SHCHURKVSKIY, V.Ye.; STEPANOV, P.A.

Forty years of the All-Union Institute of Experimental Veterinary Medicine. Veterinariia 35 no.1:40-49 Ja '58. (MIRA 11:2)

1. Zamestitel' Vsesoyuznogo instituta eksperimental'noy veterinarii (for Shchurevskiy). 2. Uchenyy sekretar' Vsesoyuznogo instituta eksperimental'noy veterinarii (for Stepanov).
(Veterinary laboratories)

TERENT'YEV, F.A., prof.; SHCHUREVSKIY, V.Ye., kand.veterinarnykh nauk

All-Union Institute for Experimental Veterinary Medicine during forty years of Soviet rule. Trudy VIEV 23:29-48 '59. (MIRA 13:10)
(Veterinary medicine)

SHCHUREVSKIY, V.Ye., kand.veterin.nauk; SHUBIN, V.A., kand.veterin.nauk

Throughout the Soviet Union. Veterinariia 36 no.10:94-95
O '59. (MIRA 13:1)
(Pathology--Congresses)

SHCHUKOVSKIY, V.Ye., kand. veterin. nauk

Pathoanatomical evaluation of the seroallergic reaction in paratuberculosis of cattle. Veterinariia 38 no.2:23-25 F '61. (MIRA 18:1)

1. Vsesoyuznyy institut eksperimental'noy veterinarii.

PODDUBSKIY, I.V., prof.; SHCHUREVSKIY, V.Ye., kand.veter.nauk;
ALIKAYEVA, A.P.

Materials on a study of paratuberculosis in agricultural animals.
Trudy VIEV 26:115-134 '62. (MIRA 16:2)

1. Laboratoriya po izucheniyu tuberkuleza i paratuberkuleza
Vsesoyuznogo instituta eksperimental'noy veterinarii.
(Johne's disease)

GAZARKH, Z.S., starshiy nauchnyy sotrudnik; SHCHUREVSKIY, V. Ye., starshiy nauchnyy sotrudnik

Diagnostic importance of allergy in Johne's disease of goats. Veterinariia 39 no.6:39-41 Je '62 (MIRA 18:1)

1. Vsesoyuznyy institut eksperimental'noy veterinarii.

SHCHUREVSKIY, V.Ye., kand. veterin. nauk

Allergy and the reaction of complement fixation in ~~the experi~~-mental paratuberculosis of goats. Veterinariia 41 no.4:20-21 Ap '64. (MIRA 17:8)

1. Vsesoyuznyy institut eksperimental'noy veterinarii.

SHCHURIK, Grigoriy Leont'yevich [Shchuryk, Hryhorii]; GAYDUCHOK, G.A. [Haiduchok, H.A.], red.; KLOKOVA, S.M., tekhn.red.

[Our wings] Nashi kryla. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1960. 19 p. (MIRA 13:12)
(Novo-Georgiyevskiy District--Agriculture)

MILANCHEV, A.S.; SHCHURIN, R.M.

Remodeling of tube furnaces for flameless burning. Khim. i tekh.topl.i masel 6 no.7:34-38 Jl '61. (MIRA 14:6)

1. Giproneftemash.
(Furnaces)

SHCHURIN, R.M., inzh.

Vibrational burning in furnaces with furnace walls consisting of banks of panel burners. Prom. energ. 20 no.11:27-30 N '65. (MIRA 18:11)

L 24621-66

ACC NR: AP6010829 SOURCE CODE: UR/0065/66/000/004/0043/0046

66
B

AUTHOR: Shchurin, R. M.

ORG: Giproneftemash

TITLE: Vibratory combustion in fireboxes with panel burners

SOURCE: Khimiya i tekhnologiya topliv i masel, no. 4, 1966, 43-46

TOPIC TAGS: combustion chamber, laminar flow, turbulent flow , combustion, furnace

ABSTRACT: Experimental and industrial studies were made on several kinds of furnaces having fireboxes with walls made of panel burners in order to determine the causes of vibratory combustion. Gases of various compositions were burned. GBP-100, GBP-144, and GBP-169 burners (the number indicates the number of nipples) were used and the flow regimes of the gas-air mixtures were analyzed. It was found that for fireboxes equipped with Giproneftemash panel burners the vibratory combustion regime in industrial furnaces corresponds to a transition flow regime in the gas-air mixture. This dependence is observed in both large and small fireboxes. Orig. art. has: 3 figures, 6 tables.

SUB CODE: 21,13 / SUBM DATE: 00/ ORIG REF: 002/ OTH REF: 000

UDC: 66.041.544

Card 1/1 PB

L 54831-65

ACCESSION NR: AP5014950 UR/0065/65/000/006/0044/0046
66.041.544

AUTHOR: Shchurin, R. M.

17
B

TITLE: Onset of vibrational combustion in ovens with panel burners

SOURCE: Khimiya i tekhnologiya topliv i masel, no. 6, 1965, 44-46

TOPIC TAGS: combustion, combustion gas dynamics, combustion gas kinetics, combustion heat, combustion kinetics, combustion process, heat, heat wave, heat conduction, heat convection

ABSTRACT: The mechanism of the instability onset in flameless ovens with panel burners was studied. Their types, dimensions of separate equipment, and the investigation results are tabulated. A schematic drawing of a panel burner is shown in Fig. 1 on the Enclosure. The burner differs from other types by its ability to form a directed stream of heat from a large radiation surface. It was noted that a quiet burning resulted from laminary flow along the nipples, while vibration began during the transition to the turbulent state. The gas-air mixture flow was evaluated by the Re criterion. Convection movement near a vertical hot plate had the form of a regular simusoidal wave. At Re <critical>

Card 1/3

L 54831-65
ACCESSION NR: AP5014950

the irregular oscillations were almost absent. At Re → $Re_{critical}$, only the regular sinusoidal oscillations were present; they intensified with the increase in turbulence. At Re = $Re_{critical}$, their amplitudes reached maximum and became constant. Further increase in the Reynolds number resulted in a sudden change from sinusoidal oscillations to high frequency pulsations typical of turbulent motion. During the heating of the gas-air mixture its velocity and viscosity increased. The Reynolds number dropped along the nipple. Temperature of the mixture reached 600C near the nipple exit at 20-25C of the entrance temperature. According to the calculations, at such temperatures the mixture flow at the nipple exit should be laminary or transitional, even if it were turbulent at the entrance. However, the onset of the transition state in the nipple excites the primary low frequency oscillations. Orig. art. has: 2 tables and 1 figure.

ASSOCIATION: EIS Giproneftmash

SUBMITTED: 00 ENCL: 01 SUB CODE: FP,TD

NO REF SOV: 002 OTHER: 001

Card 2/3

L 54831-65

ACCESSION NR: AP5014950

ENCLOSURE: 01

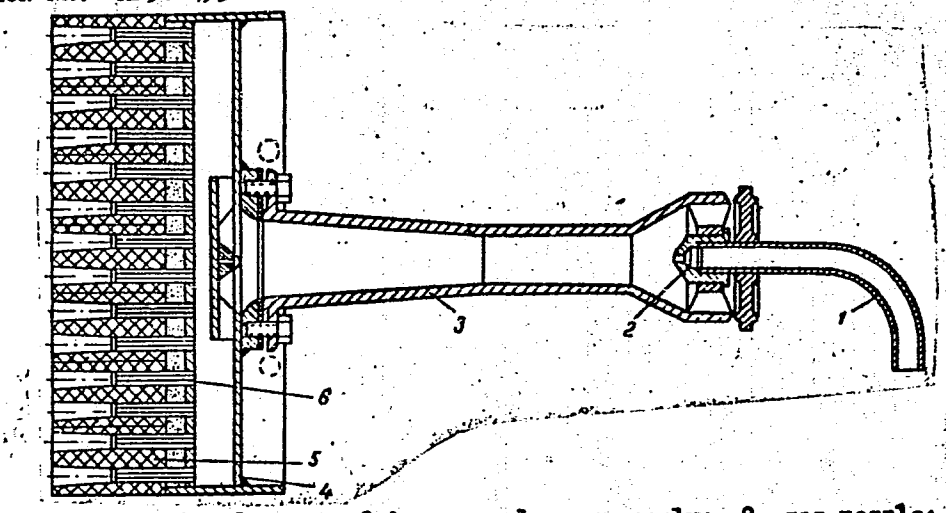

Fig. 1. Flameless panel burner. 1- gas supply; 2- gas nozzle; 3- injector; 4- back wall; 5- ceramic tunnels; 6- burner nipples

Card 3/3

SOKOLOV, V. P.

"Modifications by Weathering in the Structure, Composition, and Properties of Lower Cretaceous Clay," Dok. Akad. Nauk SSSR, 49, 5., Moscow, 1945.

SHCHURKALEV, Il.; IARUKOV, L.; SVETOSLAVOVA, Ef.; BELCHEVA, M.

Manual extraction of the placenta and manual and instrumental examination of the uterus following labor. Khirurgiia, Sofia 7 no.9:538-545 1954.

1. Meditsinska Akademiia Mulko Chervenkov, Sofiia. Katedra po akusherstvu i ginekologiia. Zavezhdashch katedrata: prof. G.Boiadzhiev.

(PLACENTA,
manual extraction)
(UTERUS,
exam. after labor)
(LABOR,
uterus exam. after labor)

SHCHURKALEV, I.; FILIPOVA, V.; VASILEV, B. posvemena na nashiia liubim uchitel prof. Georgi Boiadzhiev.

Investigations on applications of sulfonamides in ovarian cysts and adnexal tumors. Khirurgiia, Sofia 8 no.3:213-216 1955.

1. Vissh meditsinski institut V. Chervenkov-Sofiia katedra po akusherstvo i ginekologiia. Zav.katedrata: prof. G. Boiadzhiev

(OVARIES, cysts,
ther.,sulfonamides)
(ADNEXA UTERI, neoplasms,
ther., sulfonamides)
(CYSTS,
ovaries, ther.,sulfonamides)
(SULFONAMIDES, therapeutic use,
cysts of ovaries & tumors of adnexa)

[illegible]

[illegible]. [illegible] and D. [illegible] *

"Our Experiences with Methylergometrine as Hemorrhage Preventative in the Placental Period in Obstetrics."

Sofia, Suvremenna Meditsina, Vol 13, No 11, 1962: pp 13-20.

Abstract [English summary modified]: Detailed clinical data on 1,000 parturients, whereof 500 received Swiss-made Methergine (Sandoz) and 500 Czech-made methylergometrine (Spida): untreated controls averaged 286 ml. blood loss, Methergine 126 and Czech drug 107.7. Either of the two preparations also accelerated placental expulsion and reduced uterine atonia, temperature and other undesirable symptoms. Table, two diagrams, no references.

*Department of Obstetrics and Gynecology (Katedrata po akusherstvo i ginekologiia) Head (rukovoditel) Prof [illegible], Medical College (MI "Visshi meditsinski institut"), Sofia.

1/1

[redacted], L., A.

Sventitskiy, L. A.

"An Electromagnetic Method of Controlling Certain Processes in the Dressing of Useful Minerals." Acad Sci USSR. Inst of Mining. Moscow, 1955 (Dissertation for the degree of Candidate in Technical Sciences)

SO: Knizhnaya letopis' No. 27, 2 July 1955

SHCHUKKIN N.A

Viscometer with an automatic registration of the drop-time of the sphere. R. I. Derazhne, V. D. Popov, and Yu. B. Frenkel. *Zavodskaya Lab.* 21, 731–3(1955).—A viscometer is described for measuring η up to 3000 poises by the drop-time of a sphere falling through the liquid. The time is registered automatically by the passage of the sphere through an elec. coil. Automatic differential viscometer. N. A. Shchurkin. *Zavodskaya Lab.* 21, 734–5(1955).—An automatic differential viscometer is described which is particularly useful for a comparative evaluation of η for a liquid with respect to a standard. J. Rovtar Leach

(3)

SHCHURKIN,N.A.

Automatic differential viscosimeter. Zav.lab.21 no.6:734-735 '55.
(MLRA 8:9)

1. Institut gornogo dela Akademii nauk SSSR.
(Viscosimeter)

SHCHURKIN, N. A.

222. ELECTRO-MAGNETIC METHOD OF INDICATING THE MOVEMENT OF MINERAL PARTICLES DURING GRAVITY CLEANING. Klassen, V.I. and Shchurkin, N.A. (Gorn. Zh. (Min. J., Moscow), Apr. 1956, 44-49). The method described is based on changes in the inductivity of a reel with a variable number of coils during the displacement in it of a ferro-magnetic particle. The method differs from others previously used in that it does not involve any external intervention in the system under examination while ensuring an accurate indication of the speed, acceleration, path and direction of vertical displacement of marked particles in a medium of other particles during short periods of time. Mathematical analysis of the influence of separate variable factors on the characteristic of movement of particles may prove very helpful in studying the fundamentals of a theory of movement of particles during gravity preparation processes. N.C.B.

SHCHURKIN, N.A., inzh.

Automatizing the regulation of launder-trough performance.
Obog. i brik. ugl. no.7:33-37 '58. (MIRA 12:7)
(Coal washing--Equipment and supplies)
(Automatic control)

S/194/61/000/012/045/097
D256/D303

AUTHOR: Shchurkin, N. A.

TITLE: Electromagnetic control of enrichment processes

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 12, 1961, 28, abstract 12V237 (Gornyy zh., 1961, no. 4, 61-63)

TEXT: A description is given of instruments for analysis in the enrichment process of powder mixtures and suspensions containing ferromagnetic materials. The system of the instruments is based upon an electromagnetic method of measurement. The instrument devised for determining ferromagnetic material contents in powder mixtures includes 2 inductance coils connected by a different scheme to a transformer winding with a central point termination. A milliammeter with a rectifier was connected diagonally in the circuit. To compensate for the non-linearity of the rectifier at low currents a negative shift was introduced though an identical rectifier from an additional winding of the transformer. The error

Card 1/2

is ≤3%. The arrangement for continuous control and automatic regulation of ferromagnetic suspension density consists of a small inductive coil set on a non-magnetic pipe and a regulation instrument ЭПП-09 (EPP-09). The instrument devised for continuous control of magnetic ore contents in the flowing suspension consists of two independent systems: A piezoelectric element for continuous control of solid material contents in a unit volume of the flowing suspension, and an inductive gauge for controlling the amount of ferromagnetic material in the same volume. The signals from both systems are fed into the recording and regulating unit EPP-09. There are 3 figures. / Abstractor's note: Complete translation. /

LUKHTANOV, D.; SHCHURKIN, P.

All-purpose livestock structure. Sel'. stroi. 15 no. 3:18 Mr '61. (MIRA 14:5)

1. Upravlyayushchiy trestom "Saratovoblstroy" (for Lukhtanov).
2. Glavnyy inzh. proyektnogo instituta "Privolzhgiprosel'-khozstroy" (for Shchurkin).
(Farm buildings)

OSIPOVA, V.V., kand. tekhn. nauk; SHCHURKIN, P.N., inzh.; GOLOMAN, I.R., red.; ZHEBRAKOV, V.I., red.; TROFIMOVA, L.A., red.

[Precast bearing framing of three-hinged reinforced concrete frames in rural construction] Sbornye nesushchie karkasy iz zhelezobetonnykh trekhsharnirnykh ram v sel'skom stroitel'stve. Moskva, Trest "Orgsovkhozstroi," 1963. 11 p. (MIRA 18:4)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye po delam sel'skogo i kolkhoznogo stroitel'stva.

CHIBRIKOVA, Ye.V.; SHCHURKINA, I.I.; BAZUNOVA, L.P.

Accelerated identification of Vibrio comma. Zhur.mikrobiol.epid.i immun. 31 no.1:16-22 Ja '60. (MIRA 13:5)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo instituta epidemiologii i mikrobiologii Yugo-Vostoka SSSR "Mikrob."
(VIBRIO)

CHIBRIKOVA, Ye.V.; SHCHURKINA, I.I.; TABAKOV, P.K.; MOSOLOVA, O.N.

Possibility of using specific fluorescent antibodies for the rapid detection of Vibrio cholerae in water. Zhur.mikrobiol., epid. i immun. 33 no.3:9-14 Mr '62. (MIRA 15:4)

1. Iz Vsesoyuznogo nauchno-issledovatel'skogo instituta "Mikrob".
(WATER—MICROBIOLOGY) (ANTIGENS AND ANTIBODIES)
(VIBRIO COMMA)

[redacted], A.F., Cand Tech Sci -- (diss) "Study of the building properties of high strength silicate concrete and possibilities of reinforcing it for stress." Gor'kiy, [redacted] pp (Min of Higher Education USSR. Gor'kiy Engineering Building Inst im V.P. Chkalov) 150 copies (KL, 41-91, 116)

SHCHUROV, A.F., inzh.

Clamp for stressing high-strength wire in making prestressed reinforced concrete construction elements. Bet. i zhel.-bet. no.3:115-116 Mr '58. (MIRA 11:3)

(Prestressed concrete)

SHCHUROV, A.F.

Studying some problems in reinforcing autoclave hardened silicate concrete using prestressed elements. Izv.vys.ucheb.zav.; stroi. i arkhit. no.5:63-80 '58. (MIRA 12:1)

1. Gor'kovskiy inzhenerno-stroitel'nyy institut imeni V.P. Chkalova.
(Prestressed concrete--Testing)

28(5) SOV/115-59-4-5/27

AUTHORS: Kravtsov, Ye.A. and Shchurov, A.F.

TITLE: Measuring Deformations by Portable Indicators (Izmereniye deformatsiy perenosnymi indikatorami)

PERIODICAL: Izmeritel'naya tekhnika, 1959, Nr 4, pp 9-10 (USSR)

ABSTRACT: Using stationary instruments for measuring structural deformations of construction elements is not always possible or advantageous. At the Gor'kovskiy inzhenerno-stroitel'nyy institut (Gor'kiy Construction Engineering Institute), the authors designed portable indicators for measuring the deformation of beams, concrete structure, etc. They consist of modified dial indicators as shown in figures 1 and 2. The accuracy of these instruments is equal to the accuracies of the dial indicators used. There are 2 diagrams.

Card 1/1

SHCHUROV, A.F., kand.tekhn.nauk

Fine concretes for prestressed construction elements. Bet. i zhel.-bet. no.8:363-367 Ag '60. (MIRA 13:8)
(Prestressed concrete)

RUNOV, V.K., inzh.; SHIVANOV, V.N., inzh.; SHCHUROV, A.F., inzh.

Large slabs of silicate concrete surfacing. Stroi. mat. 7 no.3: 26-28 Mr '61. (MIRA 14:4)
(Concrete slabs) (Silicates)

SHCHUROV, A.F.

Investigation of the structural properties of high-strength silicate concrete and the possibility of prestressing it. Trudy GISI no. 30:113-156 '61. (MIRA 16:9)

RUNOV, V.K., kand.tekhn.nauk, dotsent; SHCHUROV, A.F., kand.tekhn.nauk, dotsent; SHERONOV, V.I., inzh.

Sectional reinforced structures of lime concrete. Trudy GISI no.43:65-71 '63. (MIRA 17:4)

KARTSEV, M.A.; ALEKSANDRIDI, T.M.; KNYAZEV, V.D.; TAMETOV, G.I.; LEGEZO, L.S.; LAVRENYUK, Yu.A.; SHCHUROV, A.I.; BRUSENTSOV, N.P.; KUZNETSOVA, V.P.; BRUK, Isaak Semenovich, red.; BEZBORODOV, Yu.M., red.; GAVRILOV, S.S., tekhn.red.

[The M-2 high-speed calculating machine] Bystrodeistvuiushchaia vychislitel'naia mashina M-2. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1957. 228 p. (MIRA 11:3)

1. Chlen-korrespondent AN SSSR (for Bruk)
(Electronic digital computers)

SHCHUROV, A.I., assistent

Effect of voltage fluctuations on the operation of a d.c. traction motor. Trudy MIIT no.117:39-51 '60. (MIRA 13:10)
(Electric railway motors)

SHCHUROV, I.

All collective farms are engaged in an active building program. Sel'.stroi. 11 [i.e. 12] no.1:7 Ja '57. (MLRA 10:3)

1. Nachal'nik Novosibirskogo rayonnogo otdela po stroitel'stvu v kolkhozakh Novosibirskoy oblasti.
(Farm building)

SHCHUROV, I.V.

Potentialities for the efficient utilization of materials and equipment. Zhel.dor.transp. 42 no.4:38-44 Ap '60.
(MIRA 13:7)

1. Nachal'nik Glavnogo upravleniya material'no-tekhnicheskogo obespecheniya Ministerstva putey soobshcheniya.
(Railroads--Equipment and supplies)

TARABAYEV, S.I.; DEMCHENKO, R.S.; SHCHUROV, K.A.

Equilibrium in sulfide - chloride systems. Izv.AN Kazakh.SSR. Ser.met.,obog.i ogneup. no.2:13-25 '58. (MIRA 16:2)
(Systems (Chemistry)) (Hydrometallurgy)

TARABAYEV, S.I.; SHCHUROV, K.A.; MEDVEDKOV, B. Ye.

Rate of dissolution of lead and zinc sulfides in hydrochloric acid solutions. Trudy Inst. met. i obogashch. AN Kazakh. SSR 3:134-147 '60. (MIRA 14:6)
(Sulfides—Metallurgy)
(Hydrometallurgy)

FASMAN, A.B.; SOKOL'SKIY, D.V., akademik; BYKOV, A.V.; SHCHUROV, K.A.
NURUSHEV, A.

Potentiometric study of catlytic hydrogenation in dielectric media. Dokl. AN SSSR 142 no.4:874-877 F '62. (MIRA 15:2)

1. Kazakhskiy gosudarstvennyy universitet im. S.M.Kirova.
2. AN KazSSR (for Sokol'skiy).
(Hydrogenation)
(Catalysts)
(Electrochemistry)

SHCHUROV, M.

Correction to Stepanov's suggestion. Mias.ind.SSSR 30 no.2:20 '59. (MIRA 13:4)

1. Rybinskiy myasokombinat.
(Hides and skins)

SHCHUROV, MIKHAIL VLADIMIROVICH.

Rukovodstvo po dvigateliam vnutrennego sgoraniia. Izd. 2. perer. Moskva, Gosenergoizdat, 1947. 471 p. diagrs.

Manual of internal combustion engines.

DLC: TJ755.S5 1947

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

KOROTAYEV, Aleksey Ivanovich, dotsent, kand. tekhn. nauk; MAKSHANOV, Vladimir Isayevich, kand. tekhn. nauk; BLAZHKIN, A.T., doktor tekhn. nauk, prof., retsenzent; SHCHUROV, N.V., inzh.-elektrik, retsenzent; DVORAKOVSKAYA, A.A., tekhn. red.

[Circuits for the automatic control of electric drives; manual] Skhemy avtomaticheskogo upravleniia elektroprivodami; uchebnoe posobie . Leningrad, Leningr. mekhan. in-t, 1960. 259 p. (MIRA 14:7)

(Automatic control) (Electric driving) (Electric circuits)

SHCHUROV, S., kand. ekon. nauk

Is that the way to utilize electric power? Nauka i pered. op. v sel'khoz. 8 no. 7:59-63 Jl '58. (MIRA 11:8)
(Electricity in agriculture)

SHCHUROV, S.

Electrification and technological progress in agriculture. Vop.ekon. no.5:27-35 My '61. (MIRA 14:5)
(Electricity in agriculture) (Farm mechanization)

BUDZKO, I., akademik; SHCHUROV, S.

Problems of rural electrification. Vop. ekon. no.3:55-64 Mr '63. (MIRA 16:3)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I. Lenina (for Budzko).
(Electricity in agriculture)

SHCHUROV, S.A., kandidat tekhnicheskikh nauk; MALASHKIN, O.M., inzhener, retsenzent; TIKHONOV, A.Ya, tekhnicheskiy redaktor; POPOVA, S.M., tekhnicheskiy redaktor

[Fuel systems of Soviet tractors] Sistemy pitaniia otechestvennykh traktorov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1954. 251 p. [Microfilm] (MLRA 8:3)
(Tractors--Fuel systems)

SHCHUROV, S. A.

USSR/Engineering - Fuel swirl caps

Card 1/1 : Pub. 12 - 8/16

Authors : Malshkin, O. M.; Molchanov, A. P.; and Shchurov, S. A.

Title : Fuel swirl caps of a new design, for combustion chambers of the D-35 engine

Periodical : Avt. trakt. prom. 8, 24-25, Aug 1954

Abstract : A description is presented of a new type of fuel swirl cap designed by the Scientific Automotive Institute, and produced by the Lipetsk Tractor Factory. Diagrams depicting the above mentioned component are presented, together with tables giving technical specifications.

Institution : .....

Submitted : .....

SHCHUROV, S.A.

595. USE OF RADIOACTIVE ISOTOPES FOR ESTIMATING THE EFFECT OF THE DUSTINESS OF AIR ON WEAR IN A TRACTOR ENGINE. Nisnevich, A.I. and Shchurov, S.A. (Izv. Akad. Nauk SSSR, Otdel. Tekh. Nauk (Bull. Acad. Sci. U.S.S.R., Sect. Tech. Sci.), July 1955, 149, 150). Inserts of radioactive zinc were placed at every 45° round a piston ring and observations made on the oil. Natural dust was sucked into the air intake. Wear of the diesel engine used was found to rise in proportion to the quantity of dust inhaled. When the dust was separated into fractions, the 10-20 micron fraction caused the most wear.

(1)

USSR/Engineering - Engine Wear FD-3240

Card 1/1 Pub. 41-21/22

Author : Nisnevich, A. I. and Shchurov, S. A., Moscow

Title : The use of radioactive isotopes to determine the influence of dust in the air on the wear of a tractor engine

Periodical : Izv. AN SSSR, Otd. Tekh. Nauk 7, 149-150, Jul 55

Abstract : Describes results of test employing radioactive zinc inserts placed 45 degrees apart on periphery of piston ring (2 inserts at ring joint) of D-54 tractor engine operated with varying content and composition of dust in intake air. One table, 2 graphs.

Institution :

Submitted : 9 April 1955

SHCHUROV, S.A., kandidat tekhnicheskikh nauk.

Investigation of tractor air filters. Avt. i trakt. prom. no.6:6-10 Je '56. (MLRA 9:9)

1. Nauchno-issledovatel'skiy avtotraktornyy institut.
(Air filters) (Tractors)

SHCHUROV, S.A., kand.tekhn.nauk

Effect of dust on the wear of tractor engines and methods for eliminating this effect. [Trudy] NATI no.17:3-26 '58. (MIRA 11:8)
(Tractor engines--Maintenance and repair)

SHCHUROV, S.A., kand.tekhn.nauk

Using coefficients of cleaning efficiency in evaluating the operations of air filters. [Trudy] MATI no.17:27-32 '58. (MIRA 11:8)

(Air filters)

SHCHUROV, S.A., kand.tekhn.nauk

Dry dust separation used in tractor engines. [Trudy] NATI no.17: 33-53 '58. (MIRA 11:8)
(Tractor engines--Maintenance and repair) (Air filters)

SHCHUROV, S.A., kand.tekhn.nauk; BONDARENKO, F.A.

Recent Russian and foreign air filters used in tractors. [Trudy] NATI no.17:54-106 '58. (MIRA 11:8)
(Air filters)

MAYEV, V.Ye.; SHCHURCV, S.A.

Testing tractor air cleaners and designs of motorless testing stands. Trakt.i sel'khozmash. no.6:15-19 Je '59.
(MIRA 12:9)

1. Nauchno-issledovatel'skiy avtotraktornyy institut.
(Tractors--Engines) (Air filters)

SHCHUROV, S.A.

New air filter in the "Vladimirets" tractor. Trakt.i sel'khozmash. no.8:7-9 Ag '59. (MIRA 12:11)

1. Nauchno-issledovatel'skiy avtotraktornyy institut.
(Tractors) (Air filters)

SHCHUROV, S.A., kand.tekhn.nauk, MAYEV, V.Ye.

Developments in the design of tractor engine air cleaners. Trakt. i sel'khozmash. 30 no.8:12-15 Ag '60. (MIRA 13:8)

1. Nauchno-issledovatel'skiy avtotraktornyy institut.
(Automobiles--Engines) (Air filters)

SHCHUROV, S. G.

"The Five-Year Plan for the electrification of agriculture", by S. G. Shchurov. at the Power Engr. Inst. im KRZHIZHANOVSKIY of the Acad. Sce. USSR.

SO: Elektrichestvo, No 5, Moscow, May 1947 (U-5533)

SHCHUKOV, S. V.

21945. SHCHUKOV, S. V.
Elektrifikatsiya zhivotnovodstva. Sots. zhivotnovodstvo, 1949, No2, s. 84-87

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949.

SHCHUROV, S.V.

Organization problems of electric machine and tractor stations. Mekh. i elek.sel'khoz. no.4:56-64 Ap '53. (MLRA 6:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii sel'skogo khozyaystva. (Machine-tractor stations)

SHCHUROV, S.V., kand. econ. nauk.

Lenin's precept is put into effect. Nauka i pered. op. v sel'khoz. 7 no.11:47-49 N '57. (MLRA 10:11)
(Rural electrification)

AIDRIANOV, V.N., doktor tekhn.nauk; BERSENEV, Ye.Ye., inzh.; BYSTRITSKIY, D.N., kand.tekhn.nauk; GREBENNIKOV, A.F., kand.tekhn.nauk; GRETSOV, N.A., kand.tekhn.nauk;ZUYEV, V.A., kand.tekhn.nauk; KLIMOV, A.A., kand.tekhn.nauk; KOROLEV, V.F., kand.tekhn.nauk; KUDRYAVTSEV, I.F., kand.tekhn.nauk; KULIK, M.Ye., kand.tekhn.nauk; NAZAROV, G.I., kand. tekhn.nauk; OLEYNIK, N.P., inzh.; OSETROV, P.A., kand.tekhn.nauk; PODSOSOV, A.N., inzh.; POPOV, S.T., inzh.;PRISHCHEP,L.G., kand. tekhn.nauk; PCHELKIN, Yu.N., inzh.; RUBTSOV, P.A., kand.tekhn.nauk; RUNOV, B.A., kand.tekhn.nauk; SAVINKOV, K.P., kand.tekhn.nauk; SAZONOV, N.A., prof., doktor tekhn.nauk; SERGEYEV, A.S., inzh.; SKVORTSOV, P.F., kand.tekhn.nauk; SMIRNOV, B.V., kand.tekhn.nauk; SMIRNOV, V.I., kand.tekhn.nauk; TYMINSKIY, Ye.V., inzh.; URVACHEV, P.N., kand.tekhn.nauk; SHTURMAN, B.A., inzh.; SHCHUROV, S.V., kand.ekon.nauk; RUNOVA, L.M., inzh.; VOL'FOVSKAYA, D.N., red.; NIKITINA, V.M., red.; BALLOD, A.I., tekhn.red.

[Manual on the use of electric power in agriculture] Spravochnik po primeneniiu elektorenergii v sel'skom khoziaistve. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 606 p. (MIRA 11:5)
(Electricity in agriculture)

SHCHUROV, S.V., kand.ekon.nauk

Economic indicators of modern electrically driven mobile agricultural machinery. [Nauch.trudy] VIESKH 3:188-197 '58. (MIRA 13:4)

(Agricultural machinery--Electric driving)

SHCHUROV, S.V., kand. ekon. nauk

Determining the effectiveness of capital investments in rural electrification. Mekh. i elek. sots. sel'khoz. 17 no.2:28-31 '59. (MIRA 12:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii sel'skogo khozyaystva.
(Rural electrification)

SHCHUROV, S.V., kand.ekon.nauk; BEYLIS, M.Ye., kand.tekhn.nauk

Technological charts for the over-all electric mechanization of dairy farms. Mekh.i elek.sots.sel'khoz. 17 no.6:37-40 '59. (MIRA 13:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii sel'skogo khozyaystva.
(Electricity in Agriculture) (Dairying)

SHCHUROV, S.V., kand.ekonomicheskikh nauk

"Farm electrification in the U.S.A." by M. P. Novikov and others. Reviewed by S. V. Shchurov. Mekh. i elek. sots. sel'khoz. 19 no.2:63-64 '61. (MIRA 14:3)
(United States—Electricity in agriculture)
(Novikov, M.P.) (Smirnov, G.L.) (Budzko, I.A.) (Radin, K.S.) (Shlikhter, A.A.)

SHCHUROV, V.; LUTSYUK, N.

Work practice in medical services to stockbreeders in northern Kazakhstan. Zdrav.Kazakh. 16 no.8:7-8 '56. (MLRA 10:1)

1. Zamestitel' zaveduyushchego Severo-Kazakhstanskim oblzdravotdelom (for Shchurov). 2. Zaveduyushchiy Presnovskim rayzdravotdelom (for Lutsyuk)
(KAZAKHSTAN--MEDICINE, RURAL)

ZHURAVLEV, Ye.F.; SHEVELEVA, A.D.; BOGDANOVSKAYA, R.L.; KUDRYASHOV, S.F.; SHCHUROV, V.A.

Solubility in the ternary water - salt systems containing cerium nitrate and an alkali metal nitrate. Zhur. neorg. khim. 8 no.8: 1955-1963 Ag '63. (MIRA 16:8)

1. Permskiy gosudarstvennyy universitet.
(Cerium nitrates) (Alkali metal nitrates)
(Solubility)

MURAV'YEV, I.M.; SHCHUROV, V.I.; GO SHAN-PIN [Kuo Shang-P'ing].

Effectiveness of hydraulic fracturing of strata. Neft. khoz. 35 no.12:32-41 D '57. (MIRA 11:2)
(Petroleum engineering)

SHCHUROV, V.I.; TRUBINA, A.F.

Solving the problem on fluid flow toward the well in a fractured layer by electrolytic modeling. Trudy VNII no.16:86-105 '58. (MIRA 11:12)

(Geological modeling) (Hydraulics)

[illegible], V.B., [illegible], V.Ya., cand. tekhn. nauk; [illegible], V.M., inzh.

Study of the pressure control system of a [illegible] operating in a frequency regulatory mode. Elek. sta. 34 no.7:[illegible] Jl '63.
(MIRA 16:11)

[illegible]

[illegible] hydrothermal uranium
[illegible] Mines '65.
(MIRA 18:8)

SHCUROV, V.P., inzhener.

Adjusting the firing process in the boiler. Energetik 4 no.10:14-15 O '56. (MLRA 9:11)

(Boilers)

SHCHUROVA, L., agronom

Sainfoin on lands which are hard to till. Nauka i pered. op v sel'khoz 9 no.5:22-23 My '59. (MIRA 12:8)
(Sainfoin)

SH[illegible]A, L. I.

Shch[illegible]rova. L. I. "Clinic and pathogenesis of reflex paralyses and contractures," Sbor[illegible] tr[illegible], Kl[illegible]n[illegible] nerv. bolezney (Yerevansk. gos. med. in-t), I-II, 194[illegible] p. 107-28 -- In Armenian -- Summary in Russian

So: U-35[illegible], 1[illegible] March 53, (Letopis 'Zhurnal 'nykh Statey, No. 1[illegible], 1949)

GUSEV, S.I.; SHCHERBOVA, L.M.

Pyridylazo compounds as metallochrome indicators. Report No.1: 5-(2-pyridylazo)-2-monoethylaminoparacresol as an analytical reagent. Zhur. anal. khim. 19 no.7:799-801 '64.
(MIRA 17:11)

1. Perm Medical Institute.

GUSEV, S.I.; SHCHERBOVA, L.M.

Pyridylazo compounds as metallochrome indicators. Report No.2: Complexometric determination of bismuth in the presence of 5-(2-pyridylazo)-2-monoethylaminoparacreso. as an indicator. Zhur. anal. khim. 19 no.8:964-967 '64.

(MIRA 17:11)

1. Permskiy meditsinskiy institut.

28.2000 1013, 1031, 1121 2513

S/078/61/006/008/003/018
B121/B203

AUTHORS: Seyfer, A. L., Shteyn, V. S., and Shchurova, S. S.

TITLE: Use of electron computers for transducing names of complex compounds into formulas

PERIODICAL: Zhurnal neorganicheskoy khimii, v. 6, no. 8, 1961, 1759-1761

TEXT: The authors give some chemical and logical principles for transducing names of complex compounds into formulas with a universal electron computer of the type ЛЭМ-1 (LEM-1). The use of electron computers is made on the basis of four basic blocks:
(1) block for the separation of syllables,
(2) analytic block,
(3) block for combinations,
(4) block for the synthesis of formulas.
In block (1), the chemical compound is divided into single syllables. The formula is simplified in block (2). Block (3) records parantheses and indices of formulas. Block (4) distributes parantheses and indices of complex compounds as dependent on the number of ligands and the character of complex compounds (anionic and cationic). The entire process from

Card 1/2

introducing the name of the complex compound to the printing of the formula is automatic and consists of 3500 - 6000 logical and arithmetical operations. It takes 3-5 seconds. The process is explained with the aid of examples such as: dicyano-(1+)-potassium argentate was introduced; the electron computer supplied the following figures: 00212 00001 37777 00201 00001 00205 00002 37777 00001, which correspond to the formula: $K_1(Ag_1,(CN)_2)$-. There are 1 table and 8 references: 7 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: Ref. 7: JUPAC. Nomenclature of Inorganic Chemistry, 1957. Report of the Commission of Nomenclature of Inorganic Chemistry, L, 1959.

ASSOCIATION: Institut nauchnoy informatsii Akademii nauk SSSR (Institute of Scientific Information of the Academy of Sciences USSR)

SUBMITTED: May 5. 1960

SEYFER, A.L.; SHCHUROVA, S.S.; POLYUSUK, Yu.A.

Automatic information retrieval system for inorganic com-
pounds. NTI no.10:26-29 '63. (MIRA 17:1)

S/137/62/000/004/198/201
A154/A101

AUTHORS: Gut'ko, A. D., Shchurova, Ye. I.

TITLE: On increasing the sensitivity of spectrographic determination of impurities in refined platinum and palladium

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 4, 1962, 12, abstract 4K74 ("Nekotoryye vopr. emission. i molekulyarn. spektroskopii", Krasnoyarsk, 1960, 91 - 101)

TEXT: Sublimation of highly-volatile and concentration of difficultly-volatile impurities are carried-out by an arc discharge. Regular feed of impurities to the discharge permits raising the sensitivity of spectrographic determination of impurities in refined Pt and Pd by 5 - 1,000 times. For example, in the course of complete evaporation of a Pd test sample out of the anode, Cu and Ag evaporate first, followed in succession by Pt, Ro, Ir, Fe and Ni. The sensitivity rises with the change in the relation between the concentration of impurities and the base at the beginning and at the end of test sample evaporation. While spectra are being photographed, it rises during time intervals when there

Card 1/2

HONNA, Otakar; SHCHIPANOVA, T.N.[translator]; RAYEVSKIY, N.P., doktor tekhn. nauk, red.; SHCHUROVA, Yu.P., red.; LARIONOV, G.Ye., tekhn. red.

[Tensometer bridge networks]Tenzometricheskie mosty. Pod red. N.P.Raevskogo. Moskva, Gosenergoizdat, 1962. 333 p. (MIRA 15:10)

(Tensiometers) (Transducers)

SHCHUROVENKOV, B.G. (Bezenchuk, Kuybyshevskoy oblasti)

Vegetation dynamics on lands lying idle for various periods. Bot.zhur. 41 no.6:880-883 Je '56. (MLRA 9:10)
(Waste lands) (Botany--Ecology)

SHCHUROVSKIY, N.,inzh.

Pneumatic transprotation of corn cobs. Muk.-elev.prom. 27 no.12: 13 D '61. (MIRA 15:2)

1. Dolinskiy zavod po obrabotke gibridnykh i sortovykh semyan kukuruzy.

(Pneumatic-tube transportation)

SHCHUROVSKIY, N.

We are improving the treatment of corn seeds. Muk.-elev. prom. 28 no.5:20 My '62. (MIRA 15:5)

1. Nachal'nik smeny Dolinskogo zavoda po obrabotke gibridnykh i sortovykh semyan kukuruzy.

(Corn (Maize))

Shchurovskiy, V.G.

137-58-5-9298

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 73 (USSR)

AUTHOR: Shchurovskiy, V.G.

TITLE A Method of Producing Lean Converter Slags From Copper Smelting by Employing Matte (Obedneniye konverternykh shlakov mednoy plavki s pomoshch'yu shteyna)

PERIODICAL Izv. AN KazSSR. Ser. gon. [should be "gorn.", Transl. Note] dela, metallurgii, str-va i stroymaterialov, 1957, Nr 4 (15), pp 131-136 (Summary in Kazakh)

ABSTRACT Converter slags of the Balkhash copper-smelting plant were treated at various temperatures with mattes from the same plant. Investigations were carried out in an installation consisting of a shaft furnace containing a graphite crucible which, in turn, contained a fireclay crucible of 250-300 cm^3 capacity. The crucible was equipped with a fireclay stopper with three apertures. A porcelain tube, 5-8 mm in diameter, was inserted into the first opening to serve as an inlet for N_2; the second opening held a quartz funnel through which molten matte was poured; the jacket of a thermocouple was installed in the third opening. The Cu content in the slag may be reduced to 0.8% after treatment with the

Card 1/2

137-58-5-9298

A Method of Producing Lean (cont.)

matte, this process requires 10-15 minutes. To render the transfer of Cu into the matte as complete as possible, the temperature of the mass in the converter must be maintained within a range of 1230-1250°C.

G.S.

1. Copper ores--Processing 2. Slags--Properties 3. Crucibles--Materials
4. Crucibles--Design

Card 2/2

SHCHUROVSKIY, V.G.

Precipitation of nickel and cobalt from converter slags of the nicel industry by sulfidizing with elementary sulfur. Izv.AN Kazakh.SSR.Ser.met., obog.i ogneup. no.2:77-84 '58. (MIRA 16:2)

(Nickel industry--By products) (Cobalt)

SHCHETSAYOK G.

18(5,3) PHASE I BOOK EXPLOITATION SOV/2094

Akademiya nauk Kazakhskoy SSR. Institut metallurgii i obogashcheniya

Trudy, t. 1 (Transactions of the Institute of Metallurgy and Ore Dressing, Kazakh SSR Academy of Sciences, Vol 1) Alma-Ata, Izd-vo AN Kazakhskoy SSR, 1959. 159 p. 1,225 copies printed.

Ed.: Yu. N. Kuznetsov; Tech. Ed.: Z.P. Morokina; Editorial Board: V.D. Ponomarev (Resp. Ed.), B.N. Lebedev, A.N. Grigorovich, L.P. Ni, R.A. Inokova, I.R. Polyvyannyy (Resp. Secretary), and Ye. I. Ponomareva.

PURPOSE: This book is intended for metallurgists and metallurgical engineers.

COVERAGE: This is a collection of articles dealing with various aspects of process metallurgy, principally nonferrous, and with related matters such as treatment of ore concentrates, properties of slags, etc. Topics discussed include precipitation of copper from slags, extraction of arsenic from speiss, recovery of rare metals from smelting dust, electrolytic precipitation of lead and zinc, and drying of lead-zinc concentrate. Three articles are concerned with the metal, thallium. The articles are accompanied by Soviet and non-Soviet references.

TABLE OF CONTENTS:

Transactions of the Institute (Cont.) SOV/2094

Inakova, R.A., and Ye. I. Ponomareva. Treatment of Materials Containing Antimony and Arsenic by the Method of Sulfidation and Sublimation 37

Shchurovskiy, V.G. Precipitation of Copper from Slags by the Sulfidation Method 46

Ponomareva, Ye. I., Ye. G. Svirchevskaya, and L.G. Plekhanov. Extraction of Arsenic From Speiss 53

Ponomareva, Ye. I., and Ye. G. Svirchevskaya. Alkaline Method of Treating Polymetallic Ores 58

Grigorovich, A.N., Ye. L. Shalavina, N.A. Milyutina, Ye. G. Svirchevskaya, and T.D. Gorina. Group Extraction of Cadmium, Indium, Thallium, and Zinc From Lead-smelting Dusts 65

Card 3/5

SHCHUROVSKIY, V.G.

Isolating nickel from waste slags by sulfidizing by means of elementary sulfur. Izv.AN Kazakh.SSR.Ser.met.obog.i ogneup. no.2:65-69 '60. (MIRA 13:8)
(Nickel) (Ore dressing)

PENZIMONZH, I.I., kand.tekhn.nauk; SHCHUROVSKIY, kand.tekhn.nauk; KOZHAKHMETOV,S., inzh.

Testing of a new method of flash smelting of copper concentrates. TSvet. met. 34 no.6:39-44 Je '61. (MIRA 14:6)

1. Institut metallurgii i obogashcheniya AN KazSSR.
(Copper--Metallurgy)

KERSHANSKIY, I.I.; VORONIN, I.S.; SAVRAYEVA, K.Ye.; GNATYSHENKO, G.I.; SHCHUROVSKIY, V.G.; SHOKOBAYEV, Sh.D.

Pilot plant testing of the electric smelting of high-silicon copper concentrates without previous roating. TSvet.met. 34 no.9:24-34 S '61. (MIRA 14:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tsvetnykh metallov (for Kershanskiy, Voronin, Savrayeva). 2. Institut metallurgii i obogashcheniya AN KazSSR (for Gnatyshenko, Shchurovskiy). 3. Kazakhskiy politekhnicheskiy institut (for Shokobayev).
(Copper--Electrometallurgy)

KERSANDKI, I.I. [Kershanskyy, I.I.]; VORONIN, I.S.; SVRAEVA, K.E. [Savrayeva, K.Ye.]; GNATISENKO, G.I. [Gnatyshenko, G.I.]; SCIUROVSKI, V.G. [Shchurovskiy V.G.]; SOKOBAEV, S.D. [Shokobayev, Sh.D.]

Semiindustrial research on the electromelting of the raw high-silicon copper concentrates. Analel matalurgie 16 no.1:51-63 Ja-Mr '62.

TSEFT, [illegible]; [illegible]ZEV, [illegible]; [illegible], [illegible]; [illegible], A.F.; [illegible]LOV, [illegible]; [illegible], K.I.; [illegible], V.V.

Liquative electric smelting of Dzhezkazgan copper concentrates with the prodiction of high calcium slag. Trudy Inst. met. i obog. AN Kazakh. SSR 8:40-49 '63 (MIRA 17:8)

SHCHUROVSKIY, V.G.

Ways of nonferrous metal recovery from slag. Trudy Inst.met.i obog. AN Kazakh.SSR 11:192-200 '64.

Metal recovery from converter slags by settling. Ibid.:201-209 (MIRA 18:4)