ARSEN'YEV, L.

Assemblers look for and find methods for speeding up the construction of great chemistry plants. Inzhen.i rats no.10:5-6 O '62. (MIRA 15:9)

1. Nachal'nik tekhnicheskogo upravleniya Ministerstva stroitel'stva RSFSR.
(Chemical industries)

ARSEN'YEV, L.

Luminous house. Znan.-sila 37 no.6:12-13 Je '62. (MIRA 15:9)

1. Glavnyy tekhnolog Tekhnicheskogo upravleniya Ministerstva stroitel'stva RSFSR.
(Building materials) (Buildings, Prefabricated)

ARSEN'IEV, L., insh.

Review of progressive work production methods. Mont. i spets. rab. v stroi. 23 no. 1:31 Ja '61. (MIRA 14:1)
(Perm--Precast concrete construction)

ARSEN'YEV, L.

Three smokestacks a day. Znan.-sila 38 no.4:25-26 Ap '63.
(MIRA 16:8)

USSR/Engineering
Metallurgical Plants
Freezing

"Experiment of Settling by Freezing," L. B. Arsen'yev, Engr, 1 p

"Stroitel' Prom" No 9

Results of practical experience gained during the winter season at the site of a proposed industrial combine. Brief but fairly detailed description of basic steps in the process.

ARSEN'YEV, L.B., inzhener, redaktor.

[The laying of flooring boards] Nastilka chistykh doshchatykh polov. Moskva, Gos.izd-vo lit-ry po stroitel'stvu i arkhitekture, 1953. 30 p. (MLRA 7:3)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii i mekhanizatsii stroitel'stva. (Carpentry)

ARSKIY, I.P.; STROGIN, S.B., redaktor; PETROVA, V.V., redaktor; TOKER, A.M., tekhnicheskiy redaktor

[Reference booklet on safety measures in the production of reinforced concrete objects] Pamiatka po tekhnike bezopasnosti pri proizvodstve zhelezobetonnykh izdelii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhit. 1954. 39 p. (MLRA 8:4)

1. Russia (1923- U.S.S.R.) Ministerstvo stroitel'stva predpriiatiy metallurgicheskoy i khimicheskoy promyshlennosti. Upravleniye rabochikh kadrov, truda i byta.
(Reinforced concrete construction)

ARSEN'YEV, L.B., inzhener.

Aspects of the production of interior walls for housing construction. Mekh.mat. o nov.tekh. v stroi. 16 no.10: 8-14 '54. (MLRA 8:2)
(Walls)

ARSEN'YEV, L.B.; STRONIN, S.B., redaktor; KRASIL'SHCHIK, S.I., redaktor; TOKER, A.M., tekhnicheskiy redaktor

[Safety instructions for slag concrete block production] Pamiatka po tekhnike bezopasnosti pri proizvodstve shlakobetonnykh blokov. Moskva, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture, 1955. 17 p. (MLRA 8:7)

Russia (1923- U.S.S.R.) Ministerstvo stroitel'stva predpriyatiy metallurgicheskoy i khimicheskoy promyshlennosti. Upravleniye rabochikh kadrov, truda i byta .
(Cinder blocks)

ARSEN'YEV, L.B., inzhener

Improving the work of stone quarries; experience of the Kadykovskiy quarry. Sbor. mat. o nov. tekh. v stroi. 17 no.4:6-10 '55.
(Kadykovskiy--Quarries and quarrying) (MLRA 8:6)

ARSEN'YEV, L.B., inzhener

Progressive work experience of woodworking enterprises. Sbor. mat. o nov. tekh. v stroi. 17 no.7:15-22 '55. (MLRA 8:9)
(Woodworking industries)

ARSEN'YEV, L.B., inshener

Rapid method of producing precast reinforced concrete products. Sbor. mat.o nov. tekh. v stroi. 17 no.8:11-13 '55. (MLRA 8:11)
(Precast concrete)

ARSEN'YEV, L.B., inzhener.

Machine for making insulating slabs from wood waste. Sber.mat. o nov.tekh. v stroi. 17 no.10:27-29 '55. (MLRA 9:2)
(Insulation (Heat)) (Wood waste)

SHAPOSHNIKOV, Dmitriy Andreyevich; FILATOV, A.I., inzh., vedushchiy red.; ARSEN'YEV, L.B., inzh., red.; POMOMAREV, V.A., tekhn.red.

[Good, light filler for concrete and reinforced concrete] Effektivnyi legkii zapolnitel' dlia betona i zhelezobetona. Moskva, In-t tekhniko-ekon. inform. AN SSSR, 1956. 13 p. (Informatsiia o nauchno-issledovatel'skikh rabotakh. Tema 39, no.I-56-210) (MIRA 10:12)

(Concrete) (Reinforced concrete)

BAYYER, Yevgeniy Yakovlevich, inzh.; KULIGIN, Nikolay Nikolayevich, inzh.; UDAL'TSOV, A.N., glavnyy red.; ARSEN'YEV, L.B., tekhn.red.

[Mechanized circular building yard for manufacturing reinforced concrete parts] Mekhanizirovannyi kol'tsevoi poligon dlia izgotovleniia zhelezobetonnykh izdelii. Moskva, In-t tekhniko-ekon. inform. 1956. 16 p. (Peredovoi proizvodstvenno-tekhnicheskii opyt. Seriia 33, no.T-56-183/12) (MIRA 11:2)
(Precast concrete)

ARSEN'YEV, Lev Borisovich, inzh.; PLIATOV, A.I., inzh., vedushchiy red.; BALASHOV, S.I., inzh., red.

[Experience in building large panel apartment houses] Opyt stroitel'stva krupnopanel'nogo zhilogo doma. Moskva, In-t tekhniko-ekon. inform., 1956. 16 p. (Informatsiia o nauchno-issledovatel'skikh rabotakh. Tema 31, no.I-56-101) (MIRA 11:2)
(Apartment houses)

ARSEN'IEV, Lev Borisovich; POZDNEV, A.I., inzhener, nauchnyy redaktor; KRYUCHER, Yu.V., redaktor izdatel'stva; MALYSHEV, M.M., redaktor izdatel'stva; TOKER, A.M., tekhnicheskiy redaktor; GUSEVA, S.S., tekhnicheskiy redaktor

[The production of precast reinforced concrete structures and parts; the work practice of leading enterprises] Proizvodstvo sbornykh zhelezobetonnykh konstruktsii i detalei; iz opyta raboty peredovykh predpriiatii. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekture, 1956. 55 p. (MIRA 9:10)
(Precast concrete)

ARSEN'YEV, L.B., inzhener.

Experience with using precast reinforced concrete foundations in factory construction. Mekh.i pered. op. v stroi. 18 no.2:18-20 F '56. (MLRA 9:6)
(Foundations)

ARSEN'YEV, L.B.; DRUZHININ, B.N., inzh., nauchnyy red.; KHIUGER, Yu.V., red. izd-va; STEPANOVA, E.S., tekhn.red.

[Production of precast reinforced concrete construction elements and details; practices of leading enterprises] Proizvodstvo sbornykh zhelezobetonnykh konstruktsii i detalei; iz opyta raboty peredovykh predpriiatii. Izd.2., ispr. i dop. Moskva, Gos. izd-vo lit-ry po stroit. i arkhit., 1957. 69 p. (MIRA 12:1)
(Precast concrete)

KUREK, N.M., red.; SHEMYAKOV, S.N., red.; ARSEN'YEV, L.B., red.; BOBORYKIN, Ye.P., red.; VISHNEVSKIY, A.V., red.; GORCHAKOV, A.V., red. GUSHCHIN, V.M., red.; DRUZHININ, B.N., red.; LEPILIN, G.M., red.; PERKL'SHTEYN, N.L., red.; TESLYA-TESLENKO, V.P., red.; AGRAMATOV, Yu.G., tekhn.red.

[Precast reinforced concrete members; planning and using] Sbornye zhelezobetonnye konstruktsii; opyt proektirovaniia i primeneniia. Moskva, TSentr. biuro tekhn.inform., 1958. 422 p. (MIRA 11:5)

1. Russia (1917- R.S.F.S.R.) Ministerstvo stroitel'stva. Tekhnicheskoye upravleniye.
(Precast concrete construction)

ARSEN'YEV, L.B.

The study of building. Politekh. obuch. no.3:37-46 Mr '58.
(Building trades) (MIRA 11:2)

ARSEN'YEV, L.B., inzh.

"Technology of plain and reinforced concrete products" by O.A.Gershberg. Reviewed by L.B.Arsen'ev. Nov.tekh. i pered. op. v stroi. 20 no. 7: 3 of cover Jl '58. (MIRA 11:8)
(Concrete)
(Reinforced concrete)
(Gershberg, O.A.)

ARSEN'YEV, L.B., inzh.

Monolithic prestressed reinforced concrete water-pressure tower (from "Civil Engineering," Oct., '58). Mov.tekh.mont.i spets.rab.v stroi. 21 no.7:29-32 Jl '59. (MIRA 12:10)
(Orebro, Sweden--Water towers)
(Prestressed concrete construction)

AZRILYANT, Yakov Markovich; ARSEN'YEV, Lev Borisovich; DEMCHININ, B.N., nauchnyy red.; BURMISTROV, G.N., red.; TOKER, A.M., tekhn.red.

[For young construction workers; handbook] Molodym stroiteliam; spravochnoe posobie. Moskva, Vses.uchebno-pedagog.izd-vo Trud-rezervizdat, 1959. 400 p. (MIRA 14:1)
(Building)

S/029/60/000/06/07/020
B008/B007

AUTHOR: Arsen'yev, L., Engineer

TITLE: New Building Material - Air

PERIODICAL: Tekhnika molodeshi, 1960, No. 6, pp. 14-15

TEXT: In his article the author deals with the aerostatic building method predicted by Professor G. I. Pokrovskiy already 25 years ago, which has now become a reality. The chemical industry produces light, solid, air-tight, and transparent foil tissues. The tearing strength of these substances attained 2000 kg/cm^2. Their weight amounts to not more than 50 to 100 g per 1 m^2. These foils are used for the building of cupola vaults or halls with arch ribs. Calculations have shown that the air pressure carrying such constructions need not be very high. Air pressure in arch ribs having a span-width of 100 m need amount to not more than 1 to 1 1/2 atmospheres. A cupola can be supported by means of an overpressure of 0.03 - 0.05 atmospheres. No hoisting cranes or scaffoldings are necessary for the erection of such buildings. The cover is spread out on the ground, weighted on the edges with sand- or water-filled sacks, and connected with

Card 1/2

S/029/60/000/06/07/020
B008/B007

a ventilator by means of a tube. The air condensed by the ventilator causes the building to erect itself within 45 to 50 minutes. In a similar manner pneumatic buildings are erected by using arch ribs, which may consist either of one piece or several chambers within a common hull. The carrying air pressure is automatically controlled. Pneumatic constructions may also be used for special purposes, as e.g. for radar plants, observation towers, sporting aircraft, and gliders. These novel constructions may also be used instead of the usual building scaffolding as a novel kind of hoisting mechanism for the erection of buildings from orthodox materials.

Card 2/2

ARSENIYEV, L.B., inzh.

Over-all mechanization of building operations. Bezop.truda v prom. 4 no.4:19-20 Ap '60. (MIRA 13:9)
(Building machinery--Technological innovations)

ARSEN'YEV, L.B., insh.; MYDELAND, I.K.

Using air balloons in erecting domes and cupolas. Mont.i spets. rab.v stroi. 22 no.3:27-29 Mr '60. (MIRA 13:6)
(Buildings) (Plastics)

ARSEN'YEV, L., inzh.

Gun used for building. Nauka i zhizn' 27 7:67 Jl '60.
(MIRA 13:7)
(Building--Tools and implements)

ARSEN'YEV, L.B., inzh.

Polyethylene fittings. Mont.i spets.rab.v stroi. 22 no.6:32 Je '60. (MIRA 13:7)

(Great Britain--Pipe fittings)
(Polyethylene)

ARSEN'YEV, L.B., inzh.

"Prefabricated elevators" by A.B.Kulakovskii, I.S.Khoroshii.
Mont.i spets.rab.v stroi. 22 no.8:32 Ag '60.
(MIRA 13:8)

(Grain elevators) (Kulakovskii, A.B.)
(Khoroshii, I.S.)

ARSEN'YEV, L.

Houses delivered on conveyers. Tekh. mol. 28 no. 12:18-21 '60.
(MIRA 13:12)

1. Glavnyy tekhnolog Tekhnicheskogo upravleniya Ministerstva stroitel'stva RSFSR.
(Buildings, Prefabricated)

ARSENIYEV, L.B., inzh.

Arch bridge made of pipes. Mont.i spets.rab.v stroi. 23 no.8:31-32 Ag '61. (MIRA 14:8)
(Sweden--Bridges, Arched)

AZRILYANT, Yakov Markovich; ARSEN'YEV, Lev Borisovich; BRAUDE, Yu.A., nauchnyy red.; SHCHERBAKOV, S.N., nauchnyy red.; STRATILATOVA, K.I., red.; TELINGATER, L.A., red.; PERSON, M.N., tekhn. red.

[For young builders]Molodym stroiteliam. Izd.2., perer. i dop. Moskva, Profizdat, 1962. 397 p. (MIRA 15:12)
(Building)

BEREZOVSKIY, Boris Ivanovich, inzh.; ARSEN'YEV, L.B., inzh., nauchnyy red.; YUDINA, L.A., red. izd-va; TEMKINA, Ye.I., tekhn.red.

[Some special features of construction in conditions of the Far North]Nekotorye osobennosti stroitel'stva v usloviiakh Krainego Severa. Izd.2., dop. i perer. Moskva, Gosstroiizdat, 1963. 258 p. (MIRA 16:3)
(Building--Cold weather conditions)

KOLOMNIN, G.P., inzh.; ARSEN'YEV, L.B., inzh., nauchnyy red.; KHANYUTIN, M.Ya. [deceased], red.izd-va; GUREVICH, M.M., tekhn. red.

[Prefabrication of houses] Zavodskoe proizvodstvo domov. Moskva, Gos. izd-vo lit-ry po stroit. i arkhit. 1953. 266 p. (MIRA 16:7)

(Buildings, Prefabricated)

[redacted], L. I.

More beautiful and good quality linen fabrics. Tekst. prom. 12 no. 7, 1952.

SO: [illegible], October 1952.

ARSEN'YEV, L.I.

Following the example of Ivanovo Melange Combine. Tekst. prom. 19 no.10:69-70 O '59. (MIRA 13:1)

1. Glavnyy inzhener fabriki im.Oktyabr'skoy revolyutsii. (Ivanovo Province--Textile industry)

ACC NR: AP7009592 SOURCE CODE: UR/0096/67/000/001/0044/0047

AUTHOR: Kirillov, I. I. (Doctor of technical sciences); Zysin, V. A. (Doctor of technical sciences); Osherov, S. Ya. (Candidate of technical sciences); Arsen'yev, L. V. (Candidate of technical sciences); Petrov, Yu. Ya. (Engineer)

ORG: none

TITLE: Selection of optimal parameters for a high temperature steam-gas installation using a plan developed by the central boiler-turbine scientific research institute and the Leningrad Polytechnical Institutute

SOURCE: Teplo energetika, no. 1, 1967, 44-47

TOPIC TAGS: thermoelectric power plant, steam turbine, gas turbine, heating engineering, cooling, engine cooling system

SUB CODE: 21,10,13

ABSTRACT: The specific features of a method of calculating the parameters of a steam-gas installation are presented and some results of calculation are outlined. In its simplest variant, the steam-gas installation described provides for attainment of an efficiency of approximately 50% with a gas temperature of 1200°C. The optimal degree of gas pressure increase is 9, which considerably facilitates the problems of cooling the high temperature gas turbine and designing turbine machinery. The efficiency of the dual installation depends very little on the steam parameters. High efficiency values can be produced at a steam temperature of 540°C. With increasing initial gas temperature, the thermal effectiveness of the installation increases. In its simplest variant, the efficiency of the installation reaches 55-56% at a

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0930 1130

ACC NR: AP7009592

temperature of 1500°C. The introduction of intermediate heating of the gas provides a further increase in efficiency. Orig. art. has: 7 figures, 2 formulas and 2 tables. [JPRS: 40,102]

Card 2/2

S/112/59/000/015/010/068
A052/A002

26.2120

Translation from: Referativnyy zhurnal, Elektrotekhnika, 1959, No. 15, p. 30 # 31072

AUTHOR: Arsen'yev, L.V.

TITLE: Calculation of the Air-Gas Flow Area of a Turbine Under Partial Loads

PERIODICAL: Nauchno-tekhn. inform. byul. Leningr. politekhn. in-t, 1958, No. 3, pp. 60-66

TEXT: The methods applied for calculating the air-gas flow area in gas turbine engines under variable operation conditions are not accurate enough, and the more accurate methods are extremely laborious. A new method of calculation under part loads is described, which permits a reduction of calculation operations. Some complex members of calculation formulas are represented by nomographs and graphs.

B.I.B.

Translator's note: This is the full translation of the original Russian abstract.

Card 1/1

ARSEN'YEV, L.V.

Effect of the parameters of atmospheric air on the characteristics of a gas turbine motor. Nauch.-tekh. inform. biul. LPI no.10:14-24 '58. (MIRA 14:3)

(Gas turbines)

ARSEN'IEV, L.V.

Design of gas turbines for operation under intermediate conditions.
Trudy LPI no.193:134-140 '58. (MIRA 12:2)
(Gas turbines--Design)

ARSEN'YEV, L.V., kand.tekhn.nauk

Principles of the pickup of transportation gas-turbines engines. Energomashinostroenie 8 no.5:31-33 My '62. (MIRA 15:5)
(Gas turbines)

ARSEN'YEV L.V.

PHASE I BOOK EXPLOITATION SOV/3909

Leningrad. Politekhnicheskiy institut

Energomashinostroyeniye (Power-Machinery Construction) Moscow, Mashgiz, 1960. 163 p. (Series: Its: Trudy, No. 204) Errata slip inserted. 1,600 copies printed.

Sponsoring Agency: RSFSR. Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya.

Resp. Ed.: V.S. Smirnov, Doctor of Technical Sciences, Professor; Ed.: V.I. Zhilanin, Candidate of Technical Sciences, Docent; Tech. Ed.: P.S. Frumkin; Managing Ed. for Literature on the Design and Operation of Machinery (Leningrad Division, Mashgiz): F.I. Fetisov, Engineer.

PURPOSE: This book is intended for workers at scientific research institutes and factory design offices. It may also be useful to students of advanced courses and aspirants specializing in power-machinery construction.

COVERAGE: This collection of 17 articles deals with analyses of gas-turbine installations and theoretical and experimental investigations of the operation of power and transportation machinery, including turbines, compressors, and internal-combustion engines. A description is given of recent theoretical and experimental investigations undertaken by the Department of Power-Machinery Construction, Leningradskiy politekhnicheskiy institut (Leningrad Polytechnical Institute). The investigations include analyses of parameters for insuring high economy of operation and the perfecting of methods of calculating and designing new power equipment. References follow several of the articles.

AVAILABLE: Library of Congress

AC/pw/jb
8-1-60

Card 3/3

ACCESSION NR: AP4007242 S/0114/63/000/012/0012/0015

AUTHOR: Kantor, S. A. (Professor, Doctor of technical sciences); Arsen'yev, L. V. (Docent. Candidate of technical sciences)

TITLE: GTU (gas turbine unit) gas inlet temperature measurement based on indirect parameters

SOURCE: Energomashinostroyeniye, no. 12, 1963, 12-15

TOPIC TAGS: turbine inlet temperature, temperature measurement, gas turbine, gas temperature measurement, turbine temperature measurement, turbine regulation, turbine temperature

ABSTRACT: The direct measurement of gas temperature before the gas turbine, for the purpose of automatic control, is difficult and unreliable because of the nonuniform gas temperature and low gas velocities (60-80 m/sec) causing low sensitivity of thermocouples. Hence, a method of indirect measurement is considered in the article. The inlet gas temperature can be determined in terms of the outlet gas temperature (under stable temperature field and higher gas velocity conditions), the turbine efficiency, and the expansion ratio. It is pointed

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ACCESSION NR: AP4007242

out that theoretically the accuracy of measuring the inlet temperature depends on that of the outlet temperature and practically does not depend on the efficiency, since the latter varies only within 2-3% under actual operating conditions of the turbine. The expansion ratio can be conveniently determined in practice from the pressures measured before and beyond the turbine. In the case of a single-shaft turbine, measuring the outlet temperature and the inlet pressure is sufficient. A hydraulic type of temperature controller is suggested and its possible characteristics are discussed. Another type, based on the electric ratiometer principle, was built and tested by Engineer Yu. A. Yemel'yanov. This controller operates on the outlet temperature and both pressures. It was tested with a GT-700-5 gas-turbine unit and exhibited an error not exceeding 6C. Orig. art. has: 6 figures, 9 formulas, and 1 table.

ASSOCIATION: Leningradskiy politekhnicheskiy institut im. M. I. Kalinina (Leningrad Polytechnic Institute)

SUBMITTED: 00 DATE ACQ: 24Jan64 ENCL: 00

SUB CODE: PR NO REF SOV: 000 OTHER: 000

Card 2/2

ACC NR: AP6029470 SOURCE CODE: UR/0413/66/000/014/0124/0124

INVENTOR: Kirillov, I. I.; Zysin, V. A.; Osherov, S. Ya.; Arsen'yev, L. V.

74
13

ORG: none

TITLE: High temperature steam-gas double-flow turbine, Class 46, No. 184070 [announced by the Leningrad Polytechnical Institute im. M. I. Kalinin (Leningradskiy politekhnicheskiy institut)]

SOURCE: Izobret prom obraz tov zn, no. 14, 1966, 124

TOPIC TAGS: steam gas turbine, double flow turbine, blade cooling, cooled blade, gas turbine, turbine, turbine blade

ABSTRACT: The proposed high temperature steam-gas double-flow turbine consists of a housing containing a centripetal rotor wheel equipped with hollow, cooled blades with separate flow of channels for the wet (or superheated) steam and the gas. In order to ensure a maximum temperature gradient in the high temperature range, and to simplify the design, the blades are made of two parts, forming inlet slots for

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ACC NR: AP6029070

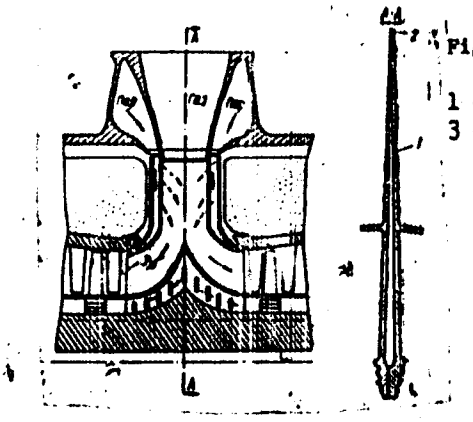

Fig. 1. Double flow turbine

1 - Hollow blade; 2 - inlet slots;
3 - exit sections of the inner cavity.

directing the flow of cooling steam with various peripheral speeds toward the exit section of the inner cavity of the blade (see Fig. 1). Orig. art. has: 1 figure. [AV]

SUB CODE: 21/0/ SUBM DATE: 15Jul65

Card 2/2 mjs

ARSEN'YEV, M.D., inzh.; MANZHOS, Yu.A., inzh.

Manufacture and testing of Engineer N.D.Verner system friction-ball clutches. Sudostroenie 28 no.6:68-70 Je '62. (MIRA 15:6)
(Clutches (Machinery)) (Marine engineering)

ARSEN'YEV, M.F., inzhener

Improving the tables for calculating volumes in earthwork. Tekh. shel.dor.7 no.8:20-21 Ag'48. (MLRA 8:11)
(Railroads--Earthwork)

ARKHIP'YEV, M.F., kandidat tekhnicheskikh nauk.

Selecting guiding gradients allowing for the introduction of trains of greater weight. Trudy TSNIIS no.12:38-88 '54.
(Railroad engineering) (MLRA 9:2)

ZAYTSEV, B.M., ARSEN'YEV, M.G.

Effective acid liquor mixer. Gidrolis. i lesokhim. prom. 10 no.3: 12-13 '57. (MLRA 10:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrolizney i sul'fitno-spirtovoy promyshlennosti.
(Acids) (Mixing machinery)

ARSEN'YEV, N., inzh.

The shuttle belongs to yesterday's technology. IUn.tekh. 5 no.8:54-56 Ag '61. (MIRA 14:12)
(Looms)

ARSEN'YEV, N.; GODINER, F.Ye., red.; YURTAYKINA, N.N., tekhn. red.

[Heroes, signalmen] Geroi - sviazisty. Moskva, Izd-vo DOSAAF, 1963. 145 p. (MIRA 16:12)
(Communications, Military)
(World War, 1939-1945—Communications)

ARSEN'YEV, N.I., inzh.

Improving the performance reliability and quality of the floating water level regulator of type DKV boilers. Prom.-energ. 17 no.10:23-24 O '62. (MIRA 15:9)
(Liquid level indicators)

ARSEN'YEV, N.N., insh.; ISHCHENKO, Ye.F., insh.

Regulator of the position of electrodes for a high-intensity arc. Svetotekhnika 4 no.2:21-24 F '58. (MIRA 11:1)

1.Vsesoyuznyy svetotekhnicheskiy institut.
(Electric lamps, Arc)

ARSEN'EV, N. N.

23330. "Dën' Mastera" /O povyshenii kul't.-tekhn. Urovnya insh.-tekhn. Kadrov. Kombinat "Krasnaya Roza", Moskva/. Tekstil. Prom-st', 1949, No. 7, s.41-42

SO: LETOPIS' NO. 31, 1949

[redacted], E. E.

Further improvements in quality and improvement of production; J. In the silk industry. Tekst. prom., no. 1, 1952

SO: "11", March 1952.

ARSEN'YEV, N.N.

Peculiarities of silk production in some Central European countries.
Tekst.prom. 14 no.8:7-11 Ag '54. (CLRA 7:10)

1. Glavnyy inzhener TSNIIShelka.
(Europe, Eastern--Silk manufacture) (Silk manufacture--Europe, Eastern)

/4

AVRUNINA, Anna Isaakovna; ARSENIYEV, Nikolay Nikolayevich; RUSAKOV, Nikolay Gennadiyevich; TUMAYAN, Stepan Akopovich; KUKIN, G.N. retsenzent; MATANSON, I.A., retsenzent; KOPNILEVICH, Ye.I., redaktor; MEDVEDEV, L.Ya., tekhnicheskiy redaktor

[General silk technology] Obshchaia tekhnologiia shelka. Moskva, Gos. nauchno-tekhn. izd-vo M-va legkoi promyshl. SSSR, 1956. 241 p. (MIRA 10:5)
(Silk manufacture)

ARSEN'YEV, N.N.

Basic trends in the development of silk spinning machinery.
Tekst. prom. 16 no.8:28-32 Ag '56. (MLRA 9:10)

1. Direktor Tsentral'nogo nauchno-issledovatel'skogo instituta shelka.
(Spinning machinery) (Silk manufacture)

LEYTES, Lev Grigor'yevich; KUDRYAVTSEV, D.S., retsenzent; ALEKSEYEV, N.N., retsenzent; LIOZNOV, A.G., red.; MEDVEDEV, L.Ya., tekhn.red.

[Textile design in harness weaving] Oformlenie tkanei v remiznom tkachestve. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po legkoi promyshl., 1957. 276 p. (MIRA 10:12)
(Weaving)

ARSHIN'YAN, N.N.

Research carried on in the silk industry in 1957. Tekst. prom. 17 no.5:4-6 My '57. (MLRA 10:6)

1. Direktor Tsentral'nogo nauchno-issledovatel'skogo instituta shelka.

(Silk) (Rayon)

ARSEN'IEV, N.M.

Prospects for expanding of the silk industry. Tekst. prom. 19 no.9:4-9 S '59. (MIRA 12:12)

1.Direktor Tsentral'nogo nauchno-issledovatel'skogo instituta
(Silk manufacture) (Rayon)

ARSEN'YEV, N.N.

Science contributions to the silk industry. Tekst. prom. 23 no.12:9-12 D '63. (MIRA 17:1)

1. Zamestitel' direktora TSentral'nogo nauchno-issledovatel'skogo instituta shelkovoy promyshlennosti po nauchnoy rabote.

TALYZIN, M.[illegible]; [illegible]; [illegible], N.M.

On the road toward the strengthening of the relations with the industry. Tekst. prom. 25 no.7:16-20 Jl '65. (MIRA 18:8)

1. Direktor Vsesoyuznogo nauchno-issledovatel'skogo i eksperimental'nogo instituta po pererabotke khimicheskikh volokon (for Talyzin). . . Zamestitel' direktora Vsesoyuznogo nauchno-issledovatel'skogo i eksperimental'nogo instituta po pererabotke khimicheskikh volokon (for Arsen'yev). 3. Rukovoditel' nauchno-tekhnicheskogo otdela Vsesoyuznogo nauchno-issledovatel'skogo i eksperimental'nogo instituta po pererabotke khimicheskikh volokon (for Gorbunov).

ARSEN'YEV, [illegible], mayor meditsinskoy sluzhby; SHTERMIS, Yu.S., mayor meditsinskoy sluzhby

Combined therapy with sancaphen and oxygen in ascariasis. Voen.med.zhur. no.3:87-88 '59. (MIRA 12:6)
(ASCARIDS AND ASCARIASIS) (OXYGEN--THERAPEUTIC USE)

L 4269-66 EWT(1)/EWP(e)/EWT(m)/EWP(1)/T/EWP(t)/EWP(b)/EWA(c) LJP(c) JD/GG/AEDC

ACCESSION NR: AP5024607 UR/0070/65/010/005/0760/0761
548.4

AUTHOR: Melvedev, S. A.; Kuslov, Ye. F.; Arsen'yev, P. A.

TITLE: Study of dislocations in synthetic corundum single crystals

SOURCE: Kristallografiya, v. 10, no. 5, 1965, 760-761

TOPIC TAGS: corundum, crystal dislocation, single crystal

ABSTRACT: Etching was used to study the dislocation density distribution in the basal plane of synthetic corundum grown by the Verneuil process. Fe, Ti, Mn, and Co were introduced separately in concentrations up to 0.5%; in addition, Fe and Cr, Co and Cr, and Ti and Cr were introduced together (total impurities up to 0.8%). Samples for the experiments were cut out of the central portion of the single crystal. The dislocations were counted along and across the sample every 0.5 mm with an MIM-8 microscope. Fig. 1 of the Enclosure shows a typical dislocation density distribution for a crystal having a 90° angle between the optic and the geometrical axis; the length and width of the sample are plotted along the y and x axes, respectively, and the dislocation density is plotted along the z axis. In crystals having a 60° angle between the geometrical and the optic axes, the average dislocation densities are one order of magnitude greater. The

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L 4269-66

ACCESSION NR: AP5024567

maximum dislocation density in such crystals reaches 1.2×10^{6} cm^{-2}, and the minimum is 1.3×10^{5} cm^{-2}. "The authors thank L. S. Milevskiy for discussing the results and M. M. Yukhvits for participating in the measurements." Orig. art. has: 1 figure.

ASSOCIATION: Moskovskiy energeticheskiy institut (Moscow Power Institute)

SUBMITTED: 03Dec64 ENCL: 01 SUB CODE: MT, SS

NO REF SOV: 000 OTHER: 003

Card 2/3

L 4269-66
ACCESSION NR: AP5024617 ENCLOSURE: 01

Figure 1. Three-dimensional graph of variations in dislocation density in a crystal having the geometrical axis perpendicular to the optic axis.

L 15959-66 EWT(1)/EWP(e)/EWT(m)/EWG(r)/EWA(m)/EWP(n)-2/T/EWP(t) IJP(c)
ACC NR: AP6001589 JD/JG/GS/AT/WH SOURCE CODE: UR/0120/65/000/006/0186/0188

AUTHOR: Medvedev, S. A.; Kustov, Ya. F.; Arsen'yev, P. A. 44 10

ORG: Moscow Power Institute (Moskovskiy energeticheskiy institut) 21,44,55

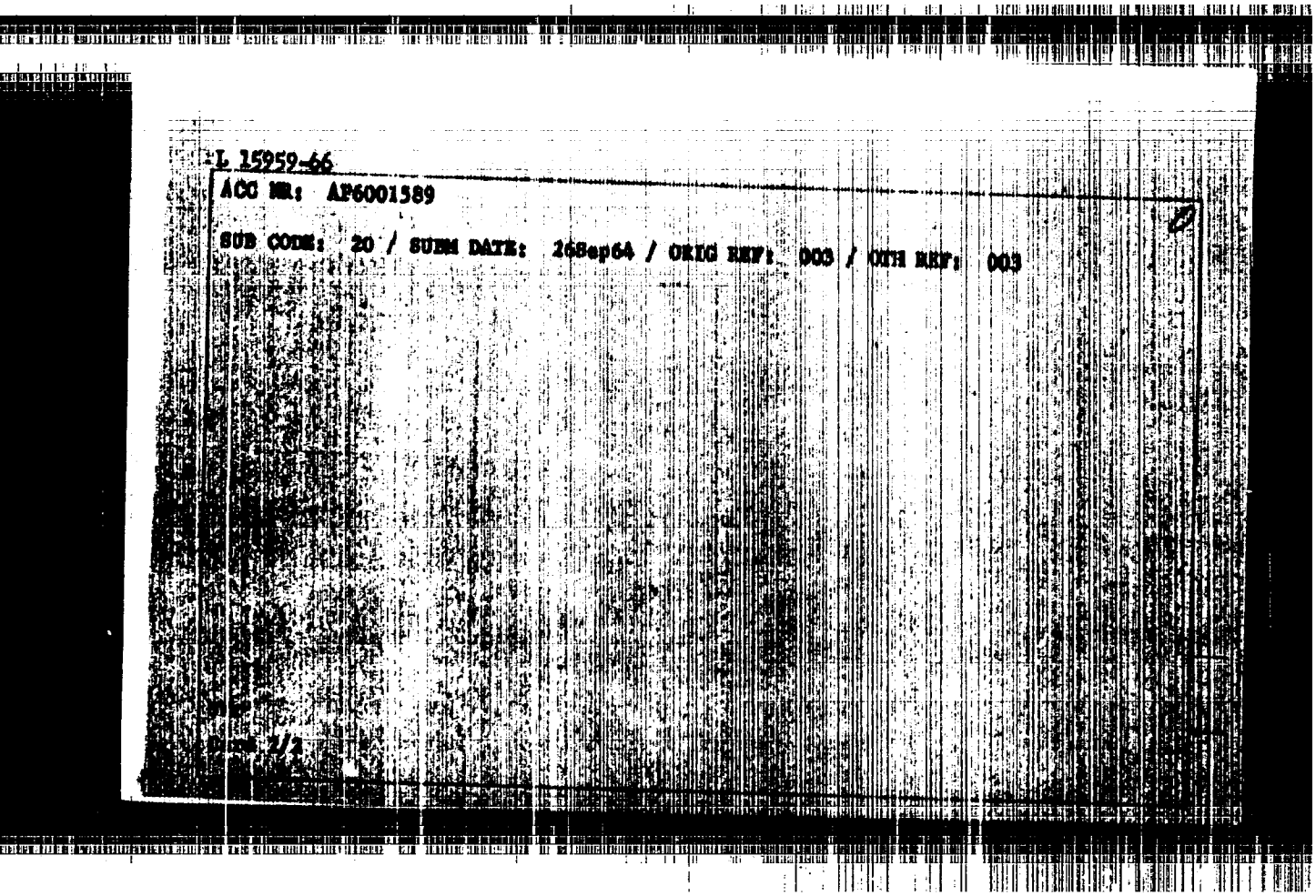
TITLE: The use of high frequency discharge plasma for the growing of single crystals 4

SOURCE: Pribory i tekhnika eksperimenta, no. 6, 1965, 186-188

TOPIC TAGS: single crystal growing, Verneuil method, plasma heating, plasma jet

ABSTRACT: Recent published literature describes the use of electrodeless gaseous discharges for the growing of single crystals of high-melting oxides. The present paper describes a high frequency generator and a plasma burner for the growing of crystals according to the Verneuil method. The oxygen-hydrogen jet is replaced by a plasma jet heating the gas to 7,000—10,000K. The device can operate within any desired atmospheric surrounding and the absence of electrodes secures a high degree of purity of the product. The added temperature range (as compared with the classic Verneuil method) allows the growing of crystals with a high degree of efficiency. The device was used for synthetic corundum single crystal production of high purity. Orig. art. has: 4 figures.

Card 1/2 44,16 UDC: 669-172.9



L 15959-66
ACC NR: AP6001589

SUB CODE: 20 / SUBM DATE: 26Sep64 / ORIG REF: 003 / OTH REF: 003

ARSEN'YEV, N.V.

Experience in treating some forms of anuria and oliguria with carbocholine; preliminary report. Urologiia 21 no.1:44-45 Ja-Mr '56. (MLRA 9:12)

1. Iz urologicheskoy kliniki (zav. - prof. A.M.Gasparyan) I Leningradskogo meditsinskogo instituta (dir. A.I.Ivanov)

(CHOLINE, deriv.
choline chloride carbamide, ther. of anuria & oliguria)
(ANURIA, ther.
choline chloride carbamide)
(URINATION DISORDERS
oliguria, ther., choline chloride carbamide)

ABRAMOV, M.A.; ALIVERDIZADE, K.S.; AMIROV, Ye.M.; ARENSON, R.I.; ARSEN'YEV, S.I.; BAGDASAROV, E.M.; BAGDASAROV, G.A.; BADAMYANTS, A.A.; DANIYELYAN, G.N.; DZHAFAROV, A.A.; KAZAK, A.S.; KERCHOVSKIY, N.M.; KONYUKHOV, S.I.; KRASNOKHATEV, A.V.; KURKOVSKIY, A.I.; LALAZAROV, G.S.; LARIONOV, Ye.P.; LISTENGARTEN, M.Ye.; LIVSHITS, B.L.; LISKIYAN, K.A.; LOGINOVSKIY, V.I.; LYUBENKOVSKIY, P.S.; MELCHANOV, G.V.; MAYDEL'MAN, N.M.; OKHOM'KO, S.K.; ROMANIKHIN, V.A.; ROSIN, I.I.; RUSTAMOV, E.M.; SAFRISOV, R.T.; SKRYPNIK, P.I.; SOBOLEV, N.A.; TARATUTA, R.N.; TVOROGOVA, L.M.; TER-GRIGORYAN, A.I.; USACHOV, V.I.; FAYN, B.P.; CHICHEROV, L.G.; SHAPIRO, Z.L.; SHEVCHUK, Yu.I.; TSUDIK, A.A.; ABUGOV, P.M., red.; MARTYNOVA, M.P., vedushchiy red.; DANIYELYAN, A.A.; TROFIMOV, A.V., tekhn.red.

[Oil field equipment; in six volumes] Neftianoe oborudovanie; v shesti tomakh. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry. Vol.3. [Petroleum production equipment] Oborudovanie i instrument dlia dobychi nefti. 1960. 183 p.
(MIRA 13:4)

(Oil fields--Equipment and supplies)

ARSEN'YEV, S., kandidat tekhnicheskikh nauk.

Problem of setting up quality indexes for the work of the river fleet. Mor. i rech. flot 14 no.7:4-7 Jl '54. (MLRA 7:7)

1. TsNIIMF
(Inland water transportation)

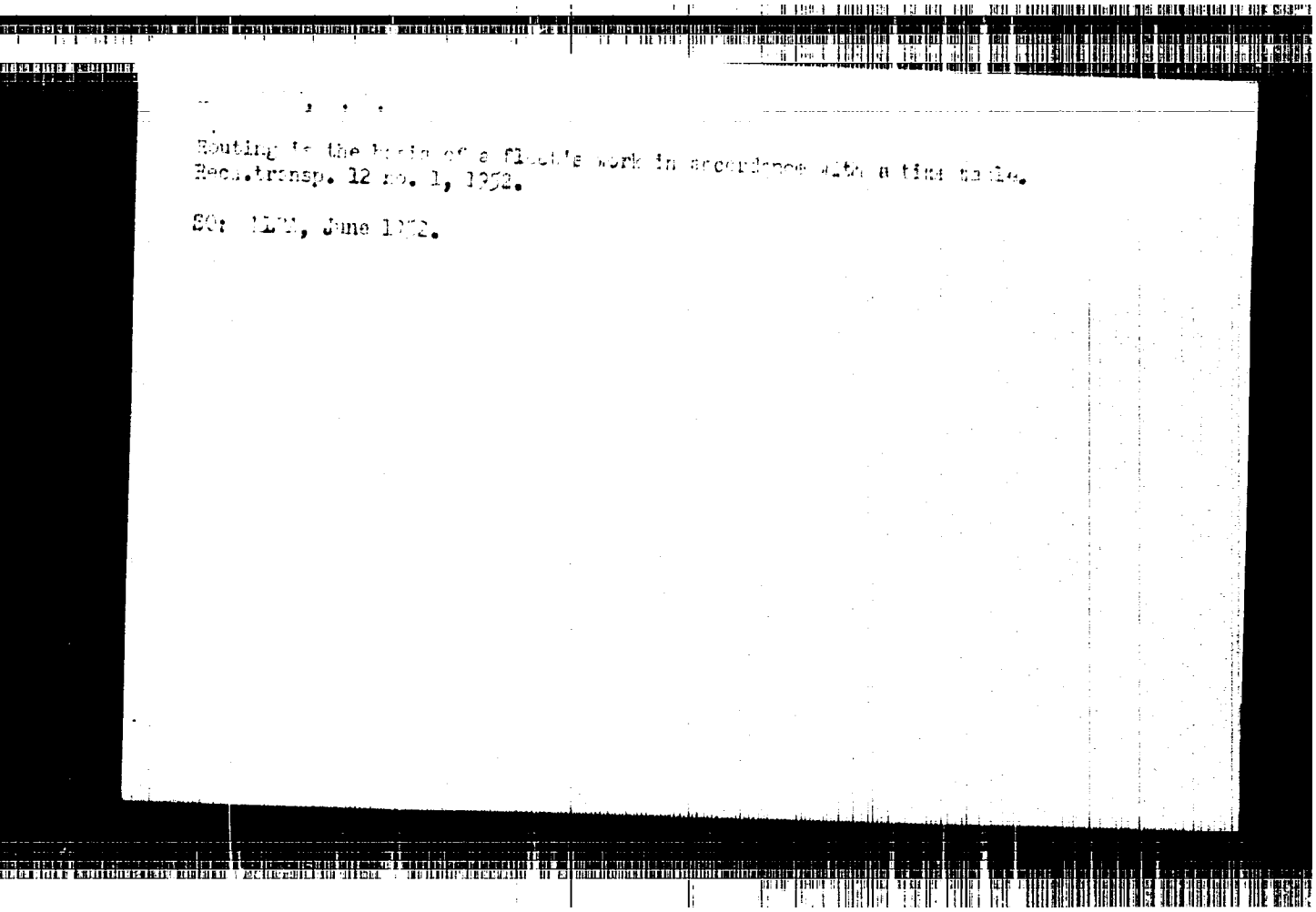
YUMIN, Mafanail Aleksandrovich; ARSEN'YEV, S.I., red.; MAKHOBKINA, A.N., red.izdatel'stva; KRASNAYA, A.K., tekhn.red.

[Studies of technical and economic aspects of transportation on inland waterways] Tekhniko-ekonomicheskie issledovaniia na rechnom transporte. Moskva, Izd-vo "Rechnoi transport," 1957. 210 p. (MIRA 10:12)

(Inland water transportation)

ARSEN'YEV, S.N.

Chain slingrope. Rats. i izobr.predl.v otrei. no.126:17-22 '55.
(Hoisting machinery) (MLRA 9:7)



Routing in the basis of a fleet's work in accordance with a time table.
Rec. transp. 12 no. 1, 1953.

SO: IZV, June 1953.

TSYPIN, Ya.Ye., LOZINSKIY, V.N., retsenzent; ARSHEN'YEV, S.P., redaktor; MAKRUSHINA, A.N., redaktor; NEGICHEVA, M.V., tekhnicheskiy redaktor

[Organization of river fleet operation according to schedule] Organizatsiia raboty rechnogo flota po grafiku. Moskva, Gos. izd-vo vodnogo transporta, 1954. 94 p. (MLRA 7:10)
(Inland water transportation)

PROTASOV, Vasiliy Semenovich, SIDOROV, Pavel Petrovich, KOLOMOYTSEV, V.P. retsenzent, GUREVICH, Sh.M., retsenzent, ARSEN'YEV, S.P., red.; IVANOV, L.A., red.; LOBANOV, Ye.M. red.izd-va.; YERMAKOVA, T.T., tekhn.red.

[Economics of river transportation] Ekonomika rechnogo transporta. Moskva, Izd-vo "Rechnoi transport," 1958. 321 p. (MIRA 11:9)
(Inland water transportation)

ARSEN'YEV, S.F., kand. tekhn. nauk

Basic tendencies in the development of a fleet for transporting large-tonnage loads in river basins of the R.S.F.S.R. Trudy TSNIIEVT no.17:5-20 '59. (MIRA 14:9)
(Inland water transportation)

ARSEN'YEV, S.P., kand. tekhn. nauk; ZBITNEV, B.I., kand. ekonom. nauk

Scientific principles for determining technical and economic specifications of standard freighters and tugboats. Trudy TSNIIEVT no.17:21-90 '59. (MIRA 14:9)
(Tugboats) (Freighters)

ARSEN'YEV, S.P., kand. tekhn. nauk; SHUSTKOV, D.N., kand. tekhn. nauk

Prospects for the development of a fleet for transporting large-tonnage loads in the basins of a unified deep-water transportation system. Trudy TSNIIEVT no.17:91-123 '59. (MIRA 14:9)
(Inland water transportation)

ARSEN'YEV, Sergey Pavlovich, kand. tekhn. nauk; YEFREMOV, G.V., retsenzent; TSYPIN, M.Ye., retsenzent; MIRONOV, V.P., red.; LOBANOV, Ye.M., red. izd-va; BODROVA, V.A., tekhn. red.

[Prospective types of river transportation vessels] Perspektivnye tipy rechnykh transportnykh sudov. Moskva, Izd-vo "Rechnoi transport," 1962. 162 p. (MIRA 15:4)
(Ships) (Inland water transportation)

LYAKHOV, Konstantin Stepanovich , inzh.; KHEYFETS, Moysha Berkovich, inzh.; ARSEN'YEV, S.P., retsenzent; VLADIMIROV, A.I., retsenzent; BARAKIN, A.P., red.; MAKRUSHINA, A.N., red. izd-va; RIDNAYA, I.V., tekhn.red.

[Schedule of ship travel; principles of theory and calculation]Grafik dvizheniia flota; osnovy teorii i raschet. Moskva, Izd-vo "Rechnoi transport," 1962. 185 p.
(MIRA 15:11)

(Inland water transportation)

BOLDYREV, G.P.; VOGMAN, D.A.; NOVOKHATSKIY, I.P.; VREK, D.L.; DYUGAYEV, I.V.; KAVUN, V.M.; KUKHENKO, A.A.; UZBENKOV, M.R.; ARSEN'YEV, S.Ya.; YEGORKIN, A.N.; KORSAKOV, P.F.; KUZ'MIN, V.N.; STRELETS, B.A.; PATKOVSKIY, A.B.; BOLESLAVSKAYA, B.M.; ZHIROMSKI, D.B.; FINKEL'SHTEYN, A.S.; SHAPIRO, I.S.; LAPIN, L.Yu.. Prinimali uchastiye: NEVSKAYA, O.I.; FEDOSEYEV, V.A.; KASPILOVSKIY, Ya.B., ZESENOVA, K.V.. BARDIN, I.P., akademik, otv.red.; SATPAYEV, K.I., akademik, nauchnyy red.; STRUMILIN, akademik, nauchnyy red.; ANTIPOV, M.I., nauchnyy red.; BELYANCHIKOV, N.P., nauchnyy red.; YEROFEYEV, B.N., nauchnyy red.; KALGANOV, M.I., nauchnyy red.; SAMARIN, A.M., nauchnyy red.; SLADKYUK, P.Ye., nauchnyy red.; KHLEBNIKOV, V.B., nauchnyy red.; STRNYS, N.A., nauchnyy red.; BANKVITSER, A.L., red.izd-va; POLYAKOVA, T.V., tekhn.red.

[Iron ore deposits in central Kazakhstan and ways for their utilization] Zhelezorudnye mestorozhdeniia TSentral'nogo Kazakhstana i puti ikh ispol'sovaniia. Otvetstvennyi red. I.P.Bardin. Moskva, 1960. 556 p. (MIRA 13:4)

1. Akademiya nauk SSSR. Mezhduvedomstvennaya postoyannaya komissiya po zheleszu. 2. Gosudarstvennyy institut po proyektirovaniyu gornykh predpriyatiy zhelezorudnoy i margantsevoy promyshlennosti i promyshlennosti nemetallicheskikh iskopayemykh (Giproruda) (for Boldyrev, Vogman, Arsen'yev, Yegorkin, Korsakov, Kuz'min, Streleta.

(Continued on next card)

BOLDYREV, G.P.--(continued). Card 2.

3. Institut geologicheskikh nauk AN Kazakhskoy SSR (for Novokhatskiy). 4. Tsentral'no-Kazakhstanskoye geologicheskoye upravleniye Ministerstva geologii i okhrany nedr SSSR (for Verk, Dyugayev, Kavun, Kurenko, Uzbekov). 5. Nauchno-issledovatel'skiy institut mekhanicheskoy obrabotki poleznykh iskopayemykh (Mikhanobr) (for Patkovskiy). 6. Gosudarstvennyy institut proyektirovaniya metallurg.zavodov (Giprometz) (for Boleslavskaya, Indenbom, Finkel'shteyn, Nevskaya, Fedoseyev, Karpilovskiy). 7. Mezhduvedomstvennaya postoyannaya komissiya po zhelezu AN SSSR (for Shapiro, Zernova, Kalganov). 8. Gosplan SSSR (for Lapin).
(Kazakhstan--Iron ores)

ARSKI'IEV, V., kapitan dal'nego plavaniya

Special lights for motor rescue launches. Mor. flot 18 no. 6:29 Je '58. (MIRA 11:7)

(Launches)
(Ships' lights)

KIMIN, Boris Grigor'yevich; [illegible], Vasiliy Alekseyevich; CHAPSKIY, O.U., redaktor; VODOLAGINA, E.D., tekhnicheskiy redaktor.

[Mechanization of the construction of rural power stations] Mekhanizatsiia stroitel'stva sel'skikh elektrostantsii. Pod red. V.P. Khashchinskogo. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 146 p. (MLRA 8:7)
(Electric power plants)

ARSEN'YEV, V. A.

CN

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Notes on the Delphinapterus leucas Pall. and its hunting trade in Sakhalino. V. A. Arsen'ev. *Rybnoe Khozyaistvo Dal'nego Vostoka* 13, No. 1, 80-90(1936). The characters, migration habits and hunting industry of the marine animals are described. **Black albumin from the blood of marine animals (Delphinapterus leucas Pall.).** I. I. Khar'kov. *Ibid.* 105-8. A yield of 28-30.4% of standard quality albumin was obtained from the blood of *Delphinapterus leucas* Pall. This albumin gave a satisfactory carpenter's glue. Chas. Blanc

ASO-SLA METALLURGICAL LITERATURE CLASSIFICATION

ARSEN'YEV, V. A.

Arsen'yev, V. A. "On the protection of sea mammals," Okhrana prirody, 1948, No. 4, p. 3-16 - Bibliog: 13 items

SO: U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, No. 3, 1949)

ARSEN'YEV, V. A.

Arsen'yev, V. A. and Borodina, M. N. "The settlements and quantity of the river beavers in the USSR," Okhrana prirody, 1948, No.4, p.44-54 - Bibliog: 22 items

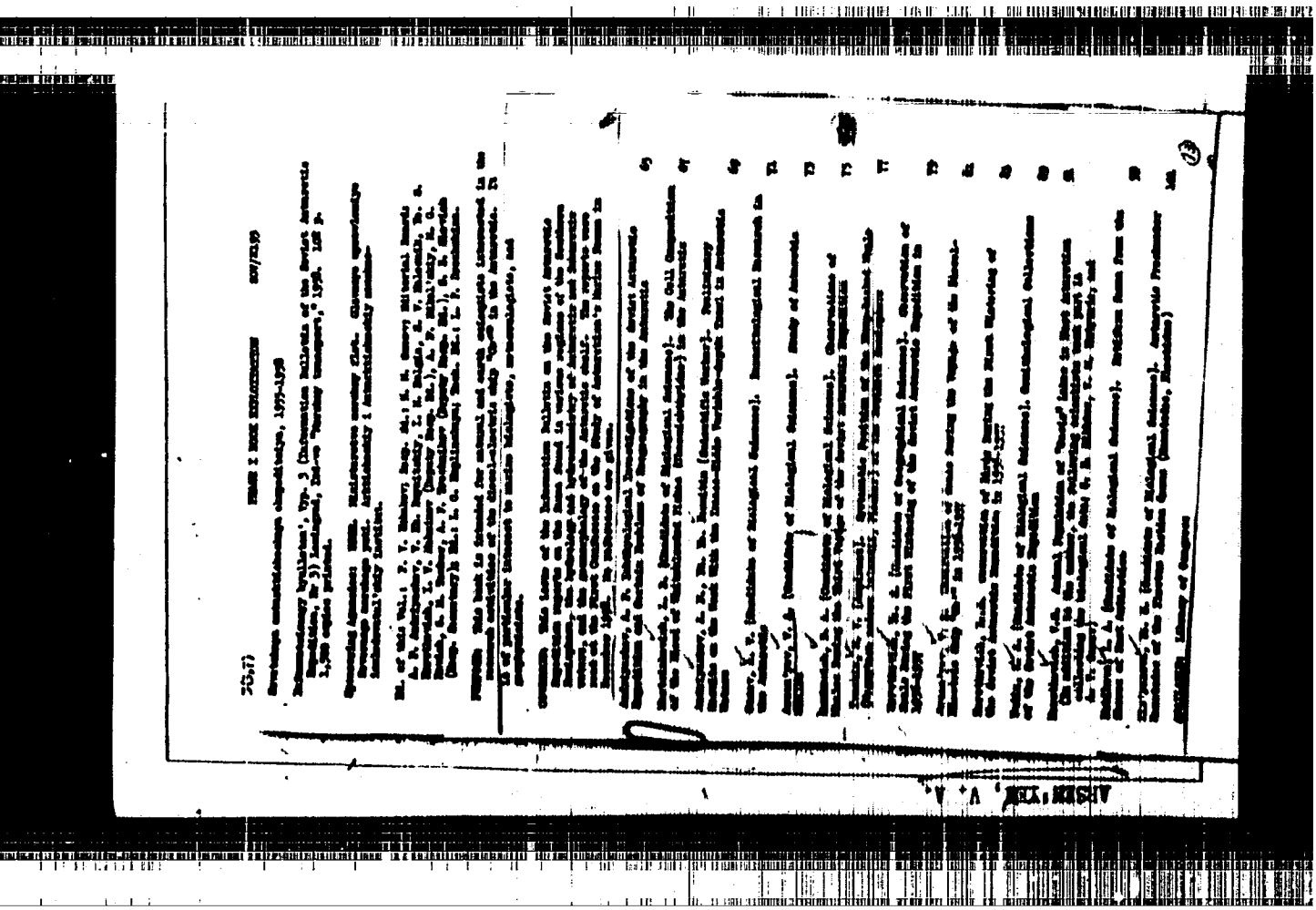
SO: U.3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, No.1, 1949)

ARSEN'YEV, Viktor Aleksandrovich; ZEMSKIY, Vyacheslav Alekseyevich; MEDEL'MAN, G.F., redaktor; MOTORINA, I.A., tekhnicheskiy redaktor

[In the country of whales and penguins] V strane kitov i pingvinov. Izd. 2-e, ispravl. i dop. [Moskva], Izd-vo Moskovskogo universiteta, 1954. 249 p. (Sredi prirody, no.47) (MIRA 8:6)
(Antarctic regions) (Whaling) (Penguins)

ARSEN'YEV, V.A.

Observations on seals of the Antarctic [with summary in English].
Biul. MOIP. Otd.biol. 62 no.5:39-44 S-O '57. (MIRA 10:11)
(ANTARCTIC REGIONS--SEALS (ANIMALS))



ARSEN'YEV, V.A., kand.biol.nauk

Studying the Antarctic whales. Inform.biul.Sov.antark.eksp. no.3:73-74 '58. (MIRA 12:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut rybnogo khozyaystva i okeanografii.
(Antarctic regions--Whales)

ARSEN'YEV, V.A., kand.biol.nauk

Observations on seals during the voyage on the diesel-electric ship "Ob'" in 1956-1957. Inform.biul.Sov.antark.eksp. no.3: 81-82 '58. (MIRA 12:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut rybnogo khozyaystva i okeanografii.
(Antarctic regions--Seals (Animals))

SOV-26-58-11-10/49

AUTHORS: Arsen'yev, V.A., i Gusev, A.V., Candidates of Biological Sciences.

TITLE: The Study of the Flora and Fauna of the Southern Ocean (Izucheniye flory i fauny yuzhnogo okeana). The Second Marine Antarctic Expedition of AS USSR (Vtoraya morskaya antarkticheskaya ekspeditsiya AN SSSR).

PERIODICAL: Priroda, 1958, Nr 11, pp 56 - 63 (USSR)

ABSTRACT: The Soviet second marine Antarctic expedition (1956 to 1957) had two principal tasks: to take relief personnel and freight to the Mirnyy observatory and to make complex oceanological studies in southpolar waters and the Indian Ocean. This article deals chiefly with the investigations made by the "Ob'" research vessel, partly in conjunction with the "Soyya" icebreaker. The ship's course and the scientific observations are given in detail. There are 12 photos and 1 map.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut rybnogo khozyaystva i okeanografii /Moskva (The All-Union Scientific Research Institute of Fish Economy and Oceanography /Moscow); Zoologicheskiy institut AN SSSR /Leningrad (Zoological Institute of the AS USSR /Leningrad).

1. Marine biology—Antarctic regions

Card 1/1