

SHESTAKOV, M.N., dotsent, kandidat tekhnicheskikh nauk.

Mechanization of the construction of underground communication lines in the
USA. (From materials of the foreign mission). Gor.khoz.Mosk. 21 no.3:33-41
(MLRA 6:11)

Mr '47.

(United States--Excavating machinery)

(Excavating machinery--United States)

SHESTAKOV, M.N., dotsent, kandidat tekhnicheskikh nauk.

Scientific research study on Moscow's water supply and sewerage system. Gor.
khoz.Mosk. 21 no.6:21-23 Je '47. (MLBA 6:11)
(Moscow--Water supply) (Moscow--Sewerage)

AUTHOR: Shestakov, M.P. SOV/96-58-5-20/24
TITLE: Control formulae for gas analysis. (Kontrol'nye formuly dlya gazovogo analiza)
PERIODICAL: Teploenergetika, 1958, No.6. pp. 90-91 (USSR)
ABSTRACT: If a gas analysis is made at several successive sections in the gas flow, a certain formula is commonly recommended for use in checking that the results are consistent. This brief note proposes certain modifications to this formula. It is claimed that, in verifying the correctness of selection of gas sampling points and in checking the accuracy of analyses, the modified formula obviates preliminary determinations of the characteristics of the fuel or the CO content of the combustion products.

1. Gases--Analysis 2. Mathematics--Applications

Card 1/1

SHESTAKOV, N.

Excavating Machinery

Proper operation of an excavator. Za ekon. mat. No. 1, 1952.

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

SHESTAKOV, N., mayor

The naval infantry attacks. Voен.znan. 41 no.11:10-11 N '65.
(MIRA 18:12)

1. Dvazhdy Krasnoznamenny Baltiyskiy flot.

SHESTAKOV, N., prepodavatel'

Study room for specialized subjects in the river navigation
schools. Prof.-tekh. obr. 21 no.10:22-23 0 '64.

(MIRA 17:11)

1. Gorodskoye professional'no-tekhnicheskoye uchilishche No.8,
Novosibirsk.

SOV/137-58-9-18573

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 9, p 56 (USSR)

AUTHORS: Medzhibozhskiy, M.Ya., Sokolov, I.A., Shestakov, N.A.,
Vasil'yev, A.N.

TITLE: Compressed Air Blowing of Liquid Metal in Heavy-duty Open-
hearth Furnaces (Vduvaniye kompressornogo vozdukha v zhid-
kuyu vannu bol'shegruznykh martenovskikh pechey)

PERIODICAL: Izv. vyssh. uchebn. zavedeniy. Chernaya metallurgiya, 1958,
Nr 2, pp 34-47

ABSTRACT: A report on the results of 40 experimental smeltings carried
out in the 390-ton open-hearth furnaces of the KMK (Kuznetsk
Metallurgical Kombinat). Compressed air at a pressure of 3.5-
5.0 atm gage was introduced into the hearth at a rate of 2500-
2800 m³/hr by means of two water-cooled tuyeres installed in
the crown of the furnace. The blowing commenced 1-1.5 hrs
prior to melting and terminated at the beginning or the mid-
point of the pure "boil" period. In the course of the experi-
mental smeltings, the rate of decarbonization became consider-
ably faster, the dephosphorization process more efficient, and
the content of FeO in the slag increased by 6% at the end of the

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Compressed Air Blowing of Liquid Metal in Heavy-duty Open-hearth (cont.)

melting stage. Instead of 1.0-1.5°C/min, as in the case of a standard smelting process, the temperature of the metal increased at a rate of 2.0-2.5°C/min; this made it possible to reduce the consumption of conventional fuel by an average of 7 kg per ton of ingots. In the process the degree of utilization of O₂ contained in the compressed air by the molten metal is increased by a factor of 4-8 owing to the increased supply O₂ from the atmosphere of the furnace. Compressed-air blowing at a pressure of 5.5 atm gage is equivalent in efficiency to blowing with pure O₂. The duration of a 390-ton melting process was reduced by 38 minutes on the average. The amount of dust being evolved during blowing does not exceed 1 g/m³. No noticeable wear was observed in the furnace lining. Overoxidation of metal in the course of the blowing process was absent; at the same time the content of N amounted to only 0.0033%. The finished metal contains H, O, N, and slag inclusions in quantities analogous to those contained in standard metals. Mechanical properties of the steel were not impaired.

V.G.

1. Open hearth furnace--Performance 2. Metals (Liquid)--Processing 3. Compressed
air--Applications

Card 2/2

AUTHOR SHESTAKOV N.A., Deputy Director, Martin-Furnaces, PA-3056
Kuznetsk Metallurgical Combine.

TITLE We Shall Exceed the Plan by 7000 Tons of Steel.
(Dadim sverkh plana 7000 tonn stali.- Russian)

PERIODICAL Metallurg 1957, Vol 2, Nr 4, pp 13 - 15 (USSR)
Received: 5/1957 Reviewed: 7/1957

ABSTRACT 1932 saw the delivery of the first melt of the Martin furnace Nr 1; our combine supplied the basic construction areas of the Five-Year-Plans with iron metals. These years were also years of learning the complicated steel melting methods for the former construction workers of the combine who have remained here as metallurgical workers. They have succeeded in steadily increasing the output of steel by better organization of production, utilization of existent capacities, application of most recent techniques in furnace construction and heat technology, change of working methods, qualitative improvements, shortening of interruptions with an additional increase of the furnace path of the Martin furnaces. This was publicly recognized several times by the competent central authorities. In order to improve the charging, the loading capacity of the charging boxes was increased, and it will reach 1.75 m³ by 1957. Together

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We Shall Exceed the Plan by 7000 Tons of Steel. PA-3056

of steel melting, for the reduction of the duration of melting, and for savings of raw and auxiliary materials: experiments of deoxidation of rail steel without blast furnace iron silicon, deoxidation of boiling steels in the evaporating boiler, melting of weakly alloyed metal in the large charging furnace, etc. Work towards qualitative improvement led to a sharp reduction of waste (47 % in 1956 as compared to 1951). 720,000 rubles of net costs were saved in 1956. In 1951-56 the system of suggestions existing in the combine resulted in 718 used suggestions which saved 4,500,000 rubles. The melting of dynamo steel was simplified by deoxidizing it in the boiler rather than in the furnace. The work at the hearth accretion was mechanized, dephosphorization was changed. Together with the growth of the combine, an increase took place also in the number of those persons who were promoted from subsidiary to higher and more responsible positions. In 1957, the combine faces complicated tasks: The plan for January 1957 was not fulfilled. The reason for this will be found in the unsatisfactory

CARD 3/4

SHESTAKOV, N.F.; SHESTERNIN, M.F.

Detachable ball-shaped hammer for excavators used in crushing hard
rocks. Rats. i izobr. predl. v stroi. no.79:19-20 '54. (MIRA 8:4)
(Excavating machinery)

SHESTAKOV, N.F., brigadir ekskavatorshchikov; IONOV, N.A., brigadir
ekskavatorshchikov

Using excavators in cleaning and deepening reservoirs.
Suggested by N.F.Shestakov, N.A.Ionov. Rats.i izobr.predl.v
stroi. no.11:87-89 '59. (MIRA 13:3)

1. Leningradskoye upravleniye tresta Gidrospetsmetallurg-
stroy.

(Reservoirs)

YAKIMENKO, A.Ya.; SHESTAKOV, N.I.

Work of the Krasnodar Territory Veterinary and Sanitation
Station. Veterinariia 40 no.10:4-5 0'63. (MIRA 17:5)

1. Direktor Krasnodarskoy krayevoy veterinarno-sanitarnoy
stantsii (for Yakimenko). 2. Starshiy veterinarnyy vrach
Krasnodarskoy krayevoy veterinarno-sanitarnoy stantsii
(for Shestakov).

TUMANOVSKIY, M.N., prof.; SHESTAKOV, N.M.; GARMASH, V.Ya.

Significance of electrokymography in the diagnosis of mitral defects complicated by cardiac fibrillation. Kardiologiya 5 no.2:12-16 Mr-Apr '65. (MIRA 18:7)

1. Kafedra gospital'noy terapii (zav. - prof. M.N.Tumanovskiy) Veronezhskogo meditsinskogo instituta.

TAVROVSKIY, V.M.; SHESTAKOV, N.V.

Use of the new plasma substituting solution Polywinal in
pulmonary surgery. Probl. tub. 40 no.6:68-71 '62
(MIRA 16:12)

1. Iz otdeleniya torakal'noy khirurgii Kirovskogo oblastnogo
protivotuberkuleznogo dispansera (glavnyy vrach - zasluzhennyy
vrach RSFSR V.R. Zolotarevskiy) i filiala Leningradskogo nauchno-
issledovatel'skogo instituta perelivaniya krovi v gorode Ki-
rove (dir. - zasluzhennyy vrach RSFSR N.V.Shestakov).

TAVROVSKIY, V.M.; SHESTAKOV, N.V.

Experience in the use of polyvinol in thoracic surgery. Vest.
khir. 70 no.6:14-18 Je'63 (MIRA 16:12)

1. Iz khirurgicheskogo otdeleniya (zav. - V.M.Tavrovskiy)
Kirovskogo oblastnogo protivotuberkuleznogo dispansera
(glavnyy vrach - zasluzhennyy vrach RSFSR V.R. Zolotarevskiy)
i filiala Leningradskogo instituta perelivaniya krovi v gor.
Kirove (dir. - zasluzhennyy vrach RSFSR N.V.Shestakov).

SHESTAKOV, N.V., zasluzhennyy vrach RSFSR, kand. med. nauk (Kirov, tsentr. ul. Karla Marksa, d.62, kv.24); SMETANIN, F.M.

Use of a synthetic polyvinol solution as a plasma substitute in orthopedic operations on children. Ortop., travm. i protez. (MIRA 18:9) 26 no.8:28-32 Ag '65.

1. Iz filiala Leningradskogo instituta perelivaniya krovi v Kirove (dir. = N.V. Shestakov) i Detskogo ortopedo-khirurgicheskogo otdeleniya (zav. = F.M. Smetanin) Kirovskogo oblastnogo gosspitalya dlya invalidov Otechestvennoy voyny (nachal'nik = P.N. Smirnov).

AUTHOR: Shestakov, P.A.

136-6-15/26

TITLE: Return of Intermediate Products without Pumps. (Vozrat promproduktov bez nasosov)

PERIODICAL: Tsvetnyye Metally, 1957, No.6, pp. 70-71 (USSR)

ABSTRACT: The capacity of the pumping equipment is often the limiting factor in beneficiating plants and pump wear is heavy. Attempts to overcome this at the Leninogorsk, New Kadaya and other works have failed, but a sludge-lift, described briefly in this article, has been successfully introduced in the Klichka Beneficiation Works. The chamber of the lift-pump is a 900 x 900 x 1 150 mm iron box with an impeller-stator block built-in. The sludge is lifted through 700 mm. The advantages of the new system over the old are enumerated and flow sheets compared. There are 4 figures.

ASSOCIATION: Klichka Beneficiation Works (Klichinskaya Obogatit-el'naya fabrika)

AVAILABLE: Library of Congress

Card 1/1

GOZULOV, A.I., doktor ekonom. nauk, prof.; SHUMILIN, P.G., kand.
ekonom. nauk, dots.; SHESTAKOV, P.A., red.; SHNEYDERMAN,
K.A., red.; TOROPCHIN, N.S., red.; ZHEREBKOV, I.V., red.;
IVANOVA, R.N., tekhn. red.

[Rostov Province; nature, population, economy and culture]
Rostovskaia oblast'; priroda, naselenie, khoziaistvo, kul'tura.
Rostov-na-Donu, Rostovskoe knizhnoe izd-vo, 1961. 333 p.
(MIRA 15:3)

(Rostov Province--Economic geography)

SHESTAKOV, P. N.; ANDREYEV, O. V.; BABKOV, V. P.; ZAMAKHAYEV, M. S.; and others

Uprazheneniya Po Kursu Proektirovaniya Avtomobilnich Dorog (Exercises on the Course of Projecting Automobile Roads), Moscow, 1949.

ANDREYEV, Oleg Vladimirovich; BABKOV, Valeriy Fedorovich; GERBURT-
GEYBOVICH, Andrey Vladimirovich; ZAMAKHAYEV, Mitrofan Semenovich;
KRUTETSIIY, Yevgeniy Vladimirovich; ORNATSKIY, Nikolay Petrovich;
SEDEL'NIKOV, Pavel Ivanovich; SMIRNOV, Andrey Sergeyeovich; SHESTAKOV,
P.N. [deceased] PLOTNIKOV, S.A., redaktor; KOGAN, F.L., tekhnicheskii
redaktor.

[Examples of highway design] Primery proektirovaniia avtomobil'nykh
dorog. Izd. 2-e, perer. Moskva, Nauchno-tekhn. izd-vo avtotransp.
lit-ry, 1955. 283 p. (MLRA 8:12)
(Roads)

SHESTAKOV, S.; SMIRNOV, V.

Simplify operations of disbursements and receipts in carrying out
the state budget. Den. i kred. 17 no.7:74-77 JI '59. (MIRA 12:11)
(Banks and banking)

SHESTAKOV, S. (g. Riga)

Simple bridge rectifier network. Radio no.10:34 0 '61.

(MIRA 14:10)

(Bridge circuits) (Electric current rectifiers)

SHESTAKOV, S.D.

[Variations with age in the amino-acid content of muscle proteins]
Vikovi zminy aminokyslotnogo skladu m'iazovykh bilkiv. Kyiv, Vyd-vo
KDU, 1946. 38 p. (Universitet. Naukovo-doslidnyi instytut fiziologii
tvaryn. Naukovi zapysky. no.1) (MLRA 7:11)
(Amino acids) (Muscle)

MASTAKOV, M.M.; SHESTAKOV, S.D.

Work conducted by the Ukrainian Scientific Research Institute
of the Meat and Dairy Industry. Khar.prom. no.3:53-57 JI-S
'62. (MIRA 15:8)

(Ukraine--Research, Industrial)

SHESTAKOV, S.D.; dets.; MULYARCHUK, M.D.

[Complex production of natural amino acids from protein raw materials] Kompleksnoe proizvodstvo prirodnykh aminokislot iz belkovogo syr'ia. Moskva, TSentr. in-t nauchno-tekhn. informatsii pishchevoi promyshl., 1964. 25 p. (MIRA 18:4)

EYDINOV, M.S.; GAL'CHUN, B.R.; PEREKRESTOV, A.P.; SHESTAKOV, S.K.

Dynamics of heavily loaded Cardan transmissions. Trudy Ural.politekh.
inst. no.136:5-11 '64. (MIRA 17-10)

Investigating the wear resistance of heavily loaded Cardan trans-
missions. Ibid.:12-21

Carrying capacity of tired clutches. Ibid.:22-31

Universal stand for experimental investigation of highly loaded
Cardan transmissions and tired clutches. Ibid.:120-129

SHESTAKOV, S. N. and MAKOLKIN, I.A.

"Study of Dependence of Grain Growth and Mechanical Properties of Magnesium Alloy MA-1 on Temperature" Sb. Statey Vses. Zaach. Politekn. in-ta, No 9, 1954, 52-56

"Mechanical properties and microstructure of standard sheet material Ma-1 specimens 1.5 mm thick were tested by heating the specimens in CO₂ atmosphere. The initial grain starts growing after 30 minutes of heating at 450 Strength and plasticity decline thereafter, but if heating time is shortened to 5 minutes the mechanical properties are improved. (RZhFiz, No 11, 1955)

21-5 A

Heat-treatment of cast magnesium alloys in protective
gas atmospheres. I. A. Makolov and S. N. Sestakov. ¹
J. Appl. Chem. U.S.S.R. 27, 391-3(1954)(Engl. trans-
lation).—See C.A. 49, 17563t. H. L. H.

of

SHESTAKOV, S. N.

AID - P-94

Subject : USSR/Chemistry

Card : 1/1

Authors : Makolkin, I. A., and Shestakov, S. N.

Title : Heat treatment of the magnesium cast alloy ML-5 in protective gases

Periodical : Zhur. Prikl. Khim. 27, no. 4, 421-424, 1954

Abstract : An ML-5 alloy with high mechanical properties is obtained by heat treatment of ML-5 in protective gases (CO₂ or SO₂) in vacuo. Eight references (five U.S.S.R.): 1913-1951. Three tables.

Institution : All-Union Polytechnic Correspondence Institute

Submitted : July 30, 1952

129-58-7-8/17

AUTHORS: Shestakov, S. N. and Karnov, M. Ya, Engineers

TITLE: Structure and Properties of Alloys After Vibrational Deformation (Struktura i svoystva splavov posle vibratsionnogo deformirovaniya)

PERIODICAL: Metallovedeniye i Obrabotka Metallov, 1958, Nr 7, pp 35-38 (USSR)

ABSTRACT: Problems in the changes of the structure and properties of metals after deformation by the vibration method have so far not been studied. For elucidating the features of this type of deformation parallel investigations were made involving deformation on a vibro-press, hydraulic press and a mechanical stamping press of the aluminium alloys AK6, VD-17 and steel 40KhNMA. The macro and the micro-structures were investigated determining the hardness, the grain size and the real deformation along the height of the specimen. The blank was heated to the forging temperature or was placed in the cold state into the die and was preliminarily deformed by applying a static force of 10 to 100 tons and, following that, the vibrator was put into operation. The vibro-impact
Card 1/3 deformation was effected with a frequency up to 1250 impacts

129-58-7-8/17

Structure and Properties of Alloys After Vibrational Deformation

per minute of amplitudes of 1 to 25 mm. During each of these impacts only a very small degree of deformation takes place (small fractions of a millimetre) and the deformation speeds are lower than those obtained in other forging-pressing machinery. In the investigations specimens were used with diameters of 25 and 50 mm and heights of 10 to 25 mm. The following were investigated: hardness distribution along the surface and in the interior of the specimens using the vibro-process as well as that of deformation processes (Figs. 1 and 2); the macro-structure; the micro-structure and the grain size after recrystallisation annealing; the real degree of deformation; the structure of the rims produced by the upsetting.

The following conclusions are arrived at:

1) The vibration method of deformation produces a more uniform macro and micro-structure and a finer grain structure of the alloys after recrystallisation annealing. Accordingly, the hardness in the case of vibro-upsetting is also more uniformly distributed.

2) It was established that the vibration method of deformation reduces the required specific deformation pressures.

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Structure and Properties of Alloys After Vibrational Deformation 129-58-7-8/17

3) The here mentioned relations may be due to a decrease of the values of contact friction during vibro-deformation and they may also be due to the way in which the loads are applied.
There are 7 figures.

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SOV-135-58-9-11/20

AUTHORS: Zaburdin, M.K., Zakharenko, V.F., Shestakov, S.N., Engineers,
and Tret'yakov, F.Ye., Candidate of Technical Sciences

TITLE: Butt Welding of Titanium and its Alloys on Modernized
MSGA-300" Machines (Stykovaya svarka titana i yego splavov
na modernizirovannykh mashinakh tipa MSGA-300)

PERIODICAL: Svarochnoye proizvodstvo, 1958, Nr 9, pp 36-39 (USSR)

ABSTRACT: Information is presented on experimental investigations
carried out by NIAT on butt contact welding of titanium
ring blanks up to a cross section of 8,000 mm². Commer-
cially pure "VT-1D" and "VT-6" titanium (chemical composi-
tions given in table 1) were investigated and it was stated
that these titanium grades can be welded with or without
preheating in accordance with technological parameters
given in tables 3 and 4. Welding in argon is recommended
and can be performed on modernized machines of the type
"MSGA-300" or "MSGA-500" used at the "Elektrik" Plant.
There are 4 tables, 6 micro-photos, 2 graphs and 1 diagram.

1. Titanium--Welding 2. Titanium alloys--Welding 3. Titanium
alloys--Physical properties 4. Argon--Applications

Card 1/1

SOV/129-59-1-14/17

AUTHORS: Karnov, M.Ya. and Shestakov, S.N., Engineers

TITLE: Vibrational Deformation of Aluminium Alloys
(Vibratsionnoye deformirovaniye alyuminiyevykh splavov)

PERIODICAL: Metallovedeniye i Termicheskaya Obrabotka Metallov,
1959, Nr 1, pp 57 - 60 (USSR)

ABSTRACT: During deformation of the aluminium alloy AK6 in the cold state by means of a vibration press-hammer, the authors found that the ductility of specimens of 50 mm dia and 10 mm height, with a fibre in the perpendicular direction, was always higher than if the same specimens were in the heated state; the difference in the amount of upsetting exceeded 10 - 15%. For elucidating this phenomenon and also for the purpose of establishing optimum deformation regimes of such specimens on a vibropress-hammer, special investigations were carried out which are described in this paper. The specimens were swaged in the cold (as delivered, i.e. hot-pressed) and in the hot state and the influence was investigated of the heating temperature of the specimens and of the inserts on the ductility of the alloy. The vibration frequency was varied between 950 and 1350 c.p.min; with increasing frequency, the degree of deformation

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Vibrational Deformation of Aluminium Alloys

increased. The deformation time was varied between 1 and 15 sec. The hardness was determined on the surface of the specimen. Furthermore, the macro- and the micro-structures were studied. The deformation temperatures were measured by means of contact thermocouples which were sunk into the specimens to a depth of 10 mm; during the process of deformation, the temperature was automatically recorded. The results are graphed and tabulated and the following conclusions are arrived at:

- 1) during upsetting on a vibro-press, the deformation temperature of the specimen is determined by the heating temperature of the inserts; if the inserts are hot, the deformation proceeds in the hot state even if the specimen is not preliminarily heated; if the inserts are cold or only slightly heated, the deformation of specimens, even if heated, will take place under differing conditions, varying between conditions approaching the hot state and conditions approaching the cold state.
- 2) During upsetting between cold or slightly heated inserts of alloys which are prone to thermal hardening, the heating temperature of the specimen should be near

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SOV/129-59-1-14/17

Vibrational Deformation of Aluminium Alloys

to the annealing temperature. 3) The highest ductility and the greatest tendency to fill the moulds is obtained in the case of upsetting of cold specimens using hot inserts. Thereby, the optimum heating temperature of the inserts in the case of deformation of the alloy, AK6, is 300 - 400 °C.

There are 5 figures, 1 table and 2 Soviet references.

Card 3/3

SHESTAKOV S.P.
 VESALIUS, Andreas; TERNOVSKIY, V.N., redaktor, [translator]; SHESTAKOV, S.P.,
 [translator]; PAVLOV, I.P., akademik; PETROVSKIY, I.G., akademik, re-
 daktor; BYKOV, K.M., akademik, redaktor; KAZANSKIY, B.A., akademik, re-
 daktor; OPARIN, A.I., akademik, redaktor; SHMIDT, O.Yu., akademik, re-
 daktor; ANDREYEV, N.N., akademik, redaktor; KOSHTOYANTS, Kh.S., redaktor;
 SAMARIN, A.M., redaktor; MAKSIMOV, A.A., redaktor; SHCHERBAKOV, D.I.,
 akademik, redaktor; YUDIN, P.F., akademik, redaktor; LEBEDEV, D.M., doktor
 geograficheskikh nauk, redaktor; FIGUROVSKIY, N.A., doktor khimicheskikh
 nauk, redaktor; KUZNETSOV, I.V., kandidat filosofskikh nauk, redaktor;
 OZNOBISHIN, D.V., kandidat istoricheskikh nauk, redaktor; SHIDLOVSKAYA,
 O.G., redaktor; RUDNEVA, O.A., redaktor; KISELEVA, A.A., tekhnicheskii
 redaktor.

[Structure of the human body; in 7 books] O stroenii chelovecheskogo
 tela; v semi knigakh. Perevod s latinskogo V.N.Ternovskogo i S.P.She-
 stakova. Red. V.N.Ternovskogo. Posleslovie I.P.Pavlova. [Moskva] Izd-
 vo Akademii nauk SSSR. Vol. 2. 1954. 960 p. (MLRA 7:11)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Ternovskiy)
2. Chlen-korrespondent Akademii nauk SSSR (for Shestakov, Koshtoyants,
 Samarin, Maksimov)
 (Anatomy, Human--Early works to 1800)

L 09169-67 EWT(m)/EWP(t)/ETI/EWP(k) IJP(c) JD

ACC NR: AP7002300

SOURCE CODE: UR/0133/66/000/001/0046/0049 23

AUTHOR: Dubrovin, A. S.; Agarkova, N. A.; Shestakov, S. S.; Lastovitskaya, K. S.; Klokotina, L. I.

ORG: Chelyabinsk Scientific Research Institute of Metallurgy and Chelyabinsk Electrometallurgical Combine (Chelyabinskly n.-1. institut metallurgii i Chelyabinskly elektrometallurgicheskiy kombinat)

TITLE: Optimal conditions for melting ferromolybdenum ✓SOURCE: Stal', no. 1, 1966, 46-49 16

TOPIC TAGS: iron alloy, molybdenum alloy, metal melting

ABSTRACT: The optimal average temperature for melting ferromolybdenum is 1850-1950°C in which the heating process is determined to a large degree by duration of the process.

Control of process rate and, consequently, process temperature for metallo-thermal melting of ferromolybdenum can be achieved by changing size of charge components. Grinding ferrosilicon to less than 0.1 mm helps to accelerate the process and to reduce consumption of aluminum by a factor of 1.5-2. Maximum extraction of molybdenum into an ingot of suitable metal (up to 97.5%) and a significant lowering of the amount of tailings are simultaneously during grinding of the concentrate. Optimal conditions of the melting process:

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ACC NR: AP7002300

are insured at a concentrate particle size to ferrosilicon particle size ratio of 1.5-1.7. Orig. art. has: 4 figures, 8 formulas and 1 table. [JPRS: 35,526]

SUB CODE: 11 / SUBM DATE: none / ORIG REF: 008 / OTH REF: 002

Card 2/2 net

KIRZON, M.V.; ALLIK, T.A.; SHESTAKOV, S.V.

Biochemical characteristics of the skeletal muscles of frogs at different stages of fatigue following single stimulations of the nerve. Biul. eksp. biol. i med. 54 no.9:29-34 S '62.
(MIRA 17:9)

1. Iz kafedry fiziologii zhyvotnykh (zav.- chlen-korrespondent AMN SSSR Kh.S. Koshtoyants [deceased]) i kafedry biokhimii zhyvotnykh (zav.- deystvitel'nyy chlen AMN SSSR S.Ye. Severin) Moskovskogo gosudarstvennogo universiteta. Predstavleno deystvitel'nyy chlenom AMN SSSR S.Ye. Severinyam.

SHESTAKOV, S. V., GLAZER, V. M., FILIPPOV, V. D., STOLETOV, V. N.,

"The Biochemistry of Dissociation of Bacillus brevis GB."

report submitted for the 11th Intl., Congress of Genetics, The Hague, Netherlands,
2-10 Sep 63

SILAYEVA, S.A.; GUMER, A.M.; SHEPCHUK, S.V.; IRIN, V.S.

Нucleotides of RNA and DNA of the pathogenic and non-pathogenic
gram-negative B. Bacterium of the 5674-990-100-100.

(MIRA 10:10)

I. Kaimleshkov i biologiya-biokhimiya fakultaty Gosudarstvennogo
universiteta imeni M.V.L. Lomonosova, Moskva.

ZHEVNER, V.D.; GUSEV, M.V.; SHESTAKOV, S.V.

Change in the composition and content of pigments in blue-green algae as related to the spectral composition of light and illumination degree. Mikrobiologiya 34 no.2:209-215 Mr-Apr '65.
(MIRA 18:6)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo universiteta imeni Lomonosova.

STOLETOV, V.N.; GLAZER, V.M.; SHESTAKOV, S.V.

Content of acid soluble phosphorus compounds in different variants
of Bacillus brevis ver. G.-B. Mikrobiologiya 34 no.4:584-589 JI-Ag
'65. (MIRA 18:10)

1. Biologo-pochvennyy fakul'tet Moskovskogo gosudarstvennogo
universiteta imeni M.V.Lomonosova.

SHESTAKOV, Prof. S. V.

Docent, Hosp. Therapeutics Clinic, Gor'kiy Med. Inst., -c1948-; Mbr., Propaedeutic Therapeutic Clinic, Astrakhan Med. Inst., -c1948-. Mbr., Chair Hospital Therapy, Gor'kiy Med. Inst., -c1949-. "Data on Early Diagnosis of Cardiopathic Degeneration in Cases Indicating Cardio-Pulmonary Syndrome," Terap. Arkhiv, 20, No. 3, 1948; "Intermittant Arrhythmia in Hypertonia," Klin. Med., 26, No. 3, 1948; "Treatment of Cardio-Pulmonary Deficiencies," Sov. Med., No. 3, 1949.

PA 31/49T44

SHESTAKOV, S. V. Prof

USSR/Medicine - Heart, Electrocardio- May/Jun 48

Graphy
Medicine - Diagnosis, Methods

"Data on Early Diagnosis of Cardiopathic Degeneration in Cases Indicating Cardio-Pulmonary Syndrome," Prof S. V. Shestakov, Hosp Therapeutics Clinic, Gor'kiy Med Inst, Propaedeutic Therapeutic Clinic, Astrakhan Med Inst, 7 pp

"Terapev Arkhiv" Vol XX, No 3

Principal cardiopathic degeneration cannot be established on basis of arteriovenous pressure. Increase in pulse rate often indicates onset of

31/49T44

USSR/Medicine - Heart, Electrocardio- May/Jun 48
Graphy (Contd)

heart decompensation. Discusses limitation of X-ray examinations. Considers electrocardiogram most important indication in early diagnosis, and explains how to interpret it.

31/49T44

SHESTAKOV, S.V.

[Fibrillar arrhythmia; auricular fibrillation and flutter] Mertsatel'-
naja aritmiia; mertsanie i trepetanie predserdii. Moskva, Medgiz,
1951. 73 p. (MLBA 10:8)
(ARRHYTHMIA)

SILBERMAN, S.W., Prof.

Heart--Infraction

Course and classification of myocardial infarctions. Sov.med. 16, no. 3, 1952.

FORMER LIST OF HIS HIS ADMISSIONS, SENATE OF CONGRESS, AUGUST 1952. UNCLASSIFIED.

SHESTAKOV, S.V.

Significance of the Pavlovian theory in proper understanding of etiology and pathogenesis of coronary disease. Ter. arkh., Moskva 25 no. 1:14-19 Jan-Feb 1953. (CLML 24:1)

1. Professor. 2. Of the Propedeutic Clinic for Internal Diseases (Head -- Prof. S. V. Shestakov), Astrakhan' Medical Institute and of the Clinical Hospital of Nizhne Volzh'ye Water Public Health Department.

PEREVODCHIKOVA, N.I.; SHESTAKOV, S.V., professor, zaveduyushchiy.

Clinical aspects and diagnosis of myocardial microinfarction. Terap.arkh.
25 no.2:33-38 Mr-Ap '53. (MLRA 6:5)

1. Kafedra diagnostiki vnutrennykh bolezney Astrakhanskogo meditsinskogo
instituta (for Shestakov). 2. Basseynovaya klinicheskaya bol'nitsa imeni
Solov'eva Nizhnevolzhskogo vodzdravotdela. (Heart--Infarction)

BOGOMOLOV, B.P., student; LUSHINA, Ye.V., student; SHESTAKOV, S.V., professor,
zaveduyushchiy.

Zones of hyperalgesia in coronary insufficiency. Klin.med. 31 no.7:89 JI '53.
(MLBA 6:9)

1. Kafedra propedevtiki vnutrennikh bolezney Astrakhanskogo meditsinskogo
instituta. (Coronary arteries--Diseases) (Pain)

SHASTAKOV, S.V., professor (Astrakhan').

Classification of myocardial infarctions and myocardial micro-
infarction; answer to N.A.Kurshakov's discussion on N.I.Perevodchi-
kova's article "Clinical aspects and diagnosis of myocardial
infarction." Terap.arkh. 25 no.5:89-90 S-O '53. (MLRA 7:1)
(heart--infarction) (Kurshakov, N.A.) (Perevodchikova, N.I.)

SHESTAKOV, S.V.

Effect of certain meteorological factors on the frequency of appearance of myocardial infarction. Klin. med., Moskva 31 no.4:60-63 Apr 1953.

(CML 24:4)

1. Professor. 2. Of the Propedeutic Clinic for Internal Diseases of Astrakhan' Medical Institute and the Clinical Hospital of Lower Volga Water Department of Public Health.

SHESTAKOV, S.V., professor.

Effect on certain meteorological factors on the frequency of appearance of myocardial infarction. *Klin.med.* 34 no.4:60-63 Ap '53. (MLRA 6:7)

1. Klinika propedevtiki vnutrennykh bolezny Astrakhanskogo meditsinskogo instituta.
2. Klinicheskaya bol'nitsa Nizhnevolzhskogo vozdravotdela.
(Heart--Infarction) (Climatology, Medical)

SHESTAKOV, S.V. professor.

Electrocardiography in myocardial infarction. Terap. arkh. 27 no.7:
15-21 '55. (MLRA 9:1)

1. Iz kliniki gosspital'noy i propedivticheskoy terapii zav.-- prof.
S.V. Shestakov) Astrakhanskogo meditsinskogo instituta.
(MYOCARDIAL INFARCT, physiology,
ECG)
(ELECTROCARDIOGRAPHY, in various diseases,
myocardial infarct)

SHESTAKOV, S.V., professor

Use of dicoumarin in myocardial infarct. Terap.arkh. 28 no.6:27-32
'56. (MLR# 9:11)

1. Iz kliniki propedevtiki vnutrennikh bolezney (zav., prof. S.V.
Shestakov) Kuybyshevskogo meditsinskogo instituta.
(BISHYDROXYCOUMARIN, therapeutic use,
myocardial infarct (Rus))
(MYOCARDIAL INFARCT, therapy,
bishydroxycoumarin (Rus))

SHESTAKOV, S.V., professor (Kuybyshev)

Prevention of myocardial infarct. Klin. med. 34 no.1:35-42 Ja '56
(MLRA 9:5)

1. Iz kliniki propedevtiki vnutrennikh bolezney Kuybyshevskogo
meditsinskogo instituta i kliniki gospital'noy terapii
Astrakhanakogo meditsinskogo instituta (zav.-prof. S.V. Shestakov)
(MYOCARDIAL INFARCT, prev. and control)

USSR / Human and Animal Physiology. Heart.

T

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 70168

Author : Shestakov, S. V.

Inst : Not given

Title : The Migration of the Conduction of Stimulation in Myocardial Infarction

Orig Pub : Terapovt. Arkhiv, 1957, Vol 29, No 7, 32-35

Abstract : In the acute phase following infarction, in some patients, the typical EKG changes of infarction were replaced by disturbances in conduction, with the corresponding EKG changes indicating a block of one of the branches of the bundle of His. In other cases, the EKG picture of infarction of the anterior wall was replaced by changes typical of infarction of the posterior wall. Only in some cases were those shifts due to the development of new infarcts in the myocardium. In the majority of cases

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USSR / Human and Animal Physiology. Heart.

T

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 70168

disturbances of conduction appeared because the influence of the necrotic portion of tissue led to the development of parabolic phenomena in the conducting system of the heart and in the surrounding tissues of the myocardium. --
F. Z. Meyerson

Card 2/2

SHESTAKOV, S.V., prof., PANFILOV, Yu.A.

Cardiac insufficiency in chronic nonspecific diseases of the lungs,
treatment and prevention. Sov.med. 22 no.11:29-35 N'58 (MIRA-11;11)

1. Iz kafedry propedevtiki vnutrennikh bolezney (zav. - prof. S.V.
Shestakov) Kuybyshevskogo meditsinskogo instituta.

(LUNG DISEASES, compl.

chronic, congestive heart failure (Rus))
(CONGESTIVE HEART FAILURE, etiol. & pathogen.
chronic lung dis. (Rus))

VARGA, E.; ROZH, K. [translator]; SHESTAKOV, S.V. [translator]

Cholinesterase activity of contractile proteins (properties
and physiological role). Zmr.ob.biol. 20 no.1:3-15 Ja-F
'59. (MIRA 12:2)

1. Fiziologicheskiy institut Meditsinskogo universiteta,
Dobretsen, Vongriya.
(CHOLINESTERASE) (MYOSIN)

SHESTAKOV, S.V., prof.

Various forms of myocardial microinfarction. Kaz.med.zhur. 40
no.6:23-27 N-D '59. (MIRA 13:5)

1. Iz kliniki propedevniki vnutrennikh bolezney (zav. - prof. S.V.
Shestakov) Kyvyshevskogo meditsinskogo instituta.
(HEART--INFARCTION)

BALAKHOVSKIY, I.S.; SHESTAKOV, S.V.

Problems of biochemistry in the work of the Ninth Congress of the
All-Union Society of Physiologists, Biochemists, and Pharmacologists.
Vop.med.khim. 6 no.1:105-100 Ja-F '60. (MIRA 13:5)
(BIOCHEMISTRY--CONGRESSES)

SHESTAKOV, S.V.

Intermediate forms of coronary insufficiency between uncomplicated
angina pectoris and myocardial infarct. Terap. arkh. 32 no. 4:18-26
S '60. (MIRA 14:1)

(CORONARY HEART DISEASE)

SHRESTAKOV, S. V., MESHKOVA, N.P., VULFSON, P.L., SEVERIN, S. Y. E. (USSR)

"Effect of Carnosine and Anserine Dipeptides on the
Metabolism of Skeletal Muscle."

Report presented at the 5th int'l. Biochemistry Congress,
Moscow, 10-16 Aug 1961.

SHESTAKOV, Sergey Vyacheslavovich, prof.; DANILYAK, I.G., red.;
LYUDKOVSKAYA, N.I., tekhn. red.

[Cardiac fibrillation; auricular fibrillation and auricular
flutter] Mertsatel'naia aritmiia; mertsanie i trepetani^e pred-
serdii. 2. izd. Moskva, Medgiz, 1961. 101 p. (MIRA 15:1)
(ARRHYTHMIA)

SHESTAKOV, S.V., prof.

Protracted course of myocardial infarction. Kardiologia 1
no.3:10-18 My-Je '61. (MIRA 15:3)

1. Iz kliniki propedevtiki vnutrennikh bolezney (zav. - prof.
S.V. Shestakov) Kuybyshevskogo meditsinskogo instituta (dir. -
kand.med.nauk D.A. Voronov).

(HEART—INFARCTION)

SEVERIN, S.Ye.; SHESTAKOV, S.V.

Properties of pyruvic dehydrogenase from skeletal muscles. Dokl.
AN SSSR 140 no.6:1452-1455 0 '61. (MIRA 14:11)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
2. Chlen-korrespondent AN SSSR (for Severin).
(Pyruvic dehydrogenase)

TONGUR, V.S.; SHESTAKOV, S.V.

Fifthe International Biochemical Congress. Vop.med.khim. 8
no.1:100-108 Ja-F '62. (MIRA 15:11)

(BIOCHEMISTRY--CONGRESSES)

SHESTAKOV, Sergey Vyacheslavovich; SHTUTSER, N.V., red.; BASHMAKOV,
G.M., tekhn. red.

[Angina pectoris and infarct of the myocardium] Grudnaia zhaba
i infarkt miokarda. Moskva, Medgiz, 1962. 280 p.
(MIRA 16:1)

(ANGINA PECTORIS) (HEART--INFARCTION)

CHERTANOV, S.V., prof. (Ukrayina)

Once again about the so-called intercalated forms of coronary
insufficiency. Kardiologiya 2 no.634-31 P. '62,
(MIRA 17:8)

SHESTAKOV, S.V., prof.

Angina pectoris and myocariac infarction. Med.sestra 21 no.11:
30-34 N '62. (MIRA 16:3)

1. Iz kafedry propedevtiki vnutrennikh bolezney Kuybyshevskogo
meditsinskogo instituta.
(ANGINA PECTORIS) (HEART—INFARCTION)

SHESTAKOV, S.V.

Some pharmaceutical methods in the treatment of angina pectoris.
Kardiologiya no.1:46-52 '64. (MIRA 17:10)

1. Kafedra propedevtiki vnutrennikh bolezney kuybyshevskogo
meditsinskogo instituta.

STOLETOV, V.N.; ZHEVNER, V.D.; GARIBYAN, D.V.; SHESTAKOV, S.V.

Nitrosomethylurea induced pigment mutations in *Spizyatis nidulans*.
Genetika no. 6:61-66 D 165 (MIRA 1961)

1. Moskovskiy gosudarstvennyy universitet, kafedra genetiki i
selektzii.

L 27404-66 EWI(1) SCTB DD

ACC NR: AP6017702

SOURCE CODE: UR/0220/65/034/002/0209/0215

AUTHOR: Zhevner, V. D.; Gusev, M. V.; Shestakov, S. V.

31
B

ORG: Biology-Soil Faculty, Moscow State University im. M. V. Lomonosov (Biologo-
pochvennyy fakul'tet Moskovskogo gosudarstvennogo universiteta)

TITLE: Changes in the composition and pigment content of blue-green algae in relation
to the spectral composition of light and the intensity of illumination

SOURCE: AN SSSR. Mikrobiologiya, v. 34, no. 2, 1965, 209-215

TOPIC TAGS: algae, plant metabolism, chlorophyll, plant growth

ABSTRACT: In experiments on the blue-green algae *Nodularia* sp., *Anabaena variabilis*, and *Haplosiphon fontinalis*, a reduction of the intensity of illumination from 2,350 to 750 lux resulted in a higher rate of synthesis of pigments of all three types contained in the algae: there were increases in the chlorophylla, carotenoid, and bilichromoprotein content. Illumination with light of specific spectral composition rather than white light resulted in "chromatic adaptation" which affected mainly the content of bilichromoproteins and of chlorophyll Q, and varied depending on the kind of light used and the species of algae. The content of bilichromoproteins and of chlorophyll a and the ratio between them in all three species were altered little on illumination with yellow light, whereas the ratio between these two types of pigment changed

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UDC: 582.232.035.3

L 27404-66

ACC NR: AP6017702

substantially upon illumination with red or violet light. A constant pigment content, which did not change during further cultivation under changed conditions, was reached toward the end of the logarithmic phase of the first growth cycle of the algae. Orig. art. has: 3 figures and 3 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: 22Jul64 / ORIG REF: 003 / OTH REF: 010

Card 2/2

So

SHESTAKOV, V.

Dispatcher system in gas works. Zhil.-kom.khoz. 4 no.6:10-11 '54.
(MLRA 7:10)

1. Upravlyayushchiy trestom "Kuybyshevgorgaz".
(Kuybyshev--Gas manufacture and works) (Gas manufacture and
works--Kuybyshev)

BUDZ'KO, I., akademik; LITINSKIY, S., inzh.; RABOCHIY, L.; SHESTAKOV, V.

» Untouched frontier areas. Radio no.2:7-10 F '60.
(MIRA 13:5)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. Lenina (for Budz'ko). 2. Laboratoriya elektrifikatsii rasteniyevodstva Vsesoyuznogo nauchno-issledovatel'skogo instituta elektrifikatsii sel'skogo khozyaystva (for Litinskiy). 3. Rukovoditel' Laboratorii priborov Vsesoyuznogo nauchno-issledovatel'skogo instituta elektrifikatsii sel'skogo khozyaystva (for Rabochiy). 4. Nachal'nik Laboratorii Tsentral'nogo radiokluba Dobrovol'nogo obshchestva sodeystviya armii, aviatsii (for Shestakov).

(Radio in agriculture)

1. SHESTAKOV, V.
2. USSR (600)
4. Snow
7. Snow retention is a method of progressive scientific farming. Kolkh. proiz. 12, no. 12, 1952.

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

IVANCHENKO, S.; KASHPUR, A.; SHESTAKOV, V.

Mechanizing the administrative work. Sots. trud 6 no.8:
66-68 Ag '61. (MIRA 14:8)
(Ukraine--Machine accounting)

MOISIL, Gr. K. [Moisil, Gr.G.], akademik; OSTIANU, V.M. [translator];
SHESTAKOV, V., red.; SAGALOVICH, Yu.L., red.; POTAPENKOVA,
Ye.S., tekhn. red.

[Algebraic theory of discrete automatic mechanisms] Algebra-
icheskaia teoriia diskretnykh avtomaticheskikh ustroystv. Pod
red. V.I. Shestakova. Moskva, Izd-vo inostr. lit-ry, 1963.
680 p. Translated from the Rumanian. (MIRA 16:7)
(Electronic computers)
(Logic, Symbolic and mathematical)

YELSHIN, K., inzh. (Ufa); BRONSHTEYN, I., inzh. (Ufa); SHESTAKOV, V., slesar'
(Khar'kov); D'YACHENKO, B., slesar' (Khar'kov); SHGHUKLIN, F., inzh.-
tekhnolog (Izhevsk); KOCHMOLA, G., inzh.; KHRAMKOV, V., inzh.-konstruktor
(Gus'-Khrustal'nyy); GREYSMAN, A. (Kaltan, Kemerovskaya obl.);
SUDNIKOV, V.I. (Verkhniy Ufaley)

Advertising board. Izobr.i rats. no.9:34 S '62. (MIRA 16:3)

1. Darnitskiy vagonoremontnyy zavod (for Kochmola).
(Technological innovations)

SHESTAKOV, V.

Against the conventional method. Sov.shakht. 12 no.12:29-30
D '63. (MIRA 17:3)

1. Glavnyy inzh. ugol'no-gornorudnogo kombinata Pridneprovskogo
soveta narodnogo khozyaystva.

HESTAROV, V. A.

SKLYAROVA, V.K., otvetstvennyy redaktor; ~~SHESSTAKOV, V.A., redaktor;~~
ARALOVA, V.I., redaktor; RAZUMOVSKAYA, S.V., redaktor; TIMCHENKO, P.I.,
redaktor; TURCHANOVSKAYA, L.F., redaktor; GOLIKOVA, N.A., redaktor;
SARKISYAN, P.A., redaktor; SHTERENBERG, A.P., redaktor; MEDVEDEVA,
L.A., tekhnicheskiiy redaktor.

[Children's clothes] Detskaia odezhd. Moskva, [Izd.Gos.nauchno-
tekh.n.izd-va M-va legkoi promyshl.SSSR] 1957. 64 p. . 1 fold.pattern.
(MLRA 10:5)

(Clothing and dress)

SHESTAKOV, V. A.

Chemical Technology, Solid Fuels (11647)
Dokl. AN Tadzh. SSR, No 6, 1953, pp 9-11

SHESTAKOV, V. A.

"Method of Computing the Composition of Coals Under a Microscope Without Counting Devices"
Sample of coal is studied with the aid of an ocular micrometer.

SO: Referativnyy Zhurnal--Khimiya, No 1, 1 Jan 54; SO: (W-30785, 28 July 1954.)

KHETAGUROV, G.S.; YERGALIYEV, A.Ye.; BALOBOLKIN, A.N.; SHESTAKOV, V.A.

Rod-boring in hard rock. Trudy Akad. Nauk Kazakh. SSR 1954.1:25-46 '54.
(MIRA 10:1)

(Boring)

SHESTAKOV V.A.
KHEBTAGUROV, G.D.; SHESTAKOV, V.A.

Utilization of large scale ore mining systems and ways of improving
them. Vest. AN Kazakh. SSR 11 no.7:27-38 J1 '54. (MIRA 7:11)
(Mining engineering)

SHESTAKOV, V.A., gornyy inzhener; BALOBOLKIN, A.N., gornyy inzhener

The preparation of blocks on a continuous work schedule. Gor.zhur.
no.4:3-5 Ap '55. (Mine management) (MIRA 8:7)

SHESTAKOV, V.A.; BALOBOLKIN, A.N.

Drift mining in hard ores. Gor.zhur. no.4:55-56 Ap '55. (MLRA 8:7)
(Mining engineering)

YERGALIYEV, Abdesh Yergaliyevich; ~~SHESTAKOV~~, Viktor Aleksandrovich;
BALOBOLKIN, A.N.; ALEKSEYEV, O.I., spets, redaktor; IL'YASHENKO, L.V.,
redaktor; CHEZHIK, F., tekhnicheskij redaktor

[Work practice of leading mines in Rudnyy Altai] Opyt raboty peredovyykh gorniakov rudnogo Altaia. Alma-Ata, Kazakhskoe gos. izd-vo, 1956. 96 p. (MLRA 9:12)
(Altai Territory--Mining engineering)

KHETAGUROV, G.D.; SHESTAKOV, V.A.; BALABOLKIN, A.N.

Basic indexes of the effectiveness of high yield mining
systems in certain complex metal ore mines. Trudy Alt.
GMNII AN Kazakh. SSR no.3:110-121 '56.

(MLBA 10:2)

(Altai Mountains--Mines and mineral resources)

BALOBOLKIN, A.N., gornyy inzhener; SHESTAKOV, V.A., gornyy inzhener.

Work practices of A.F.Filippov's and I.L.Khudoliev's brigades.
Gor.zhur.no.8:57-59 Ag '56. (MIRA 9:10)
(Mining engineering)

Shestakov, V. A.

USSR/Analysis of Inorganic Substances

G-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19629

Author : A. B. Levin, V. A. Shestakov
Inst : Uralsk Polytechnical Institute
Title : Fractional Detection of Chlorine Ion

Orig Pub: Tr. Ural'skogo Politekh. In-ta, 1956, sb. 57,
57 - 60

Abstract: For the fractional detection of Cl^- , it was proposed to use the solution of $\text{Hg}(\text{NO}_3)_2$ as precipitator and the solution of $\text{Hg}_2(\text{NO}_3)_2$, that produced with Cl^- the precipitate Hg_2Cl_2 insoluble in diluted HNO_3 , as a reagent for Cl^- . The solution of $\text{Ba}(\text{NO}_3)_2$ is recommended as precipitator of SO_4^{2-} . Solution of $\text{Na}_2\text{B}_4\text{O}_7$ is used to elimin-

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SHESTAKOV, VIKTOR ALEKSANDROVICH

YERGALIYEV, Abdesh Yergaliyevich; BALOBOLKIN, Anatoliy Nikolayevich;
SHESTAKOV, Viktor Aleksandrovich; ZHAROVTSSEV, N.I., redaktor;
PARTSEVSKIY, V.N., redaktor izdatel'stva; EVENSON, I.M.,
tekhnicheskiy redaktor

[New technique and progressive work practice of the mines in the
Zyryanovsk Combine] N_ovaia tekhnologiya i peredovoi opyt raboty
na rudnikakh Zyrianovskogo kombinata. Moskva, Gos. nauchno-tekhn.
izd-vo lit-ry po cherno i tsvetnoi metallurgii, 1957. 72 p.

(MLRA 10:6)

(Zyryanovsk--Mining Engineering]

B ALOBOLKIN, A.N., gornyy inzhener.; SHESTAKOV, V.A., gornyy inzhener.

Bit for perforator drilling of deep holes in hard rock. Gor. zhur.
no.3:71-72 Mr '57. (MLRA 10:4)
(Rock drills)

Исследования
KHETAGUROV, G.D.; SHESTAKOV, V.A.

Determining the maximum ore yield from a block in block caving systems. Trudy Akad. Nauk Kazakh. SSR 4:52-68 '57. (MIRA 11:1)
(Mining engineering)

SHESTAKOV, V.A.

Determining efficient depths for rod boring in systems of sublevel
mining of hard ores. Trudy Alt. GMI AN Kazakh. SSR no. 5:47-58 '57.
(Boring) (Mining engineering) (MIRA 11:4)

SHESTAKOV, V.A.

Determining efficient depths of boreholes made by roller bit boring.
Trudy Alt. GMI AN Kazakh. SSR no.5:59-66 '57. (MIRA 11:4)
(Boring)

SHESTAKOV, V.A.

SHESTAKOV, V.A , Cand Tech Sci -- (diss) "Study of the breaking-up and discharging of ore from blocks with a system of stage forced crumbling under conditions of the Maslyanskiy and Zavodskiy pits." Alma-Ata, 1958. 14 pp with graphs (Min of Higher Education USSR. Kazakh Min-Metallurg Inst). 120 copies. Bibliography: pp 13-14 (15 titles)
(KL 20-58,99)