KOVALEV, A. P.

Fuel Abstracts
June 1954
Analysis, Testing
Instruments

4918. DETERMINATION OF FUEL GRINDABILITY FACTOR. Kovalev [illegible] and Kagan, Ya. A. (Elekt. Sta. [illegible], Moscow) [illegible] 9-1[illegible]). The question of hardness as a measure of resistance of [illegible] to crushing is considered and the methods of the [illegible] and Boiler Institute, the All-Union Heat Engineering Institute and the [illegible] Power Institute for determining the grindability factor of fuel are explained.

KOVALEV, A. P.

AID P - 1506

Subject : USSR/Electricity

Card 1/1 Pub. 26 - 2/36

Authors : Kovalev, A. P., Prof., Maksimov, V. M., Dotsent, and Ostrovskiy, Ya. M., Eng.

Title : Ways of improving the performance of pulverized-fuel feeding equipment

Periodical : Elek. sta., 3, 7-11, Mr 1955

Abstract : The authors stress the importance of maintaining a uniform flow of firing processes, particularly under the rapidly developing automation of power stations. They describe the performance of the fuel feeders and point out the causes of irregularity in supplying fuel as well as its consequences. Twelve drawings and diagrams

Institution: None

Submitted : No date

KOVALEV, A. P.

AID P - 2085

Subject : USSR/Electricity

Card 1/1 Pub. 26 - 27/29

Author : Kovalev, A. P., Prof.

Title : Power Industry in Brazil's(Electric power industry abroad)

Periodical: Elek. sta., 4, 57-61, Ap 1955

Abstract : The article reports on Brazil is potential power resources its achieved and planned power developments, and describes some of the largest power stations. One map, 2 drawings and 5 diagrams.

Institution: None

Submitted : No date

KOVALEV, A.P.; KAGAN, Ya.A.

Letter to the editor. Teploenergetika 3 no.1:63 Ja '56.
(Coal, Pulverized) (MLRA 9:2)

KOVALEV, A.P.

3073. [illegible] OF THE [illegible] FUEL FEED [illegible]. Kovalev, A.P., Kagan, Ya. A., Maksimov, V.M. and Ostrovskii, Yu. [illegible] (Elekt. Sta. (Elect. Sta., Moscow), Apr. 1956, vol. 27, [illegible]-15). The fact that the useful capacity of the normal inclined hopper is only 40-45% of its complete volume led to tests with models to study the movement of coal dust fed by screw conveyors into hoppers of various configurations, as a result of which hoppers, mainly vertical walled, in conjunction with a modified form of screw feed, were satisfactorily adopted at two power stations in the Moscow district. (L).

C.E.A.

4

KOVALEV A.P.

BADYL'KES, I.S., doktor tekhnicheskikh nauk; BELINSKIY, S.Ya., kandidat tekhnicheskikh nauk; GIMMEL'FARB, M.L., kandidat tekhnicheskikh nauk; KALAFATI, D.D., kandidat tekhnicheskikh nauk; KERTSELLI, L.I., professor; KOVALEV, A.P., doktor tekhnicheskikh nauk; KONFEDERATOV, I.YA., doktor tekhnicheskikh nauk; LAVROV, V.N., doktor tekhnicheskikh nauk; LEBEDEV, P.D., doktor tekhnicheskikh nauk; LUKNITSKIY, V.V., doktor tekhnicheskikh nauk [deceased]; PETUKHOV, B.S., doktor tekhnicheskikh nauk; SATANOVSKIY, A.Ye., kandidat tekhnicheskikh nauk; SEMENENKO, N.A., doktor tekhnicheskikh nauk; SMEL'NITSKIY, S.G., kandidat tekhnicheskikh nauk; SOKOLOV, Ye.Ya., doktor tekhnicheskikh nauk; CHISTYAKOV, S.F., kandidat tekhnicheskikh nauk; SHCHEGLYAYEV, A.V.; BEL'KIND, L.D., doktor tekhnicheskikh nauk, redaktor; GLAZUNOV, A.A., doktor tekhnicheskikh nauk, redaktor; GOLUBTSOVA, V.A., doktor tekhnicheskikh nauk, redaktor; ZOLOTAREV, T.L., doktor tekhnicheskikh nauk, redaktor; IZBASH, S.V., doktor tekhnicheskikh nauk, redaktor; KIRILLIN, V.A., redaktor; MARGULOVA, T.Kh., doktor tekhnicheskikh nauk, redaktor; MESHKOV, V.V., doktor tekhnicheskikh nauk, redaktor; PETROV, G.N., doktor tekhnicheskikh nauk, redaktor; SIROTINSKIY, L.I., doktor tekhnicheskikh nauk, redaktor; STYRIKOVICH, M.A., redaktor; SHNEYBERG, Ya.A., kandidat tekhnicheskikh nauk, redaktor; MATVEYEV, G.A., doktor tekhnicheskikh nauk, redaktor; MEDVEDEV, L.Ya., tekhnicheskiy redaktor

[History of power engineering in the U.S.S.R.; in three volumes] Istoriia energeticheskoy tekhniki SSSR; v trekh tomakh. Moskva, Gos.energ.izd-vo.

(Continued on next card)

. BADYL'KES, I.S.----(continued) Card 2.

Vol. 1. [Heat engineering] Teplotekhnika. Avtorskii kollektiv toma Badyl'kes i dr. Red. -sost. toma I.IA.Konfederatov. 1957. 479 p. (MIRA 10:8)

1. Chlen-korrespondent Akademii nauk SSSR (for Shcheglyayev, Kirillin, Styrikovich). 2. Moscow. Moskovskiy energeticheskiy institut

(Heat engineering--History)

KOVALEV, A.P., doktor tekhnicheskikh nauk, professor; KHZMALYAN, D.M., kandidat tekhnicheskikh nauk.

Burning fuel in "fine jets" in furnaces provided with shaft-type pulverizers. Teploenergetika 4 no.1:24-27 Ja '57. (MLRA 10:3)

1. Moskovskiy energeticheskiy institut.
(Furnaces) (Pulverizers)

KOVALEV, A.P., doktor tekhn.nauk, prof.; KHZMALYAN, D.M., kand.tekhn.nauk, dotsent.

Principles of designing pulverized-fuel furnaces for large boiler units. Izv.vys.ucheb.zav.; energ. no.5:65-72 My '58. (MIRA 11:8)

1.Moskovskiy ordena Lenina energeticheskiy institut.
(Furnaces)

KOVALEV, A.P., prof.; LELEYEV, N.S., dots.

Small steam generators activated by natural gas. Energomashinostroenie 5 no.1:9-15 Ja '59. (MIRA 12:2)
(Boilers)

KOVALEV, A.P., doktor tekhn.nauk, prof.

Vertical layout of a boiler unit. Izv.vys.ucheb.zav.; energ. 3 no.6:73-77 Je '60. (MIRA 13:6)

1. Moskovskiy ordena Lenina energeticheskiy institut.
(Boilers)

KOVALEV, A. P., doktor tekhn. nauk, prof.

Oxygen blast in boiler units. Energomashinostroenie 6 no.5:39-43 My '60. (MIRA 13:9)

(Boilers)

KOVALEV, A.P., doktor tekhn. nauk, prof.; LELEYEV, N.S.; KHZMALYAN, D.M.; MAKSIMOV, V.M.; PANASENKO, M.D.; KAGAN, Ya.A.; MODEL', Z.G.; TROYANSKIY, Ye.A.; VILENSKIY, T.V.; RYZHKIN, V.Ya.; MOZHAROV, N.A.

[Atlas of boiler systems (supplement)] Atlas kotel'nykh agregatov (dopolnenie). [By] A.P.Kovalev i dr. Moskva, Gosenergoizdat, 1963. 22 fold. (MIRA 17:3)

KOVALEV, A.P., doktor tekhn.nauk, prof.

Twentieth anniversary of the power machinery construction faculty of the Moscow Power Engineering Institute of the Order of Lenin. Energomashinostroenie 9 no.2:42 F '63. (MIRA 16:3)
(Boilers) (Turbines)

KOVALEV, A.P.; IPPOLITOV, A.S.; CHZHUAN FYN-CHEN

Ignition and flame configuration in a furnace with intersecting jets. Inzh.-fiz. zhur. 6 no.5:42-49 My '63. (MIRA 16:5)

1. Energeticheskiy institut, Moskva.
(Furnaces, Heating) (Flame)

KOVALEV, A.P., doktor tekhn. nauk, prof.; KAGAN, Ya.A., kand. tekhn. nauk
KHZMALYAN, D.M., kand. tekhn. nauk

Design of ejector devices for boiler furnaces. Teploenergetika 10 no.9:30-34 S '63. (MIRA 16:10)

1. Moskovskiy energeticheskiy institut.
(Furnaces)

L 10145-65 EPA/EWT(1)/EPF(s)-2/EWT(m)/EPF(c)/EPR Pr-4/Ps-4/Pt-10 ESD/AFWL/ASD(a)-5/ASD(p)-3/AFETR/AFTC(p)/AEDC(b)/ASD(f)-2/ASD(d)/AFTC(a)/AEDC(a)/ESD(t) WW/JW

ACCESSION NR: AP4047821 S/0170/64/000/010/0028/0036

AUTHOR: Kovalev, A. P.; Ippolitov, A. S.; Torgonenko, Yu. M.; Bhaduri; Bkhaduri, D.; Chednekov, A. I.; Shneyder, Yu. R.

TITLE: Flame propagation in laminar and turbulent flows

SOURCE: Inzhenerno-fizicheskiy zhurnal, no. 10, 1964, 28-36

TOPIC TAGS: flame propagation, laminar flow, turbulent flow, combustion

ABSTRACT: The proposed theory of flame propagation in turbulent flows of mixed gases is based on the assumption that under certain conditions the known differential equation of thermal conductivity is applicable to both laminar and turbulent flows. According to this theory, flame propagation in a turbulent flow may be calculated by taking account of the dependence between the time average parameters of combustion (temperature, concentration, flow velocity, density, and the reaction rate) and the turbulent exchange characteristics, E_T/ud (where E_T is the turbulent exchange coefficient, u is the gas

Card 1/2

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000825520015-3"

L 10,05 65
ACCESSION NR: AP4047321

velocity, and d is the nozzle diameter). On the basis of the concepts of molecular and turbulent thermal conductivities, the initial differential equations for laminar and turbulent flame propagation were transformed into new equations which were integrated by using an analog computer to obtain a graphical solution of the problem. The machine integration had the advantage that the equations could be solved without reduction, and experimental data also could be incorporated easily. To verify the theory, experiments with burning a methane-air mixture were carried out in a one-dimensional flame apparatus. The experimental data are in good agreement with the theory. Orig. art. has: 2 tables, 4 figures, and 5 formulas.

ASSOCIATION: Energeticheskiy institut, Moscow (Power Engineering Institute)

SUBMITTED: 15Jul64 ATD PRESS: 3119 ENCL: 00

SUB CODE: ME, PH NO REF SOV: 006 OTHER: 002

Card 2/2

KRYZHANOVSKIY, V.A., inzh.; CHALENKO, G.N., inzh.; DEYEV, L.V., inzh.; KOVALEV, A.P., doktor tekhn. nauk, prof.; KHZMALYAN, D.M., kand. tekhn. nauk

Increase of slagless power of boilers operating on coal of the Moscow region. Teploenergetika 11 no.4:10-15 Ap '64. (MIPA 17:6)

1. Tulaenergo i Moskovskiy energeticheskiy institut.

KOVALEV, A.P., doktor tekhn. nauk, prof.; KAGAN, Ya.A., kand. tekhn. nauk

Determination of fuel expenditure in a coal dust conduit and the productive capacity limit of a ball mill taking into account the resistance of the dust conduit. Teploenergetika 11 no.5:38-42 My'64. (MIRA 17:5)

1. Moskovskiy energeticheskiy institut.

MITROFANOV, B.M., assistent; KOVALEV, A.P., prof., red.

[Calculation and design of high-speed mills; manual for a design course] Raschet i konstruirovanie bystrokhodnobil'nykh mel'nits; uchebnoe posobie po kursovomu proektirovaniiu. Moskva, Energ. in-t, 1963. 51 p. (MIRA 18:1)

SEMKIN, Iosif Danilovich; AVERIN, Sergey Ivanovich; RADCHENKO, Irina Ivanovna; KOVALEV, A.P., prof., doktor tekhn. nauk retsenzent; TELEGIN, A.S., dots., kand. tekhn. nauk, retsenzent

[Fuel and fuel management in metallurgical plants] Toplivo i toplivnoe khoziaistvo metallurgicheskikh zavodov. Moskva, Metallurgiia, 1965. 391 p. (MIRA 18:11)

ACC NR: AP6032491 SOURCE CODE: UR/0413/66/000/017/0032/0033

INVENTOR: Karalyus, A. A.; Brandorf, B. S.; Kovalev, A. P.; Ogarkov, V. F.

ORG: none

TITLE: Reception device for telemechanical systems with remote power supply of the monitored point over the communication line. Class 21, No. 185376 [announced by the Karaganda Scientific Research, Design and Planning, and Experimental Institute for the Development of Mining Machinery and Mechanisms (Karagandinskiy nauchno-issledovatel'skiy proyektno-konstruktorskiy i eksperimental'nyy institut po sozdaniya gornykh mashin i mekhanizmov)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 17, 1966, 32-33

TOPIC TAGS: signal reception, transistor, voltage divider, transistor relay, integrating, RC circuit, signal front rise time, signal decay time

ABSTRACT: The proposed signal reception device for remote control systems with remote power supply of the monitored point over the communication line contains, for the purpose of reducing the rise time of the d-c pulse-time signal front, a transistor connected in the line by a collector-base junction, an integrating RC-circuit, a linear voltage divider, and a transistor relay. The output of the integrating RC-circuit is connected to the linear voltage divider whose output is connected to the input of the transistor relay. The output of the latter is connected to the transistor key. The emitter of the transistor, connected in the line, is connected with the supply plus-terminal through the transistor key. For the purpose of reducing the decay time of the d-c pulse-time signal, the device is also supplemented with two transistor keys, an integrating RC-circuit, and a second transistor relay. The output of the first transistor relay is connected through a transistor key with the auxiliary integrating RC-circuit, whose output is connected to the input of the second transistor relay. The output of the latter is connected through a transistor key with the linear voltage divider.

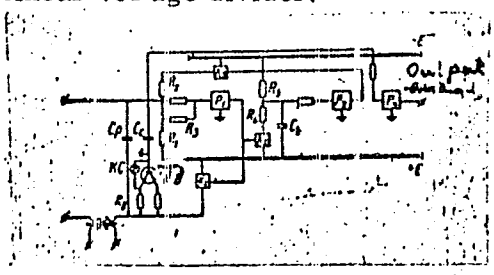

Fig. 1. Reception device. T-1—Transistor; P_1, P_2 and P_3—transistor relays; K_1, K_2 and K_3—transistor keys

Card 1/2 UDC: 621.398:621.396.229

Card 2/2 SUB CODE: 09/SUBM DATE: 25Jul64/

ACC NR: APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000825520015-3"

KOVALEV, A.S.; SHABALIN, N.N., kand. tekhn. nauk, dotsent

Operative planning of the making up of trains. Zhel. dor. transp. 47 no.6:23-27 Je '65. (MIRA 18:6)

1. Nachal'nik stantsii Proletarskoy.

TSIMMERMAN, Ya.S.; RYBOLOVLEV, Ye.V.; CHEKUNOV, V.A.; KOVALEV, A.S.

Study of gastric juice acidity without catheters by a modified desmoid test. Lab.delo 8 no.5:21-24 My '62. (MIRA 15:12)

1. Kafedra propedevtiki vnutrennikh bolezney (zav. - prof. A.I.Levin) i fakul'tetskoy terapii (zav. - prof. N.G. Khoroshavin) Permskogo meditsinskogo instituta.
(GASTRIC JUICE) (MEDICAL TESTS)

KOCHO, V.S., doktor tekhn.nauk; FEDORETS, I.G., inzh.; KOVALEV, A.S., inzh.

Using water-cooled thermocouples for a continuous control of Bessemer smelting by the temperature of metal. Mashinostroenie no. 2:50-52 Mr-Ap '64. (MIRA 17:5)

L 10818-66 EWI(m)/EWP(t)/EWP(b)/EWA(h) JD

ACC NR: AP6000034 SOURCE CODE: UR/0115/65/000/010/0053/0054

AUTHOR: Andreyev, N.V.; Kovalev, A.S.; Salikov, L.R.

66
B

ORG: None

TITLE: A noncooled thermocouple for prolonged regulation of metal temperature

SOURCE: Izmeritel'naya tekhnika, no. 10, 1965, 53-54

TOPIC TAGS: automatic control system, thermocouple, molten metal, temperature measurement, THERMAL INSULATION, TEMPERATURE CONTROL

ABSTRACT: The article describes a noncooled thermocouple with a multilayer thermoinsulating casing, manufactured by the authors. This thermocouple makes it possible to regulate the temperature of a metal continuously from the instant of complete melting to tapping. The thermocouple was tested for durability on an IChM-1 industrial induction mixer of the Makeyevskiy Pipe Casting Plant (Makeyevskiy truboliteynyy zavod). This is the first time that prolonged measurements of the temperature of a metal were conducted by a noncooled thermocouple in industrial conditions. The average temperature was 1395C, with the thermocouple submerged in the melt for at least 50 — 90 min to a depth of 125 — 165 mm. A block diagram of the thermocouple is presented (Fig. 1). It is noted that, on the basis of continuous regulation of the metal temperature, it will prove possible to develop automatic systems to maintain rational operation of the aggregate. Orig. art. has: 1 figure.

Card 1/2

UDC: 536.532

L 10311-66
ACC NR: AP6000034

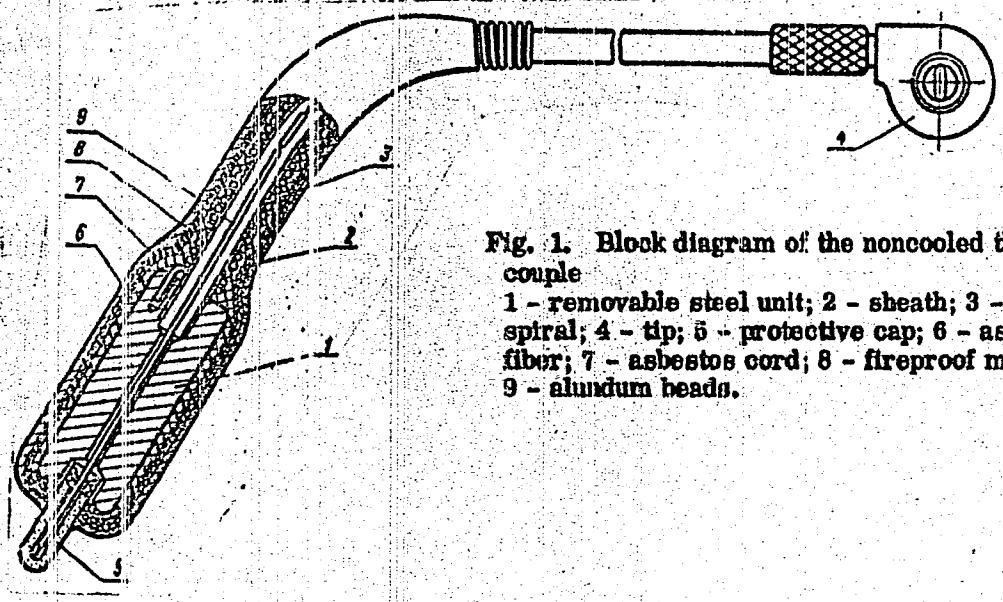

Fig. 1. Block diagram of the noncooled thermocouple
1 - removable steel unit; 2 - sheath; 3 - wire spiral; 4 - tip; 5 - protective cap; 6 - asbestos fiber; 7 - asbestos cord; 8 - fireproof material; 9 - alundum beads.

SUB CODE: 13,14 / SUBM DATE: none / ORIG REF: 005

Card 1/2

FEDOSEYEV, B.V., kand. tekhn. nauk; KURADKHANYAN, L.K., kand. sel'skokhozyaystvennykh nauk; KOVALEV, A.T., inzh.

Technology of pea harvesting. Zemledelie 26 no.6:55-60 Je '64. (MIRA 17:8)

1. Nauchno-issledovatel'skiy institut sel'skogo khozyaystva tsentral'nykh rayonov nechernozemnoy zony.

MURADKHANYAN, L.K., kand. sel'skokhoz. nauk; DROZDOV, V.N.; KOVALEV, A.T.; KALINCHENKO, V.I.

Machines and attachments for the placement of mineral fertilizers. Zemledelie 27 no.4:32-36 Ap '65. (MIRA 18:4)

1. Nauchno-issledovatel'skiy institut sel'skogo khozyaystva tsentral'nykh rayonov nechernozemnoy polosy.

NEDOSHEV, B.V., KOVALEV, A.T.

Studying the work of puller-type pea harvesting machines. Trakt. i sel'khozmash. no.11:27-29 N '64. (MIRA 18:1)

1. Nauchno-issledovatel'skiy institut sel'skogo khozyaystva tsentral'nykh rayonov nechernozemnoy zony.

L 46165-66 EWT(m)/EWP(j)/T IJP(c) GG/RM

ACC NR: AP6021932 SOURCE CODE: UR/0143/66/000/003/0020/0026

AUTHOR: Il'chenko, N. S. (Candidate of technical sciences, Docent); Gavrilyuk, G. I. (Engineer); Kovalev, A. V. (Engineer)

ORG: Lenin Polytechnic Institute, Kiev (Kiyevskiy ordena Lenina politekhnicheskiy institut

TITLE: Effect of ionization intensity on the service life of polyethylene film

SOURCE: IVUZ. Energetika, no. 3, 1966, 20-26

TOPIC TAGS: ionization phenomenon, polyethylene plastic, dielectric property

ABSTRACT: The article investigates the stability of a dielectric to the action of ionization of different intensities with an almost identical intensity of the electric field applied to the dielectric. The experiments were carried out over the same aging period for all samples. The sample consisted of three layers of polyethylene with artificial internal inclusions of air. For the upper and lower layer of the sample, the polyethylene used had a thickness of 45 microns, and for the middle layer a thickness of 65, 170, 500, 750, and 1000 microns. A cylindrical opening with a diameter of 10 or 20 mm was made in the middle layer.

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L 46165-66

ACC NR: AP6021932 O

Then, the upper and lower polyethylene films of the sample were subjected to an ionization process taking place in the inner opening, on the same area for all samples, determined by the diameter of the cylindrical opening in the middle layer. The volume of the artificial air inclusion was varied by changing the height of the cylinder. Detailed experimental results are shown in graphic and tabular form. Analysis of the results shows that ionization processes taking place in inner gas inclusions in a solid dielectric are one of the main factors determining its service life. The service life of polyethylene films decreases with an increase in the intensity of the ionization in the gas inclusions, but no direct proportionality was observed. Orig. art. has: 5 figures and 1 table.

SUB CODE: 11/ SUBM DATE: 02Nov64/ ORIG REF: 010/ OTH REF: 005

Card 2/2 UDC

KIL'METOV, R.S., starshiy inzh.; KOVALEV, A.V., starshiy inzh.; MEKHANTSEV, Ye.B., aspirant

The First Interuniversity Conference on Subminiaturization of Electronic Equipment. Izv. vys. ucheb. zav.; radiotekh. 5 no.4:538-539 Jl-Ag '62. (MIRA 16:6)

(Miniature electronic equipment—Congresses)

KOVALEV, A.V.

Seasonal changes in the size of some pelagic Copepoda of the Black Sea. Zool. zhur. 43 no.12:1833-1836 '64 (MIRA 18:2)

1. Sevastopol Biological Station, Academy of Sciences of the Ukrainian S.S.R.

L 35860-66 EWT(m)/EWA(d)/EWP(k)/EWP(t)/ETI IJP(c) AW/JD/HW/RS/AT/WH

ACC NR: AP6021526 SOURCE CODE: UR/0089/66/020/006/0489/0494

AUTHOR: Ignat'yev, B. G.; Nezhevenko, L. B.; Kovalev, A. V.; Poltoratskiy, N. I.; Fomin, G. S.; Yakutovich, M. V.

ORG: none

TITLE: Production of thin plate from refractory carbides

SOURCE: Atomnaya energiya, v. 20, no. 6, 1966, 489-494

TOPIC TAGS: zirconium, zirconium carbide, ~~powder~~ carbide, ~~powder~~ metal ~~carbide~~ extrusion, ~~powder~~ carbide rolling, ~~extruded~~ thin plate, ~~density, rolled thin plate~~

ABSTRACT: Two methods of producing dense, thin plate from zirconium-carbide powder have been investigated: 1) hot extrusion with subsequent high-temperature sintering with various surface-active additives; 2) rolling zirconium-carbide powder into plate and subsequent sintering. A mixture of the powders of zirconium-carbide and metallic zirconium (15 wt.%) plasticized with a 3% solution of rubber in 3-chlorethylene was extruded under a specific pressure of 1.5—3.0 t/cm^2 into plate which was sintered at 2100—2500C for up to 3 hr. Tests showed that the powder fineness, specific extrusion pressure, and temperature and duration of sintering had only a slight effect on the final product

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ACC NR: AP6021526

density, which averaged from 5.02 to 5.82 g/cm^3. Appreciably better results were obtained in extruding and sintering plate from the same mixtures with the addition of 0.3—1.5 wt.% of $NiCO_3$ or NiC_2O_4 activating salts. For example, the oxygen content in both sintered and unsintered specimens with activating additives was 3—4 times lower than in specimens without additives (0.05—0.09 and 0.25%, respectively). The highest density plate (about 6.3 g/cm^3—94% of the theoretical) was obtained with the addition of 0.3 wt.% $NiCO_3$ or NiC_2O_4 to a powder with a specific surface of 8 m^2/g, which was extruded and subsequently sintered at 2400—2500C. Plate rolled from granulated powder with a particle size of 100—280 μ, prepared from a powder mixture plasticized with a 3% solution of 1.0 wt.% powdered rubber in benzine, was sintered at a temperature of up to 2000C in a vacuum of 10^{-3} mm Hg and at higher temperatures (2100—2500C) in an argon atmosphere at a pressure of 300—350 mm Hg. It was found that the density of the sintered plate increased with increasing powder fineness and sintering temperature. The best results were obtained with powder ground for 96 hr (a specific surface of 8 m^2/g). The 1 mm-thick plate rolled from this powder, after sintering at a temperature of 2300C or higher, had a density of 6.5 g/cm^3 (97% of the theoretical). Elimination of the need for activating additives and higher density of the final product are definite advantages of the second method of producing thin plate from zirconium-carbide powder. Orig. art. has: 2 figures and 8 tables. [MS]

SUB CODE: 11, 13/ SUBM DATE: 29Jan66/ ORIG REF: 007/
OTH REF: 003/ ATD PRESS: 5037

Card 2/2

KOVALEV, A.Ya., kandidat arkhitektury; NIKOLAYEVSKAYA, Z.A., kandidat arkhitektury.

Greater attention to landscaping of the capital's new districts. Gor. khoz. Mosk. 30 no.8:8-12 Ag '56. (MLRA 9:10)

(Moscow--Landscape architecture)

KOVALEV, A.Ya.; VOLODIN, P.A., red.; ANTSIFEROVA, G.M., red.

[The V.I.Lenin Volga Hydroelectric Power Station] Volzhskaia gidroelektrostantsiia im. V.I.Lenina. Pod red. P.A.Volodina. Moskva, Izd-vo lit-ry po stroitel'-stvu, 1964. 142 p. (MIRA 17:7)

SHAPOSHNIKOV, G.P.; KOVALEV, A.Ye.

Excellent wool fibers obtained from wool waste. Tekst. prom. 20 no. 11:18-19 N '60. (MIRA 13:12)

1. Nachal'nik tekhnologicheskogo konstruktorskogo byuro Klintsovskoy tonkosukonnoy fabriki imeni Kominterna (for Shaposhnikov). 2. Master ugarno-prigotovitel'nogo tsekha Klintsovskoy tonkosukonnoy fabriki imeni Kominterna (for Kovalev).

(Woolen and worsted manufacture)

KOVALEV, A. YE.

Technology

Mine ventilation, Moskva, Ugletekhizdat, 1951.

Monthly List of Russian Accessions, Library of Congress, December 1952. UNCLASSIFIED.

KOVALEV, B., brigadir arteli "Gruzchik," Rostov-na-Donu.

With our own resources. Prom.koop. no.8:38 Ag '57. (MIRA 10:9)
(Rostov-on-Don--Housing)

SHUKHOV, O.K.; NIKOLAYEV, V.I.; KOVALEV, B.A.

Improvement of the starting characteristics of V-type carburator engines. Avt.prom. no.9:12-14 S '61. (MIRA 14:9)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skiy avtomobil'nyy i avtomotornyy institut.
(Automobiles--Engines)

S/262/62/000/010/007/024
I007/1207

AUTHORS: Shukhov, O. K., Nikolayev, V. I. and Kovalev, B. A.

TITLE: Improvement of the starting properties of V-shaped carburettor engines

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypisk. 42. Silovyye ustanovki. no. 10, 1962, 57, abstract 42.10.288. "Avtomob. prom-st", no. 9, 1961, 12-14

TEXT: Improvement of the starting properties requires the following measures: a special device must be mounted in the combustion chamber for atomizing the fuel during the upward motion of the piston, thus preventing admission of fuel to the spark plug when starting a cold engine; the spark plugs must be mounted at a maximum slope permitting the removal of the fuel eventually drawn into the plug; the internal cavity of the spark plug must be amply sized. The inlet tubes must be equipped with bottom trays and film-disrupting devices in order to ensure improved fuel evaporation and atomization and to retain the nonevaporated- heavy fuel fractions at the beginning of the start. There are 3 figures.

[Abstracter's note: Complete translation.]

Card 1/1

S/062/60/000/008/029/033/XX
B013/B055

AUTHORS: Kucherov, V. F., Kovalev, B. G., Nazarova, I. I., and Yanovskaya, L. A.

TITLE: Application of the Wittig Reaction for the Synthesis of α,β-Unsaturated- and Polyene Acids

PERIODICAL: Izvestiya Akademii nauk SSSR. Otdeleniye khimicheskikh nauk, 1960, No. 8, pp. 1512-1514

TEXT: This is a short communication on the investigation of the reaction of carboethoxymethylene triphenyl phosphorane (I) with various aldehydes. This investigation was undertaken with the purpose of synthesizing different polyene acids. It was found that (I) reacts readily with saturated, unsaturated, aromatic and heterocyclic aldehydes giving the corresponding ethyl esters of α,β-unsaturated acids in high yields. Particularly good results were obtained with polyenals, polyene acid esters being formed in yields of over 80%. By hydrolysis of these esters with sodium hydroxide in aqueous methanol, the polyene acids, up to now difficultly accessible substances, were obtained in satisfactory yields. Owing to the simplicity of execution, general applicability, high yields and purity of reaction

Card 1/2

Application of the Wittig Reaction for the Synthesis of α,β-Unsaturated- and Polyene Acids

S/062/60/000/008/029/033/XX
B013/B055

products, the Wittig reaction surpasses many of the better-known preparation methods. It is undoubtedly one of the most convenient methods to prepare polyene acids and their esters. There are 1 table and 10 references: 1 Soviet, 1 US, 2 French, 5 German, and 2 Swiss.

ASSOCIATION: Institut organicheskoy khimii im. N. D. Zelinskogo Akademii nauk SSSR
(Institute of Organic Chemistry imeni N. D. Zelinskiy of the Academy of Sciences USSR)

SUBMITTED: January 15, 1960

Card 2/2

Kovalev B.G.

81861

S/020/60/133/02/33/068
B016/B060

5.3831
5.3400

AUTHORS: Kucherov, V. F., Yanovskaya, L. A., Kovalev, B. G.

TITLE: Saponification of Tetraethyl Acetals of the β-Dicarbonyl Compounds and Some Ways of Utilizing the Compounds Formed Thereby

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 133, No. 2, pp. 370-373

TEXT: The saponification of tetraethyl acetals (I) with an equivalent of water in the presence of p-toluene sulfonic acid was found to be a general method of synthesizing the β-formyl-vinyl ethers (Ref. 3). The further saponification of the latter leads to the substituted derivatives of malonic acid dialdehyde (III) (in accordance with Ref. 4). IR spectra of the β-formyl-vinyl ethers produced by the authors confirm their structure as α,β-unsaturated aldehydes. However, they contain a slight admixture of saturated aldehydes. On the saponification of tetraethyl acetals of β-ethoxy glutaric dialdehyde (IV) with an equivalent amount of water there is a cyclization, with 2,4,6-triethoxy tetrahydropyrans

Card 1/3

Saponification of Tetraethyl Acetals of the β-Dicarbonyl Compounds and Some Ways of Utilizing the Compounds Formed Thereby

S/020/60/133/02/33/068
B016/B060

(V) forming as the main products. Here as well, the IR spectra confirm their structure. As the authors had proven earlier (Ref. 2), only corresponding ethoxy aldehydes (VII) result on the saponification of ethoxy tetraethyl acetals of the type (VI) with an excess of water. The saponification of tetraethyl acetal of acetoacetic aldehyde and its derivatives (VIII) with a water equivalent has a peculiar course, inasmuch as only diethyl acetals of the type (IX) are formed here. All of the compounds formed in this connection do not yield any Fehling reaction, and the IR spectrum shows them to possess a free keto group. The dialdehydes of the type (III) and (VII) were found to react readily under the conditions of the Wittig reaction with carbethoxy methylene triphenyl phosphoran (X). In this connection they form corresponding diethyl esters of the unsaturated dicarboxylic acids (XI) and (XII). Also several β-formyl vinyl ethers are capable of undergoing this reaction. Thus, β-formyl-β-methyl vinyl ether benzoate (XIII) yields 1-carbethoxy-4-methyl-5-benzyl oxypentadiene-2,4 (XIV) on the reaction with phosphorane (X). Therefrom, 2,4-dinitro phenyl hydrazone of the corresponding aldehyde ester (XV) was obtained in turn. β-Keto acetals

Card 2/3

Saponification of Tetraethyl Acetals of the β-Dicarbonyl Compounds and Some Ways of Utilizing the Compounds Formed Thereby

S/020/60/133/02/33/068
B016/B060

(IX) do not react with carbethoxy methylene triphenyl phosphorane. Still, they easily enter the acetylene synthesis reaction with the lithium cyclohexene-1-yl-acetylenide and form acetylene alcohols of the type (XVI) with a good yield. Saponification and dehydration of the latter yield unsaturated aldehydes (XVII). All of the conversions investigated here open up great possibilities for the synthesis of several polyene compounds which are related to the natural ones. This constitutes the subject of further studies made by the authors. There are 5 references: 2 Soviet, 1 German, and 1 Swiss.

ASSOCIATION: Institut organicheskoy khimii im. N. D. Zelinskogo Akademii nauk SSSR (Institute of Organic Chemistry imeni N. D. Zelinskiy of the Academy of Sciences, USSR)

PRESENTED: January 16, 1960, by M. M. Shemyakin, Academician

SUBMITTED: January 7, 1960

KUCHEROV, V.F.; KOVALEV, B.G.; KOGAN, G.A.; YANOVSKAYA, L.A.

Synthesis and geometric configuration of diethyl esters of 2, 4, 6, 8, 10-dodecapentaene-1, 12-dioic and 2, 4, 6, 8, 10, 12, 14-hexadecaheptaene-1, 16-dioic acids. Dokl. AN SSSR 138 no.5:1115-1117 Je '61. (MIRA 14:6)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR. Predstavleno akademikom B.A.Kazanskim.
(Dodecapentaenedioic acid) (Hexadecaheptaenedioic acid)

IVANOVSKAYA, L.A.; KUCHEROV, V.F.; KOVALEV, B.G.

Chemistry of acetals. Report No.11: Certain reactions of β-ethoxyacrolein and β,β-ethoxypropionaldehyde. Izv.AN SSSR Otd.khim.nauk no.4:674-681 Ap '62. (MIRA 15:4)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Acrolein) (Propionaldehyde)

KUCHEROV, V.F.; KOVALEV, B.G.; NAZAROVA, I.I.; YANOVSKAYA, L.A.

Using Wittig reaction in the synthesis of α,β-unsaturated and polyenic acids. Izv.AN SSSR Otd.khim.nauk no.8:1512-1514 Ag '60. (MIRA 15:5)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Unsaturated compounds) (Acids, Organic) (Wittig reaction)

KOVALEV, B.G.; YANOVSKAYA, L.A.; KUCHEROV, V.F.

Synthesis of isoprenoid acids from isoprenoid ketones by the action of diethyl ester of carbethoxymethylphosphinic acid. Izv. AN SSSR. Otd.khim.nauk no.10:1876-1877 O '62. (MIRA 15:10)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.
(Isoprenoids) (Phosphinic acid)

KOVALEV, B. G.; YANOVSKAYA, L. A.; KUCHEROV, V. F.; KOGAN, G. A.

Chemistry of polyene and polyacetylene compounds. Report No. 8: Paths in the synthesis of polyene dicarboxylic acids with an even number of double bonds and polyene dicarboxylic acids. Izv. AN SSSR. Otd. khim. nauk no.1:145-152 '63. (MIRA 16:1)

1. Institut organicheskoy khimii im. N. D. Zelinskogo AN SSSR.

(Acids, Organic) (Unsaturated compounds)
(Chemical bonds)

YANOVSKAYA, L.A.; KOVALEV, B.G.; KUCHEROV, V.F.

Chemistry of acetals. Report No.16: Ways of synthesizing symmetric and asymmetric difunctional polyene compounds. Izv. AN SSSR. Ser. khim. no.4:684-688 '65. (MIRA 18:5)

1. Institut organicheskoy khimii im. N.D.Zelinskogo AN SSSR.

L 25679-66 EWT(m)/EWP(j) RM

ACC NR: AP6016688 SOURCE CODE: UR/0079/65/035/009/1570/1574

AUTHOR: Gladshteyn, B. M.; Shitov, L. N.; Kovalev, B. G.; Soborovskiy, L. Z. 38 B

ORG: none

TITLE: Mechanism of the direct haloalkylation of elementary phosphorus

SOURCE: Zhurnal obshchey khimii, v. 35, no. 9, 1965, 1570-1574

TOPIC TAGS: free radical, phosphorus, alkylation, halogenation

ABSTRACT: A free radical mechanism of the direct haloalkylation of elemental red phosphorus was experimentally confirmed. The proposed mechanism includes an attack on the phosphorus molecule by radicals formed as a result of homolytic decomposition of the alkyl halide, leading to the formation of phosphorus-containing radicals, the further transformations of which depend on the probability of recombination with other radicals. The hydrocarbon radicals can subsequently either recombine or, splitting out a hydrogen atom, be converted to carbenes, leading to the formation of the reaction products. The reaction products of methyl chloride and of benzyl chloride with red phosphorus were found to contain not only phosphorus-containing substances, but also hydrogen, methane, ethane, ethylene, and propylene, and toluene and trans-stilbene, respectively. R. I. Borodulina and Z. A. Kraynova assisted with the experiment. Orig. art. has: 1 figure, and 3 tables. [JPRS]

SUB CODE: 07 / SUBM DATE: 08Jun64 / ORIG REF: 004 / OTH REF: 009

Card 1/1 dda UDC: 547.241

GLADSHTEYN, B.M.; SHITOV, L.N.; KOVALEV, B.G.; SOBOROVSKIY, L.Z.

Reaction mechanism of direct haloalkylation of elementary phosphorus. Zhur. ob. khim. 35 no.9:1570-1574 S '65.
(MIRA 18:10)

OL'SHEVSKIY, O.V.; KOVALEV, B.I.

Experimental study of a shunting circuit of a tuned electric power transmission line as a means for limiting overvoltages. Trudy Transp.-energ. inst. Sib. otd. AN SSSR no.16:42-52 '63. (MIRA 16:11)

KOCHKAREV, O.A.; KOVALEV, B.I.

More fiberboards for the national economy. Der. prom. 13 no.3: 1-3 Mr '64 (MIRA 17:7)

ACC NR: AT6025812 SOURCE CODE: UR/3205/65/000/003/0144/0157

AUTHOR: Kovalev, B. I.; Kopach, Ye. N.

ORG: none

TITLE: Interpretive system for the "Setun'" digital computer

SOURCE: AN SSSR. Sibirskoye otdeleniye. Sibirskiy nauchno-issledovatel'skiy institut energetiki. Trudy, no. 3(22), 1965. Rezhimy i ustoychivost' dal'nykh elektroperedach (Operating modes and stability of long-distance power transmission lines), 144-157

TOPIC TAGS: digital computer, computer language, computer programming / Setun' digital computer

ABSTRACT: Developed by MGU and regularly manufactured by Soviet industry, the small digital computer "Setun'" has these disadvantages: no division operation in the machine commands; small storage capacity; fixed-point system not suitable for solving most practical problems. Hence, a few interpretive systems with sets of standard subroutines were developed by MGU. Unfortunately, some serious short-

Card 1/2

ACC NR: AT6025812

comings of these interpretive systems have become clear as a result of operation of the "Setun'" computer in the "Siberian Scientific Research Institute of Power Engineering." Access to standard subroutines is unwieldy and complicated, too many inputs, impossibility of using two variables in one access, cumbersome logic of subroutines, and other shortcomings are listed. They hamper the efficiency of using the machine storage, complicate programing, and make machine-language translations extremely difficult. Hence, a new interpretive system has been developed in the SibNIIE, in which the floating-point system of number presentation is adopted, the storage facilities are rationally allocated, and each program consists of a sequence of pseudo-commands to be decoded by the interpretive system; the pseudo-commands do not contain machine operations. Technical details of the new interpretive system and associated subroutines are given; operations and some typical problems are tabulated. Orig. art. has: 1 figure, 1 formula, and 6 tables.

SUB CODE: 09 / SUBM DATE: none

Card 2/2

KOVALEV, B.I.

Use of a digital computer for calculating internal overvoltages of half-wave tuned lines. Trudy Sib. nauch.-issl. inst. energ. no.1: 78-92 '64. (MIRA 18:5)

BABICH, V.M.; KOVALEV, B.N.; LOZANOVSKAYA, L.T.

Study of the singularities of fundamental solutions to regular equations near special points of the characteristic conoid. Vest. LGU 17 no.19:5-14 '62. (MIRA 15:10)
(Differential equations, Partial)

KOVALEV, B.S.

GOLUBTSOV, V.K.; KOVALEV, B.S.; YARTSEVA, M.V.

Middle Carboniferous Bashkir-stage deposits discovered in the Pripet depression (southeastern White Russia). Dokl. AN SSSR 110 no.2:257-259 S '56. (MLRA 9:12)

1. Institut geologicheskikh nauk Akademii nauk SSSR. Predstavleno akademikom N.S. Shatskim.
(Pripet Valley--Geology, Stratigraphic)

KOVALEV, D.

Suggestions made by Voroshilovgrad efficiency promoters. Mast. ugl. 6 no.7:9-12 Jl '57. (MLRA 10:9)

1. Zamestitel' nachal'nika tekhnicheskogo otdela tresta Leninugol' Voroshilovgradskoy oblasti.
(Donets Basin--Coal mines and mining--Equipment and supplies)

KOVALEV D

PUCHKOV, Ya.; KOVALEV, D.

Breaking off coal by blasting in heavily pitching longwalls.
Mast. ugl. 6 no.12:3-4 D '57. (MIRA 11:1)

1.Glavnyy inzhener tresta Leninugol' kombinata Voroshilovgradugol' (for Puchkov). 2.Zamestitel' nachal'nika tekhnicheskogo otdela tresta Leninugol' kombinata Voroshilovgradugol' (for Kovalev).
(Coal mines and mining)
(Blasting)

PUCHKOV, Ya.; KOVALEV, D.

Our plans. Mast. ugl. 7 no. 7:11-12 Jl '58. (MIRA 11:8)

1. Glavnyy inzhener tresta Leninugol' kombinata Luganskugol' (for Puchkov). 2. Nachal'nik tekhnicheskogo otdela tresta Leninugol' kombinata Luganskugol' (for Kovalev).
(Coal mines and mining)

PUCHKOV, Ya.; KOVALEV, D.

Cutter-loader for inclined seams. Mast.ugl. 8 no.1:15 Ja '59.
(MIRA 12:3)

1. Glavnyy inzhener tresta Leninugol' Luganskogo sovnarkhoza (for Puchkov). 2. Nachal'nik tekhnicheskogo otdela tresta Leninugol' Luganskyo sovnarkhoza (for Kovalev).
(Coal mining machinery)

PUCHKOV, Ya.; KOVALEV, D.

Discontinuous mine operation. Mast.ugl. 8 no.2:9-10 F '59.
(MIRA 13:4)

1. Glavnyy inzhener tresta Leninugol' Luganskogo sovnarkhoza (for Puchkov). 2. Nachal'nik tekhnicheskogo otdela tresta Leninugol' Luganskogo sovnarkhoza (for Kovalev).
(Luganak Province--Coal mines and mining)
(Mine management)

KOVALEV, D., insh.

Picks with a longer butt end. Mast.ugl. 9 no.2:9 F '60.
(MIRA 13:7)
(Coal mines and mining--Equipment and supplies)

KOVALEV, D., inzh.

New guards. Mast.ugl. 9 no.7:13 Jl '60. (MIRA 13:7)
(Hoisting machinery)

KOVALEV, D., inzh.

Mine car arresting device. Mast.ugl. 9 no.7:13 Jl '60.
(MIRA 13:7)

(Mine railroads--Cars)

CHERNYAVSKIY, A.; KOVALEV, D.

Higher rate of drifting. Mast.ugl. 9 no.3:5-6 Mr '60.
(MIRA 13:6)

1. Glavnyy inzhener shakhty No.2 "Cherkasskaya-Severnaya" Luganskogo sovnarkhoza (for Chernyavskiy). 2. Zamestitel' glavnogo inzhenera tresta Leninugol' (for Kovalev).
(Kuznetsk Basin--Coal mines and mining)

KOVALEV, D., inzh.

Attachment for a sawing machine unit. Mast.ugl. 9 no.7:14 Jl '60. (MIRA 13:7)
(Saws)

KOVALEV, D.A.; TRET'YAKOV, N.I.

Surgical removal of a foreign body (metal spring) from the duodenum. Khirurgiia Supplement:52 '57. (MIRA 11:4)
(DUODENUM--FOREIGN BODIES)

YEL'IMENKO, G.G., inzh.; VOYTANIK, S.T., inzh.; YEFIMOV, S.P., inzh.; MACHKOVSKIY, A.I., inzh.; RUDKOV, A.K., inzh.; RUDKOVSKIY, G.I., inzh.; Prinimali uchastiye: KOVALEV, D.A.; GOTOVTSEV, A.A.; VASIL'YEV, G.S.; ZEMLYANOY, A.A.; KUKUSHKIN, S.N.; MATYNA, M.G.; LOVCHANOVSKIY, V.A.; KRAMNIK, T.A.; NECHESOVA, N.I.; MARTYNENKO, V.A.; KURAKSIN, D.I.; LETYAGIN, N.L.

Intensifying the sintering process by the use of a special charge wetting device. Stal' 23 no.12:1061-1064 D '63. (MIRA 17:2)

1. Dnepropetrovskiy metallurgicheskiy institut, zavod im. Dzerzhinskogo i Yuzhnyy gornoobogatitel'nyy kombinat. 2. Dnepropetrovskiy metallurgicheskiy institut (for Kovalev, Gotovtsev, Vasil'yev, Zemlyanoy, Kukushkin). 3. Zavod im. Dzerzhinskogo (for Matyna, Lovchanskiy, Kramnik, Nechesova). 4. Yuzhnyy gornoobogatitel'nyy kombinat (for Martynenko, Kuraksin, Letyagin).

YEFIM'NKO, G.G.(Dnepropetrovsk); KOVALEV, D.A. (Dnepropetrovsk)

Wetting processes during the sintering of iron ores and concentrates. Izv. AN SSSR. Met. no.1:11-17 Ja-F '65. (MIRA 18:5)

IUCHKOV, Ya.D., gornyy inzh.; KOVALEV, D.F., gornyy inzh.

Over-all mechanization of stoping operations in the Leninugol' Trust mines. Ugol' Ukr. 5 no.9:20-21 S '61. (MIRA 14:9)
(Donets Basin--Coal mines and mining)

KOVALEV, D.F., inzh.

Use of spacing roof girders in conjunction with the LGD wide-range units. Ugol'prom. no.1:34-35 Ja-F '62. (MIRA 15:8)

1. Donetskiy nauchno-issledovatel'skiy ugol'nyy institut.
(Mine timbering) (Coal mining machinery)

KOVALEV, D.F.; UTKIN, I.S.; SELEMENEV, I.D., brigadir kompleksnoy brigady

When the drifting operations have been well prepared. Ugol' Ukr. 6 no.9:4-7 S '62. (MIRA 15:9)

1. Zamestitel' glavnogo inzhenera Leninskogo tresta kombinata Kuzbassugol' Ministerstva ugol'noy promyshlennosti SSSR (for Kovalev). 2. Nachal'nik Leninskogo shakhtoupravleniya Leninskogo tresta kombinata Kuzbassugol' Ministerstva ugol'noy promyshlennosti SSSR (for Utkin).

(Donets Basin--Coal mines and mining)

KOVALEV, D.F., inzh.; IGNATENKO, O.G., inzh.

Roof control in inclined seams by complete caving with the use of "OKU" supports. Ugol' Ukr. 7 no.11:42-43 N '63. (MIRA 17:4)

1. Trest Leninugol'.

KOVALEV, D. F.

KOVALEV, D. F.--"Surgical Treatment of Tuberculosis of the Shin-and-Foot Joint and of Foot Bones." *(Dissertation for Degrees in Science and Engineering Defened at USSR Higher Educational Institutions.) Inst of Surgery imeni A. V. Vishnevskiy of the Acad of Medical Sci USSR, Moscow, 1953

SO: Knizhnaya Letopis', No. 25, 18 Jun 55

* For Degree of Candidate of Medical Sciences

KOVALEV, D.F., kand.meditsinskikh nauk

Osteoplastic fixation of the spine in radical surgical therapy of tuberculous spondylitis. Ortop. travm. i protez, 21 no. 7:32-36 Jl '60. (MIRA 13:10)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo instituta tuberkuleza Minzdrava RSFSR (dir. - V. Chernyshev, zav. otdeleniyem-kand. meditsinskikh nauk Ye.N. Stanislavleva).
(SPINE--TUBERCULOSIS)

KOVALEV, D.F., kand.med.nauk

Basis and method of local anesthesia in operations on the talocrural joint and bones of the foot; experimental study. Ortop., travm. i protez. 21 no.8:27-31 Ag '60. (MIRA 13:11)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta tuberkuleza Minzdrava RSFSR (direktor - kand.med.nauk V.F.Chernyshev).
(ANKLE--SURGERY) (FOOT--SURGERY)
(LOCAL ANESTHESIA)

KOVALEV, D.F., kand.med.nauk

Fixation of the spine in tuberculous spondylitis by homo-transplantation from the ribs. Ortop.travm.i protez. no.6: 12-14 '61. (MIRA 14:8)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta tuberkuleza Ministerstva zdravookhraneniya RSFSR (dir. - V.F. Chernyshev, zav. kostnokhirurgicheskim otdeleniyem - kand.med.nauk Ye.N. Stanislavleva).
(SPINE—TUBERCULOSIS) (RIBS—TRANSPLANTATION)
(BONE GRAFTING)

KOVALEV, D.F., kand.med.nauk; FROM, A.A.

Polyglucin in the prevention and treatment of surgical shock in patients with osteoarticular tuberculosis. Probl.tub. 38 no.6: 65-68 '60. (MIRA 13:11)

1. Iz Nauchno-issledovatel'skogo instituta tuberkuleza (dir. - kand.med.nauk V.F. Chernyshev, nam. dir. po nauchnoy chasti - prof. D.D. Areyev) Ministerstva zdravookhraneniya RSFSR i TSentral'nogo ordena Lenina instituta gematologii i perelivaniya krovi (dir. - chlen-korrespondent AMN SSSR prof. A.A. Bagdasarov).
(DEXTRAN) (BONES--TUBERCULOSIS) (SHOCK)

KOVALEV, D.F., starshiy nauchnyy sotrudnik (Moskva, prosp. Mira, d.[illegible], kv.[illegible])

Substitution of bone defects in the surgical treatment of tuberculous spondylitis. Ortop., travm.i protez. 24 no.9:[illegible] S '63. (MIRA 17:4)

1. Iz Moskovskogo instituta tuberkuleza Ministerstva zdravookhraneniya RSFSR (dir. - kand.med.nauk T.P.Mochalova).

KOVALEV, D.N.

Acute appendicitis in reverse location of the internal organs.
Zdrav. Bel. 7 no. 4:72 Ap '61. (MIRA 14:4)

1. Iz kafedry khirurgii (zaveduyushchiy - professor A.M. Boldin) Belorusskogo instituta usovershenstvovaniya vrachey i khirurgicheskogo otdeleniya Minskoy oblastnoy bol'nitsy (glavnyy vrach G.A. TSgoyev).
(APPENDICITIS) (VISCERA—ABNORMITIES AND DEFORMITIES)

KOVALEV, D. P.

Railroad Engineering

Overall mechanization of earthwork in building railroads, Biul. stroi. tekh., 9 , No. 11, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. UNCLASSIFIED.

KOVALEV, D.P., inzh.

Experience in constructing overhead power lines. Transp.stroi. 7 no.5:17-18 My '57. (MIRA 10:11)
(Electric lines--Poles) (Electric railroads)

KOVALEV, D. P.

"The adaptation of engineer F. L. Kovalev's method in construction industry," Construction Industry, 1952.

KOVALEV, D.P., inzhener.

[Stakhanovite methods of assembling doors and windows; Engineer F.L.Kovalev's method of joinery] Stakhanovskie priemy sborki dverei i okon; metod inzh. F.L.Kovaleva v stoliarnom proizvodstve. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1952. 36 p. (MLRA 6:8)
(Joinery)

KOVALEV, D. P.

USSR/Engineering - Construction, Bridges Apr 52

"Construction of Small Bridges According to Obligatory Technological Rules," D. P. Kovalev, Engr

"Byul Stroitel Tekh" No 4, pp 11-14

Discusses construction practice of Odessa District which jointly with Kiev Normative Sta developed technological procedure for building 2-track railroad bridges 1 and 2 m long with massive concrete foundation and 3, 4 and 9.3 m long with rubble-concrete foundations on pile footing. 21, 24, 34 and 35 working days are required for constructing bridges of 1, 2, 3 and 9.3 m length, resp.

212T43

1. KOVALEV, D. P., Eng.

2. USSR (600)

4. Hollow Brick, Tile, etc.

7. Use of ceramic stone blocks for covering between floors. Biul. stroi. tekh. no. 23 1952.

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

KOVALEV, D.P.

KOVALEV, D.P., redaktor; KHITROV, P.A., tekhnicheskiy redaktor;

[House painting, wallpapering, and work with glass] Maliarnye, oboinye i stekol'nye raboty. Moskva, Gos. transp. zhel-dor. izd-ve, 1953. 27 p. (MLRA 7:8)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye zheleznodorozhnogo stroitel'stva Zapada.
(House painting) (Paper hanging) (Glass construction)

KOVALEV, D. P.

PA 248T70

USSR/Engineering - Bridge Construction 28 Feb 53
Reinforced Concrete

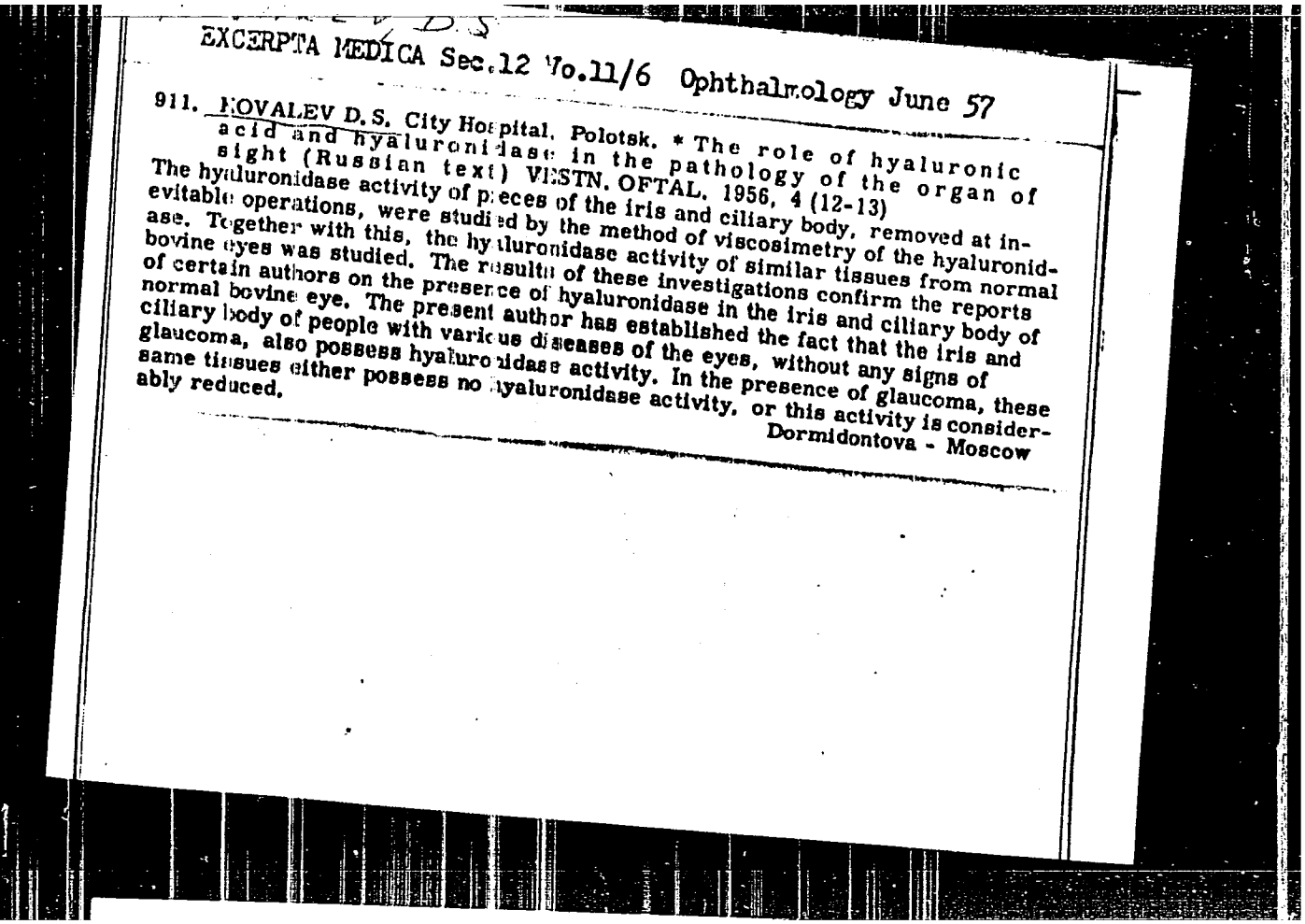
"The Assembly of Large-Span Reinforced Concrete Bridge Constructions," Engr D. P. Kovalev, Orgvostroy Zapada, Ministry of Transportation

Byull Stroit Tekh, No 4, pp 18-22

Describes overpass and railroad bridge [location not given] assembly of prefabricated reinforced concrete girders. These girders, 18.9-22 m long, weighing 38-74 tons, were prefabricated at the Slavutskiy Reinforced Concrete Constructions Plant The RR bridge is 5-span, each span 18.9 m long.

248T70

Office for Organization & Standardization of Construction & Restoration Operations (West)



EXCERPTA MEDICA Sec.12 Vo.11/6 Ophthalmology June 57

911. KOVALEV D.S. City Hospital, Polotsk. * The role of hyaluronic acid and hyaluronidase in the pathology of the organ of sight (Russian text) VESTN. OFTAL. 1956, 4 (12-13)

The hyaluronidase activity of pieces of the iris and ciliary body, removed at inevitable operations, were studied by the method of viscosimetry of the hyaluronidase. Together with this, the hyaluronidase activity of similar tissues from normal bovine eyes was studied. The results of these investigations confirm the reports of certain authors on the presence of hyaluronidase in the iris and ciliary body of normal bovine eye. The present author has established the fact that the iris and ciliary body of people with various diseases of the eyes, without any signs of glaucoma, also possess hyaluronidase activity. In the presence of glaucoma, these same tissues either possess no hyaluronidase activity, or this activity is considerably reduced.

Dormidontova - Moscow

KOVALEV, D.S.

The role of hyaluronic acid and hyaluronidase in ocular pathology.
Vest.oft. 70 no.3:40-44 My-Je '57. (MIRA 10:8)

1. Polotskaya gorodskaya bol'nitsa imeni V.I.Lenina
(EYE DISEASES, metab.
hyaluronic acid & hyaluronidase in eye)
(HYALURONIC ACID, metab.
in eye during eye dis.)
(HYALURONIDASE, determ.
same)

KOVALEV, D. S. Cand Med Sci -- (diss) "Data concerning the study of the system of hyaluronic acid - hyaluronidase under normal conditions and during certain diseases of the organ of sight." Smolensk, 1958. 13 pp (Smolensk State Med Inst), 150 copies (KL, 36-58, 115)

KOVALEV, D.S., kand.med.nauk

Effect of cortisone (adresone) on intraocular pressure in rabbits. Vrach. delo 4:74-75 Ap '62. (MIRA 15:5)

1. Smolenskiy meditsinskiy institut.
(CORTISONE) (INTRAOCULAR PRESSURE)

KOVALEV, D.S., kand.med.nauk

Studies on biochemical disorders in the tissues of the eye in glaucoma. Vest.oft. no.1:8-12 '62. (MIRA 15:11)

1. Kafedra glaznykh bolezney (zav. - prof. M.Z. Popov) Smolenskogo meditsinskogo instituta.

(GLAUCOMA) (CATARACT) (ADENOSINE PHOSPHATES)