Mashgiz, 1954, pp 123-142

ABSTRACT: The authors examine the limits of the rational use of various schemes of low-pressure turbosupercharging for compression-ignition engines in which the thermal stress and the maximum combustion pressure are nearly constant. The investigation is conducted for an exhaust-gas turbosupercharger system in which the backpressure in the exhaust pipe ahead of the turbine is either variable or constant. Utilizing a parabolic variation of the pressure of the gas in the exhaust manifold, corresponding to a linear variation of the flow velocity, the authors derive approximate equations for the determination of the effectiveness of the turbosupercharger. Formulas are also obtained for the mean indicator and effective pressures. The analysis of the results of various schemes of turbosupercharging in four- and two-stroke

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SOV/124-58-1-503

How to Increase the Power of Compression-ignition Engines

, engines reveals that the low range of turbosupercharging (up to 2 kg/cm<sup>2</sup>) does not require any structural changes in modern engines and yet can accomplish a worthwhile increase over their unsupercharged power, namely, by about 100% in four-stroke engines and about 40% in two-stroke engines.

B. D. Zaloga

Card 2/2

KURITS, A. (1) kand.tekhn.nauk; VERNER, N., inzh.; SIMSON, A., kand.  
tekhn.nauk

Modernization of diesel locomotive engines. Zhel.dor.transp.  
36 no.3:51-53 Mr '55. (MIRA 12:5)  
(Diesel locomotives)

*Kurits, Aleksandr Artyevich*

PHASE I BOOK EXPLOITATION

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Glagolev, Nikolay Matveyevich, Professor; Kurits, Aleksandr Artyevich;  
Vodolazhchenko, Vitaliy Vasil'yevich; and Bartosh, Yevgeniy Tarasovich,  
Candidates of Technical Sciences

Teplovoznnyye dvigateli i gazovyye turbiny (Diesel and Gas-turbine Locomotive  
Engines) Moscow, Transzheldorizdat, 1957. 463 p. 10,000 copies printed.

Ed.: Girshberg, N. M., Candidate of Technical Sciences; Tech. Ed.: Bobrova, Ye. N.

PURPOSE: This book is approved by the USSR Ministry of Higher Education as a text-  
book for institutes of railroad transportation. It may also be useful to  
engineers specializing in internal combustion engines, and gas turbines.

COVERAGE: The book deals with basic theory and design in the construction of the  
modern diesel and gas-turbine locomotives. The following subjects are  
discussed: working processes and cycles, engine dynamics, principle of work,  
economy and performance characteristics, automation of control systems,  
engine output control, locomotive operation, and safety. In addition to these  
topics the author also gives a brief history of the development and uses

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Diesel and Gas-turbine (Cont.)

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of internal combustion engines and gas turbines. The author claims that gas-turbine engines require less time to develop full power capacity than steam turbine engines. He also claims that aircraft gas turbines are able to develop full power capacity within 1.5 to 2 minutes, and that gas turbines in the aircraft industry are fully understood and are widely used on many types of aircraft. According to the author, the 1956 statistics show that Soviet gas turbine engines, not considering those used in aircraft, are able to develop power of about one million hp. A special chapter is devoted to discussion of free-piston gasifiers and prospects for their development and use. The author states that the Voroshilov Diesel Engine Locomotive Plant has developed a free piston-and-turbine compound locomotive engine with a capacity of 6,000 hp. and an efficiency of 29.4 percent. The book contains numerous tables, graphs, diagrams and detail drawings of various types of Soviet and foreign internal combustion engines and gas turbines. There are 84 references of which 82 are Soviet and 2 English.

Card 2/12

KURITS, A.A., kand. tekhn. nauk.

Technical and economic reasons for the development of diesel  
locomotive engine manufacture. Zhel. dor. transp. 40 no.12:40-43  
D '58. (MIRA 12:3)

(Diesel locomotives)



KURITS, A.A., kand.tekhn.nauk; SIMSON, A.E., inzh.; GRINSBERG, F.G., inzh.

Characteristics of D50 engines. Trudy KHIIT no.35:118-137 '60.  
(Diesel engines) (MIRA 13:10)

KURITS, A.A., dotsent

Problems in the development of diesel engine power series.  
Trudy KHIIT no.46:89-99 '61. (MIRA 15:12)

1. Khar'kovskiy institut inzhenerov zheleznodorozhnogo transporta.  
(Diesel engines---Design and construction)

KURITS, A.A., dotsent, kand.tekhn.nauk

Automatic control of water and oil temperature as a means of  
increasing the motive power resources of diesel engines. Trudy  
KHIIT no.50:59-65 '61. (MIRA 15:12)  
(Diesel engines--Cooling) (Automatic control)

KURITS, A.A., kand. tekhn. nauk; ZASLAVSKIY, G.N., inzh.

Investigating the pressure charging system of the D50 engine  
in connection with the increase of its power (up to 1200  
h.p.). Sbor. nauch. st. KHIIT no.63:13-20 '62.  
(MIRA 16:11)

KURITS, Aleksandr Ariyevich; VODLAZHCHENKO, Vitaliy Vasil'yevich;  
GRINSBERG, Filipp Grigor'yevich; KOZENBLIT, Gennadiy  
Borisovich; SIMSON, Al'fred Eduardovich; NAYDENKO, O.A.,  
kand. tekhn. nauk, retsenzent; RABOVSKIY, V.V., inzh.,  
retsenzent; VOLKOVICH, G.F., retsenzent; ZAKHARENKO, B.A.,  
kand. tekhn. nauk, nauchn. red.; NIKITINA, R.D., red.;  
SHISHKOVA, L.M., tekhn. red.

[Diesel engines on ships with electric propulsion] Dizeli na  
sudakh s elektrodvizeniem. [By A.A. Kurits i dr. Leningrad,  
Sudpromgiz, 1963. 276 p. (MIRA 17:1)

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16

AUTHOR: Vodolazhchenko, V. V. (Candidate of technical sciences); Kurits, A. A. (Candidate of technical sciences); Kuznetsov, T. F. (Candidate of technical sciences); Shedey, A. I. (Candidate of technical sciences); Zaslavskiy, G. N. (Engineer); Plakhtyurin, V. M. (Engineer)

14B

TITLE: Increasing the economy of type D50 diesels

SOURCE: Moscow. Vses. n.-i. inst. zh.-d. transporta. Vestnik, no. 6, 1964, 25-27

TOPIC TAGS: industrial equipment, diesel engine, turbocompressor/D50 diesel, TK-30 turbocompressor

Abstract: Measures are listed which may be taken to increase the efficiency of the D50 diesel. Carrying out these measures will increase the efficiency of supercharging, and also improve gas distribution and carburation by reducing the specific effective fuel consumption by 20 grams per effective horsepower hour. This will place D50 diesels (with respect to economy) among modern locomotive diesels. The necessary structural changes in the

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L 6912-66

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piston bottom, distributor shaft exhaust cans, fuel pump delivery valve and can, injector nozzle, and also in the installation of type TK-30 turbo-compressors may be carried out both on newly produced diesels and on those in operation without impairing the interchangeability of mass produced units and components. The use of high temperature cooling, raising the efficiency of supercharging and several other measures make it possible to count on the potential for a further increase in the efficiency of the D50 diesel. A saving of 8-10% in fuel in a locomotive with 1000 hp represents an economy of 80-100 tons of fuel per year per locomotive, so that the money spent in modernization of the locomotive fleet will be paid back in less than a year. There will be no increase in the cost of diesel production in carrying out these measures. Orig. art. has: 1 figure and 2 graphs. 2

ASSOCIATION: Khar'kovskiy institut inzhenerov zheleznodorozhnogo transporta (Khar'kov Institute of Railroad Transport Engineers)

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JPRS

Card 2/2 *rdk*

GLAGOLEV, Nikolay Matveyevich; KURITS, Aleksandr Ariyevich;  
VODOLAZHCENKO, Vitaliy Vasil'yevich; BERTOSH, Yevgeniy  
Tarasovich; SAZONOV, A.G., red.

[Internal combustion engines and gas turbines for diesel  
locomotives] Teplovoznyye dvigateli vnutrennego sgoraniya  
i gazovye turbiny. Izd.2., perer. Moskva, Transport,  
1965. 400 p. (MIRA 18:6)

ZHOZISHSKIY, I.I., kand.tekhn.nauk; KRASNOVSKIY, R.O., kand.tekhn.nauk;  
LUK'YANCHUK, P.M., inzh.; KURITS, F.K., inzh.

Roofing for industrial buildings from gas-ash silicate.

Prom.stroi. 43 no.12:33-35 '65.

(MIRA 18:12)

GOKHSHEYN, David Petrovich; VERKHIVKER, Grigoriy Petrovich; KURITS,  
S.Ya., red.; SHIKIN, S.T., tekhn.red.; LARIONOV, G.Ye., tekhn.red.

[Problem of increasing the efficiency of steam power plants]  
Problema povysheniia K.P.D. paroturbinnnykh elektrostantsii.  
Moskva, Gos.energ.izd-vo, 1960. 206 p. (MIRA 13:11)  
(Steam power plants)

KURITS, S.Yu., inzh.; KARASEV, V.I., inzh.

Using the hydrostatic level to repeat results of factory welding of the PVK-150 turbine in assembling a State Regional Electric Power Plant. Energ. stroi. no.3:21-24 (13), 1960. (MIRA 14:9)

1. Moskovskiy filial instituta "Orgonergostroy".  
(Turbines--Welding)

KURITS, S. Ya., inzh.

New high precision apparatus for assembling equipment. Stroi.  
truboprov. 5 no.1:25-27 Ja '60. (MIRA 13:8)  
(Gas turbines) (Liquid level indicators)

SHLYAKHIN, Pavel Nikolayevich; BERSHADSKIY, Mikhail Leonidovich;  
KURITS, S.Ya., red.; EGRUNOV, M.I., tekhn. red.

[Brief manual on steam-turbine systems] Kratkii spravochnik po  
paroturbinnym ustanovkam. Moskva, Gos. energ. izd-vo, 1961.  
127 p. (MIRA 15:2)

(Steam turbines)

KURITS, S.Ya., inzh.

Experimental "block" delivery and assembly of a gas turbine unit.  
Stroi.truboprov. 5 no.10:16-18 0 '61. (MIRA 14:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po  
stroitel'stvu magistral'nykh truboprovodov.  
(Gas turbines)



KURITS, Sergey Yakovlevich, inzh.; PASHENIN, Leonid Ivanovich, inzh.;  
CHARNY, Yuriy Semenovich, inzh.; KHRVASTOV, Yu., red.

[Use of open arrangements of compressor and pumping stations  
driven by gas turbines]Primenenie otkrytykh komponovok kom-  
pressornykh i nasosnykh stantsii s privodom ot gazovykh tur-  
bin. Moskva, VNIIST Glavgaza SSSR, reaktsionno-izd. otdel,  
1962. 47 p. (MIRA 15:12)

(Compressors) (Pumping stations)

KURITS, S.Ya., inzh.

Let's pay more attention to assembling the equipment of compressor  
stations. Stroi. truboprov. 7 no.1:3-5 Ja '62. (MIRA 16:7)

(Pipelines--Buildings and structures)

KURITS, S.Ya., inzh.

Preparation for "block" delivery of equipment for compressor  
stations on the Bukhara - Ural Mountain Region gas pipeline.  
Stroi.truboprov. 7 no.9:6-7 S '62. (MIRA 15:11)  
(Pipelines--Buildings and structures)

KURITS, S.Ya., inzh.

Improve the organization of assembly operations. Mont. i spets.  
rab. v stroi, 24 no.7:4-7 J1 '62. (MIRA 15:6)  
(Factories--Equipment and supplies)

KHURITS, Sergey Yakovlevich; NOVIKOVA, M.M., ved. red.; STAROSTINA, L.D.,  
tekh. red.

[Block installation of pipeline turbocompressors] Blochnaia postavka turbokompressornykh ustanovok magistral'nykh truboprovodov. Moskva, Gostoptekhizdat, 1963. 130 p. (MIRA 16:5)  
(Pipelines--Equipment and supplies)  
(Compressors)

KURITS, S.Ya.

Block delivery of equipment for surface structures of pipelines.  
Stroi. truboprov. 9 no.6:5-8 Je '64.

(MIRA 17:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po stroitel'stvu  
magistral'nykh truboprovodov.

KURITS, S.Ya.

Certain organizational problems in the construction of compressor  
stations. Stroi. truboprov. 10 no.1:9-11 Ja '65. (MIRA 18:4)

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KURITSINA, G.A.

Geological and petrographic characteristics of the enclosing  
formation in the northern part of the Krasnoural'sk region.  
Trudy Gor.-geol.inst.UFAN SSSR no.33:161-295 '59.

(MIRA 13:4)

(Krasnoural'sk region--Petrology)

KUMITSINA, G.A.

Hypogene kaolin, the new mineral of enclosing rocks in the Krasnou-  
ral'sk pyrite deposits. Trudy Geol. inst. Ural'sk SSR no. 42:89-  
88 '59. (MIRA 14:1)

(Sverdlovsk Province--Kaolin)

KURITSINA, G.A.;

Pyrophyllite from certain pyrite deposits of the Krasnoural'sk  
region (Central Urals). Trudy Gor.-geol. inst. UZAN SSSR  
no. 35:123-127 '60. (MIRA 14:1)  
(Krasnoural'sk region--Pyrophyllite)

KURITSINA, G.A.

Paragonite from quartz-sericite schists of the Krasnoural'sk  
deposit. Trudy Gor.-geol. inst. UPAN SSSR no. 35:129-132 '60.  
(MIRA 14:1)

(Krasnoural'sk region--Paragonite)

IVANOV, S.N.; XURITSINA, G.A.; GLEBOVSKAYA, Ye.A.

Bitumen in pyrite ores and ore-bearing rocks of the Urals. Geokhimiya  
no. 3:268-273 '61. (MIRA 14:4)

1. Gorno-geologicheskii institut Ural'skogo filiala AN SSSR,  
Sverdlovsk.

(Ural Mountains--Bitumen)

ALEKSANDROVICH, I. F.; KURITSINA, G. N.

Method for determining the glycerol content of a cellophane  
film. Khim. volok. no.6:57 '62. (MIRA 16:1)

(Glycerol) (Cellophane)

ROZENBERG, A. Ya.: KURITSINA, G. N.

Quantitative determination of the oiling preparation in silk  
by means of the SF-4 spectrophotometer. Khim. volok. no.6:  
63-64 '62. (MIRA 16:1)

(Rayon) (Spectrophotometry)



*KURITSINA, N.M.*

USSR Microbiology - Microorganisms Pathogenic to Humans and  
Animals.

7-5

- Abstr. Jour. : Ref Zhur - Biol., No 5, 1958, 19513
- Author : Chernomordik, A.D., Kuritsina, N.M., Kapul, N.M.
- Inst : -
- Title : Biological Relationship of Glanders and Blue Pyogenic  
Bacilli.
- Orig. Pub : Zh. Mikrobiol., epidemiol. i immunobiologii, 1956, (1957)  
prilozhenie, 9
- Abstract : The standard glanders antigen produced a positive RSK  
(blood serum reaction) with 4 of 14 sera against blue  
pyogenic bacilli. Three sera from glanders- infected  
horses agglutinated a number of strains of blue pyogenic  
bacilli in dilutions of 1:25-1:100 and formalinized cul-  
tures in dilutions of 1:200-1:400. A normal horse serum  
did not agglutinate these strains. These results, in  
the authors' opinion, verify the relationship between the

Card 1/2

1. KURITSINA, YE.
2. USSR (600)
4. Moving-Picture Projectors
7. Work at motion picture projection repair station, kinomekhanik, No. 10, 1952.

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

KURITSINA, Ye.

Moving-picture Projectors

Work of moving-picture apparatus repair shop. *Kinomekhanik* no. 11, 1952

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

KURITSINA, YE.

Moving-Picture Projectors

Complaints. Kinomekhanik, No. 2, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

FADEYEVA, A., strakhovoy delegat; KURITSINA, Ye., strakhovoy delegat

Concern for workers' health. Okhr. truda i sots. strakh. 5  
no.9:19 S '62. (MIRA 16:5)

1. Lezhnevskaya pryadil'no-tekstil'naya fabrika.  
(LEZHNEVO (IVANOVO PROVINCE)--TEXTILE INDUSTRY--HYGIENIC ASPECTS)

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AUTHOR(S), R. S. : ROZDOLNI, A. I.

Photo Objects.

An article found in "Optics for Military Use", Part I, published by the USSR Academy of Science, Moscow, 1945.

ANDRONNIKOV, K.S.; BALAKOV, V.V.; BUZHINSKIY, A.N.; BURAGO, A.N.; VEITMAN, L.A.; VISHNEVSKIY, A.A.; VOLOSOV, D.S.; GASSOVSKIY, L.H., professor; GERSHUN, A.A., professor; YEL'YASHEVICH, M.A.; YEVSTROP'YEV, K.S.; GUREVICH, M.M., professor; KOLYADIN, A.I.; KORYAKIN, B.M.; KURITSKIY, A.L.; PAPIYANTS, K.A.; PROKOF'YEV, V.K., professor; PUTS'NYKO, Ye.K.; REZUNOV, M.A.; RITYN', N.H.; SAVOST'YANOVA, M.V., professor; SEVCHENKO, A.N.; SEMNOV, N.I.; STOZHAROV, A.I.; FAYERMAN, G.P., professor; PEOFILOV, P.P.; TSAREVSKIY, Ye.N., professor; CHEKHMATA'YEV, D.P.; YUDIN, Ye.F.; KAVRAYSKIY, V.V., professor; VAVILOV, S.I., akademik, redaktor

[Optics in military science] Optika v voennom dele; sbornik statei. Pod red. S.I.Vavilova i M.V.Savost'ianovoi. Izd. 3-e, zanovo perer. i dop. Moskva. Vol.2. 1948. 387 p. (MIRA 9:9)

1. Akademiya nauk SSSR. 2. Sostaviteli - sotrudniki Gosudarstvennogo Opticheskogo instituta (for all except Vavilov and Kavrayskiy)
3. Voenno-morskaya akademiya (for Kavrayskiy)  
(Optics)

KURITSKIY, A. L.

USSR/Optics - Scientific Photography, K-11

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 35987

Author: Strakun, G. I., Kuritskiy, A. L.

Institution: None

Title: Special Photographic Camera with Mirror-Lens Objective

Original

Periodical: Tr. Vses. n.-i. in-ta metrologii, 1955, No 26, 75-84

Abstract: Description of photographic camera for photographing an interference pattern and a procedure for adjusting the mirror-lens apochromatic [text in error] asymmetrical objective of the camera. Methods of manufacturing asymmetrical lenses are described and certain investigation results obtained with a camera are given. The optical characteristics of the objectives are:  $F = 500$  mm,  $1:6.3$ ; field  $2\beta = 40^\circ$ . The visually-observed resolving power of the objectives over the entire field is approximately equal to the rated one (230 lines/mm), and is approximately 200 lines/mm at the center of the field. The minimum resolvable

Card 1/2



USSR/Optics - Scientific Photography, K-11

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 35987

Abstract: object corresponds to an angular magnitude on the order of 2'  
(in linear measure, approximately 20 mm from a distance of 2 km  
upon visual observation). Diagrams of the objective and of the  
camera are given.

Card 2/2

KURITSKIY, A.L., kand.tekhn. nauk.

Use of the spectrophotometer in the paper industry. Dum. prom. 33  
no.3:9-11 Mr '58. (MIRA 11:4)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tsellyuloznoy i  
bumazhnoy promyshlennosti.  
(Spectrophotometer) (Paper)

KURITSKIY, A. L.; MISYUROVA, E. P.

Complexometric method of determining calcium content of  
woodpulp. Trudy VNIIB no.47:95-102 '61.

(MIRA 16:1)

(Calcium—Analysis) (Woodpulp)

KURITSKIY, A.M.; SHPOLYANSKIY, V.A.

Approximate analysis of the dynamics of escapement regulators.  
Nauch.dokl.vys.shkoly; mash. i prib. no.1:150-162 '59.

(MIRA 12:8)

1. Stat'ya predstavlena kafedroy "Pribory tochnoy mekhaniki"  
Moskovskogo vysshego tekhnicheskogo uchilishcha im. Baumana.  
(Clocks and watches--Escapement)

KURITSKIY, A.M.; SHPOLYANSKIY, V.A.

Effect of various nonlinearities of escapements on their  
dynamic characteristics. Nacuch. dokl. vys. shkoly; mash. 1  
prib. no.2:248-260 '59. (MIRA 12:12)  
(Clocks and watches--Escapements)

KURITSKIY, A.M.; SHPOLYANSKIY, V.A.

Transient conditions and the stability of natural vibrations in  
escapement regulators. Izv.vys.ucheb.zav.; prib. 3 no.2:52-59 '60.  
(MIRA 14:4)

1. Nauchno-issledovatel'skiy institut chasovoy promyshlennosti.  
Rekomendovana kafedroy tochnoy mekhaniki.  
(Clocks and watches--Escapements)

KURITSKIY, A.M.; CHERNYAGIN, B.M.; SHPOLYANSKIY, V.A.

Current state of the theory and methods of the design of watch  
and clock mechanisms. Priborostroenie no.5:5-8 My '61.

(MIRA 14:5)

(Clocks and watches)

SHPOLYANSKIY, V.A.; KURITSKIY, A.M.; BAUTIN, N.N., doktor tekhn.  
nauk, prof., retsenzent; CHERNYAGIN, B.M., kand. tekhn.  
nauk, retsenzent; KUNAYEV, I.P., kand. tekhn. nauk,  
red.; BARANOVA, Z.S., inzh., red.izd-va; SOKOLOVA, T.F.,  
tekhn. red.

[Release controllers of timing devices] Spuskovye regu-  
liatory priborov vremeni. Moskva, Mashgiz, 1963. 463 p.  
(MIRA 17:3)



KURITSKIY, A.M.

The 2MZh miniature expedition chronometer. Priborostroenie no.2:  
23-24 F '63. (MIRA 16:5)

(Chronometer)

438

AUTHOR: Kuritskiy F.I., Engineer.

TITLE: Conference on improving the techniques and technology of production at the Works of Glavelektroapparat of the Ministry of Electro-technical Industry. (Soveshchaniye po sovershenstvovaniyu tekhniki i tekhnologii na zavodakh glavelektroapparata MEP)

PERIODICAL: "Vestnik Elektropromyshlennosti" (Journal of the Electrical Industry) 1957, Vol. 28, No. 5, pp. 78 - 80 (U.S.S.R.)

ABSTRACT: This article is a report on a conference held in December, 1956. It consists of a brief account of each of a series of reports dealing with procedures that have been adopted to improve production methods in a large number of factories. The products covered are capacitors, general electrical equipment, welding equipment. Particular processes considered include a new method of friction welding, press tool design, manufacture of plastic parts and others.  
No figures, no literature references.

S/137/62/000/002/021/144  
A006/A101

AUTHORS: Sladkoshteyev, V. T., Potanin, R. V., Akhtyrskiy, V. I., Kuritskiy, M. A., Bat', Yu. I.

TITLE: Experimental industrial unit for the continuous teeming of steel

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 2, 1962, 47, abstract 2V282 ("Sb. tr. Ukr. n.-1. in-t metallo", 1961, no. 7, 143-150)

TEXT: The authors describe an experimental industrial continuous steel-teeming unit constructed at the Ukrainian Institute of Metals. The design of this unit provides for the casting of round and square blanks, 60 - 200 mm in diameter. On the teeming platform located at 11.5 m height from the shop floor, there are: an assembled water-cooled Cu-crystallizer with a mechanism for its reciprocal displacement, and an intermediate teeming device without a stopper and with a metering zirconium nozzle of 14 - 19 mm in diameter. Directly underneath the crystallizer on a 3 m long section there are the secondary cooling sprayer unit and the guide rolls. To pull the blanks an electric-driven drawing stand is used, which makes it possible to regulate the speed of drawing the blanks within a wide range. The roll pressure on the blank may also vary from 1.0 to

Card 1/2

Experimental industrial unit ...

S/137/62/000/002/021/144  
A006/A101

5.0 tons by adjusting the springs. Below the drawing stand there is the gas-cutting cabin, which moves during the blank cutting process along vertical guides at 3.2 m pace. The cut-off blank pieces drop into the collecting device pocket where they are accumulated. The metal intended to be teemed on the unit is cast in a 1.0-ton electric furnace and is supplied to the unit in a ladle without a stopper. The ladle is lifted to the unit with the aid of a telpher line. The unit is controlled from a desk located on the teeming platform; the gas cutter and the collecting device are controlled from a second desk located in the gas cutting cabin. The unit is equipped with a control-measuring mechanism. There is a templet shop near the unit.

I. Granat

[Abstracter's note: Complete translation]

Card 2/2

S/137/61/000/012/081/149  
A006/A101

AUTHORS: Trishevskiy, I. S., Kuritskiy, M. A., Bat', Yu. I., Skokov, F. I.,  
Podol'skiy, I. Ts.

TITLE: An experimental industrial profile-bending machine of the Ukrainian  
Institute of Metals

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 12, 1961, 10, abstract 12D63  
("Sb. tr. Ukr. n.-i. in-t metallov", 1961, no. 7, 178-195)

TEXT: A technology was developed for the production of bent profiles and  
an experimental industrial profile-bending machine was designed for the shaping  
of up to 8 mm thick and up to 300 - 400 mm wide sheet metal. The type of the  
idle-stand mill is continuous > 10 with guiding rolls. The rated shaping speed  
is 18 - 20 m/min. A schematic diagram of the mill is presented and its compo-  
nents are described in detail. The strength of working rolls and stage of the  
roughing stands are calculated. The power of the mill motor is determined. In  
1959 the manufacture of some bent profiles was tested on this mill.

N. Yudina

[Abstraster's note: Complete translation]

Card 1/1

S/193/61/000/010/002/008  
A004/A101

AUTHORS: Sladkoshteyev, V.T., Candidate of Technical Sciences, Kuritskiy, M A., Shatagin, O.A.

TITLE: Continuous bronze casting on the horizontal VHMIM (UNIIM) machine

PERIODICAL: Byulleten' tekhniko-ekonomicheskoy informatsii, no 10, 1961, 11-12

TEXT. Since the methods of producing blanks from bronze and brass, cast in chills and on vacuum suction installations yield an insufficient output of serviceable castings (75-80%) and are of low efficiency, the Ukrainskiy institut metallov (Ukrainian Institute of Metals) in cooperation with the Khar'kovskiy zavod tsvetnykh metallov (Khar'kov Non-Ferrous Metal Plant) has developed an entirely new technology and designed the horizontal UNIIM machine for the continuous casting of bronze, yielding an output of serviceable blanks of 98-99%. The new technological process is characterized by the following: a graphite crystallizer heated on one end and cooled on the other is connected to the metal container and to the chamber of secondary cooling, this assembly being set into reciprocating motions by a special mechanism. The reciprocating motion prevents the blanks being cast from disrupting. To cool the blanks being cast down to 120-150°C the water flow

Card 1/2

Continuous bronze casting ...

S/193/61/000/010/002/008  
A004/A101

in the channels should not be less than 1.25 m/sec. The best material for the contact walls of the crystallizer, having a length of 180 mm, is soft electric graphite. The water consumption of the crystallizer cooling section is 2 - 3 liter/min. On the pilot horizontal UNIM casting machine round cast blanks 55 mm in diameter and up to 3.3 m long are produced from Bp OLC -555 (Br OTsS-555) bronze. Surface, macrostructure, chemical nonhomogeneity and mechanical properties of the bronze blanks meet the requirements of GOCT(GOST) 613-50. The semi-industrial horizontal casting machine under construction at the Khar'kovskiy zavod, alyuminiyevykh i bronzovykh splavov (Khar'kov Aluminum and Bronze Alloy Plant) will produce blanks 25 - 150 mm in diameter from Br OTsS-555 and Br OTsS-663 bronze. Depending on the blank diameter, the machine has a capacity of 1.24-4.6, 4.6-18.6 and up to 41.8 tons/day producing blanks of 25 - 50, 50 - 100 and 100 - 150 mm in diameter respectively. The machine overall dimensions (length x width x height) are 9.5 x 1.2 x 1.3 m; it weighs 11.2 tons. There is 1 figure

Card 2/2

19713

S/136/62/000/003/005/008

E021/E435

1.1500

AUTHORS: Sladkoshteyev, V.T., Kuritskiy, M.A.,  
Shatagin, O.A., Vartazarov, M.A.

TITLE: Continuous casting of bronze on the horizontal УННММ  
(UNIM) machine

PERIODICAL: Tsvetnyye metally, no.3, 1962, 67-74

TEXT: Production of bronze and brass billets by casting in a  
mould by normal means has the disadvantages of low production rates  
and inability to produce billets less than 60 mm in diameter or  
more than 1000 mm in length. Vertical continuous casting seemed  
unfavourable for bronze and brass with small cross sectional areas  
and therefore experiments were carried out on a horizontal  
continuous casting machine developed by the Ukrainskiy institut  
metallov (Ukrainian Metals Institute) and the Khar'kovskiy zavod  
alyuminevykh i bronzovykh splavov (Khar'kov Aluminium and Bronze  
Alloys Works). The method used is based on a graphite  
crystallization mould, induction heated at one end and cooled at  
the other, connected with a metal-reservoir and a chamber for  
secondary cooling. The whole is capable of reciprocating motion.  
Card 1/2



Continuous casting of bronze ...

S/136/62/000/003/005/008  
E021/E435

Liquid metal is fed from the metal-reservoir through the heated part of the crystallization mould into the cooled part where solidification of the metal takes place with continuous extraction of the billet by a pulling device. The main technical parameters for continuous casting of tin bronze in a round billet were worked out. The quality of the metal completely complies with specifications. A semi-industrial horizontal machine for casting round billets of 25 to 100 mm diameter has been constructed in the Khar'kov Aluminium and Bronze Alloys Works. This enables an increase in annual production of up to 98% and completely mechanizes production. Continuous casting of brass, copper and other non-ferrous metals can be carried out on a horizontal machine. There are 5 figures and 2 tables. ✓

Card 2/2

SLADKOSHTEYEV, V.T., kand.tekhn.nauk; SHATAGIN, O.A., inzh.; KURITSKIY,  
M.A., inzh.

Horizontal continuous steel casting for electric slag  
refining. Met.i gornorud.prom. no.5:20-23 S-0 '62.

(MIRA 16:1)

1. Ukrainskiy institut metallov.

(Continuous casting) (Zone melting)



ingots 60—90 and 120 mm in diameter. The ingot surface was found to  
be covered with numerous small pits and numerous

SLADKOSHCHENYEV, V.T.; SHAGAGIN, O.V.; LUKHIN, N.I.; GIGULOV, I.A.; YEREMENYKO,  
A.G.

Technology of horizontal continuous pouring of steel. Steel 24 no.9;  
795-797 S '64. (INRA 17:10)

1. Ukrainsky nauchno-issledovatskiy institut metallor.

SLADKOSHTETEV, V.T.; SHATAGIN, O.A.; KRYUKOV, B.A.; KRYUKOV, I.A.;  
KHALETSKIY, S.F.

Experiment in operating a horizontal machine for continuous  
bronze casting. TSvet. met. 38 no.2:90 P 165. (REF 18:3)

KURITSKIY, Yeliazar Isayevich; FOSHIN, Sergey Vladimirovich; ANTIK, I.V.,  
redaktor; PRIDKIN, A.M., tekhnicheskiy redaktor.

[Safety measures in electric industry plants] Tekhnika bezopasnosti  
na zavodakh elektrotekhnicheskoy promyshlennosti. Moskva, Gos.  
energeticheskoe izd-vo, 1954. 336 p. (MIRA 8:4)  
(Electric engineering--Safety measures)

KURITSKIY, Ye., inzhener.

Industrial efficiency and progressive technology in plants under  
the Office of Electrical Apparatus. Vest.elektroprom. 27 no.11:  
78-80 N '56. (MLRA 9:12)

i. Ministerstvo elektropromyshlennosti.  
(Electric machinery industry) (Technology)



KURITSKIY, Ye.I., inzhener.

Conference on improving the equipment and technology of plants  
of the Main Administration of Electric Equipment under the  
Ministry of Electric Industries. Vest. elektroprom. 28 no.5:78-  
80 My '57. (MLRA 10:6)

(Electric industries)

YURITSKIY, Yelizar Isayevich,; LINKOV, Aleksandr Vladimirovich,; TIMOKHINA,  
V.I., red.; FRIDKIN, A.M., tekhn. red.

[Safety measures in plants of the electric machinery industry]  
Tekhnika bezopasnosti na zavodakh elektrotekhnicheskoi promyshlennosti.  
Moskva, Gos. energ. izd-vo, 1958. 439 p. (MIRA 11:12)  
(Electric machinery industry--Safety measures)

KURITSKIY, Yelizar Isayevich; KRASHOVSKIY, Abram Adol'fovich; VAYNTSVAYG,  
G.Ye., red.; ZUYEVA, N.K., tekhn. red.

[Industrial hygiene in gas welding and cutting] Gigena truda gazosvarshchika i gazorezchika. Moskva, Medgiz, 1960. 30 p.  
(MIRA 15:1)

(Gas welding and cutting--Hygienic aspects)

KURITSKIY, Yelizar Isayevich; SAVEL'YEV, V.I., red.; LARIONOV, G.Ye.,  
tekh. red.

[Safety engineering in the electric equipment industry;  
manufacture of electrical machines, apparatus, and devices]  
Tekhnika bezopasnosti na zavodakh elektrotekhnicheskoi pro-  
myshlennosti; proizvodstvo elektricheskikh mashin, apparatov  
i priborov. Izd. 3., perer. Moskva, Gosenergoizdat, 1963.  
271 p. (MIRA 16:7)  
(Electric equipment industry--Safety measures)

KURITSYN, A.

Decorative photographs. Sov. foto 19 no.10:67-68 0 159.  
(MIRA 13:1)

(Photographs on porcelain)

RUDNITSKIY, N.M.; ZIL'BERG, Yu.Ya., kand. tekhn. nauk,  
retsensent; KURITSYNA, A.D., kand. tekhn. nauk,  
retsensent; KOZLOVSKIY, I.S., kand. tekhn. nauk, red.

[Materials for sliding bearings used in motor vehicles  
and tractors] Materialy avtotraktornykh podshipnikov  
skol'zheniya. Moskva, Mashinostroeniya, 1965. 163 p.  
(MIRA 18:7)

SUKHORUKOV, V.Ya.; NEMOV, A.; KURITSYN, A.L., dorozhnyy master (Yaroslavl'); NAYMUSHIN, A.A.; VARNAKOV, I.A., kursant (g.Uglich); ALEKSEYEV, Ya.V., mostovoy master (stantsiya Belev, Moskovskoy dorogi); CHIGRINOV, A.P.

Letters to the editor. Put' i put.khoz. 4 no.3:45 Mr '60.  
(MIRA 13:5)

1. Nachal'nik otdela mekhanizatsii sluzhby puti, Smolensk (for Sukhorukov). 2. Brigadir puti, stantsiya Penza III, Kuybyshevskoy dorogi (for Nemov). 3. Starshiy dorozhnyy master, g.Sevastopol' (for Naymushin). 4. Dorozhnyy master, raz'yezd 225-go kilometra, Kazakhskoy dorogi (for Chigrinov).  
(Railroads)

KURITSYN, D.A.

Clinical epidemiological characteristics of secondary scarlet fever in patients treated and not treated with penicillin in the primary disease. Trudy LSGMI 32:72-78 '57. (MIRA 12:8)

1. Kafedra epidemiologii Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav.kafedroy - prof.V.A.Bashenin).

(SCARLET FEVER

recur. statist. (Rus))

(PENICILLIN, ther. use

recur. statist. (Rus))



KURITSIN, P. P.,

AUTHOR: An Editorial note on p 18 is followed by contributions to the discussion by a number of authors.

TITLE: Discussion on the Design of Medium and Low Output Industrial Power Stations (Diskussiya po voprosu proyektirovaniya promyshlennykh elektrostantsiy sredney i maloy moshchnosti)

PERIODICAL: Promyshlennaya Energetika, 1958, Nr 6, pp 18-33 (USSR)

ABSTRACT: Editorial note p 18

The unsatisfactory position in the equipment, design and construction of small and medium industrial power stations is seriously retarding power development. In Promyshlennaya Energetika, 1956, Nr 9, M. I. Levrov published an article for discussion on this subject. We must agree with Lavrov that the standard designs issued by Promenergoprojekt are unsatisfactory and new types of industrial Heat and Electric power stations are required. Small, costly, inefficient power stations are displacing small and medium heat and electric power stations simply because these latter are too big and complicated. Small and medium power stations should be cheap and simple and their design should be thoroughly reviewed. Industrial gas turbines should be introduced. In the discussion published below there are no contributions from Works making power equipment and they and staff of Councils of National Economy are asked to join in.

94-58-6-12/19

Discussion on the Design of Medium and Low Output Industrial Power Stations

be used for power stations of 8 - 12 MW. Unit feed lines are desirable, but there should be automatic connection of spare feed pumps. Fuel handling equipment can be simplified. The standards of the Boiler Inspectorate should be simplified.

Kuritsyn F. F. pp 23-29

It is most important to estimate industrial loads correctly or the station will be underloaded, alternative forms of power and heat supply should be fully considered. Existing constructional standards are in urgent need of revision and are retarding the work of design organisations. Not enough attention is paid to the demands of the final customer. In Light Industry during the 5th Five Year Plan not a single project put up by TEP and Promenergoprojekt for power stations passed without important changes of output or construction and in some cases they were rejected outright. A number of industrial power stations started up in the last few years are only running on half load.

Card  
341

TORIKOV, L.P.; KURITSYN, G.V.

Hardening slitting cutters with high-frequency current. Sbor.rats.  
predl.vnedr.v proizvod. no.5:42 '60. (MIRA 14:8)

1. Revdinskiy metizno-metallurgicheskiy zavod.  
(Induction heating)

ULITIN, M.N., kandidat tekhnicheskikh nauk; KURITSYN, I.G.

Vibration boring of small-diameter holes. Avt. i trakt.prom. no.1:  
36-38 Ja '56. (MIRA 9:6)

1.Moskovskiy avtomekhanicheskiy institut i Nauchno-issledovatel'skiy  
institut Traktorosel'khoz mash.  
(Drilling and boring)

KUZNETSOVA, Zoya Vladimirovna; KURITSYN, Igor' Ivanovich; OSORGIN,  
A.V., retsenzent; HAZARENKO, I.M., retsenzent; GLADYSHEVA,  
Ye.H., otv. red.; POPOVA, G.Z., otv. red.; KOROTKOVA, Ye.A.,  
red.; ALFEROVA, P.F., tekhn. red.

[Semipalatinsk Province; economic and geographical features]  
Semipalatinskaja oblast'; ekonomiko-geograficheskaja kharakte-  
ristika. Alma-Ata, Izd-vo AN KazSSR, 1961. 213 p.

(MIRA 15:7)

(Semipalatinsk Province---Economic geography)

KURITSYN, Ivan Vasil'yevich; YEVDOKIMOV, V.D., red.; SALAZKOV,  
N.P., tekhn.red.

[Labor productivity in repair and construction work;  
methods for measurement and planning] Proizvoditel'nost'  
truda na remontno-stroitel'nykh rabotakh; metodika izme-  
renia i planirovaniia. Moskva, Izd-vo M-va kommunal'nogo  
khoziaistva RSFSR, 1963. 58 p. (MIRA 16:11)  
(Building--Repair and reconstruction)  
(Labor productivity)

VOROB'YEV, N.K.; KURITSYN, I.V.; VARENKOVA, G.K.

Heat of mixture of aniline and benzoyl chloride with some  
organic solvents. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 8  
no. 4: 592-596 '65. (MIRA 18:11)

1. Ivanovskiy khimiko-tekhnologicheskiy institut, kafedra  
fizicheskoy i kolloidnoy khimii.

KURITSYN, L.V.; VOROB'YEV, N.K.

Kinetics of high-rate reactions in nonaqueous media studied by  
the potentiometric method. Izv.vys.ucheb.zav.;khim.i khim.tekh.  
6 no.1:53-57 '03. (MIRA 16:6)

1. Ivanovskiy khimiko-tekhnologicheskii institut, kafedra fizicheskoy  
i kolloidnoy khimii.  
(Chemical reaction, Rate of) (Potentiometric analysis)



VOROB'YEV, N.K.; KURITSYN, L.V.

Reaction kinetics of aniline acylation with benzoyl chloride in non-aqueous media. Part 1. Izv.vys.ucheb.zav.;khim.i khim.tekh. 6 no.4: 591-596 '63. (MIRA 17:2)

1. Ivanovskiy khimiko-tekhnologicheskii institut. Kafedra fizicheskoy i kolloidnoy khimii.

VOROB'YEV, N.K.; KURITSYN, L.V.

Reaction kinetics of aniline acylation with benzoyl chloride  
in nonaqueous media. Part 2. Izv.vys.ucheb.zav.;khim. i khim.  
tekh. 7 no. 1:34-40 '64. (MIRA 17:5)

1. Iva<sup>r</sup> vskiy khimiko-tehnologicheskii institut, kafedra  
fizicheskoy i kolloidnoy khimii.

KURITSYN, L.V.; VOROB'YEV, N.K.

Kinetics of the reaction of aniline acylation with benzenesul-  
furyl chloride in nonaqueous media. Part 3. Izv. vys. ucheb.  
zav.; khim. i khim. tekhn. 7 no.3:400-405 1971.

(MIRA 17:10)

1. Ivanovskiy khimiko-tekhnologicheskii institut, kafedra fi-  
zicheskoy i kolloidnoy khimii.

VOROB'YEV, N.K.; KURITSYN, L.V.

Kinetics of aniline acylation with benzoyl chloride in nonaqueous media. Part 4. Izv.vys.ucheb.zav.; khim.i khim.tekh. 7 no.6:930-934 '64. (MIRA 18:5)

1. Ivanovskiy khimiko-tekhnologicheskiiy institut, kafedra fizicheskoy i kolloidnoy khimii.