ABDULLAYEV, Kh.M.; ALYAVDIN, V.F.; AMIRASLANOV, A.A.; ANIKEYEV, N.P.; ARAPOV, Yu.A.; BARSANOV, G.P.; BELYAYEVSKIY, N.A.; BOKIY, G.P.; BORODAYEVSKAYA, M.B.; GOVOROV, I.N.; GODLEVSKIY, M.N.; SHCHEGLOV, A.D.; SHAKHOV, F.N.; SHILO, N.A.; YARMOLYUK, V.A.; DRABKIN, I.Ye.; YEROFEYEV, B.N.; YERSHOV, A.D.; IVANKIN, P.F.; ITSIKSON, M.I.; KARPOVA, Ye.D.; KASHIN, S.A.; KASEKAY, M.A.; KORZHINSKIY, D.S.; KOSOV, B.M.; KOTLYAR, V.N.; KREYTER, V.M.; KUZNETSOV, V.A.; LUGOV, S.F.; MAGAK'YAN, I.G.; MATERIKOV, M.P.; OBRUCHOV, M.M.; PAVLOV, Ye.S.; SATPAYEV, K.I.; SMIRNOV, V.I.; SOBOLEV, V.S.; SOKOLOV, G.A.; STRAKHOV, N.M.; TATARINOV, I.M.; KHRUSHCHOV, N.A.; TSAREGRADSKIY, V.A.; CHUKHROV, F.V.

In memory of Oleg Dmitrievich Levitskii; obiturary. Sov.geol. 4 no.5:156-158 My '61. (MIRA 14:6)
(Levitskii, Oleg Dmitrievich, 1909-1961)

S/169/63/000/002/060/127
D263/D307

AUTHOR: Kosov, B. M.

TITLE: The more important results of exploratory geological studies in Siberia and perspectives for their development

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 2, 1963, 3, abstract 2D17 (Sov. geologiya, 1962, no. 4, 3-14)

TEXT: Medium scale geological surveys covered the mountain region of Altayskiy territory, Kemerovskaya district, South Krasnoyarskiy territory, the Irkutskaya province, Yeniseyskiy Ridge, the southern regions of Transbaykal, Aldanskiy Shield, and the eastern part of the Siberian platform. Medium scale aeromagnetic surveys have been carried out, as well as more detailed geophysical studies of promising areas. A series of large and rich deposits and promising areas have been found. One of the most important achievements was the discovery of industrial oil deposits in West Siberian and

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The more important ...

Priverkhoyano-Vilyuyskaya oil- and gas-bearing areas. In the West Siberian lowlands were discovered 10 gas fields, the biggest of these being the Chuel'skoye, Pakhromskoye, and Igrimskoye deposits (holding 10 - 12 milliard m^3 each). An oil deposit (Shaimskoye) was also found in this region, and industrial oil tributaries were obtained in the Mulym'inskaya and Martym'inskaya structures. Megionskoye and Ust'-Balykskoye oil deposits were found in the central part of the lowlands. The established oil capacity of the chalk deposits considerably improves the perspectives of exploratory searches in the regions of West Siberian lowlands. On the boundary of the Vilyuyskaya syncline and the Priverkhoyanskiy depression were studied the Ust'-Vilyuyskoye (26 milliard m^3) and Sobo-Khainskoye deposits of gas. Reliable premises for the discovery of oil and gas deposits were obtained in Yakutskaya SSR. Large perspectives for the search for fat coking coals were found to exist in Kuzbassa, in connection with the discovery of large coal-bearing areas, such as the Zapadno-Terenginskaya area and the Ubinskoye, Tar'sminskoye, Kamenskoye and Chicherbayevskoye deposits. The entire Kuzbassa coking coal deposits, assessed over the pro-

The more important ...

misising areas to a depth of 600 m, amount to 21 milliard tons. In the Kansko-Achinskiy basin the Itatskoye, Nazarovskoye, and Borodinskoye coal deposits have been prepared for working, similarly the Mugunskoye brown coal and other deposits in the Irkutsk region, and Olon'-Shibirskoye and Nikol'skoye stone coal and other deposits in the Transbaykal. A survey of the Chul'makanskoye and Neryungrinskoye deposits has now been completed in the Aldano-Chulmanskiy region. The known Siberian reserves of rich and fairly rich iron ores increased from 2.6 milliard tons in 1959 to 3,4 milliard tons in 1961; the most important appears to be the Altaye-Sayanskiy region, where the extent of known deposits has considerably increased and a number of new deposits have been prepared, among them the Altay and East Sayansk groups of magnetites. New promising deposits were discovered in South Krasnoyarskiy territory (Kudinskoye, Beryabinskoye, etc.), in the Buryatskaya ASSR, and in Irkutskaya province. As a result the prospecting for lead ores in the Yeniseyskiy Ridge and in the northern Baykal region, the perspectives of the Nerchinsko-Zavodskiy district have been increased.

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The more important ...

The discovery of a Cu-Ni deposit near Noril'sk, 1961, is of very great importance; ore formations of this type were also found in other regions of the western part of the Siberian platform and in the northern Baykal region. Silicate Ni ores were observed in Salair. A wide distribution of Mesozoic bauxite-bearing weathered strata, of the platform type, has been established in the Siberian platform. In the Chadobetskoye anticlinal depression, the overall bauxite-bearing area stretches over a few hundred square kilometers. Kiya-Shaltyrskiye nepheline ores (ijolite-urtite rocks) have been discovered and prospected, and a number of analogous parts have been found. The Udokanskoye deposit of cupriferous sandstones in the Transbaykal assumes considerable importance in increasing the extraction of copper. Carbonate massifs bearing niobium and phosphate ores have been discovered, and studied in regions surrounding the Siberian platform. The demand for titanium and zirconium ores may be satisfied by working the Lower Cretaceous and Jurassic placers on the western and eastern boundaries of the platform. A number of new rich gold placers has been found, and the most promising areas have been marked for prospecting for funda-

The more important ...

mental deposits. A new fundamental deposit of diamonds has been found in the Siberian platform, at Aykal, with accompanying placers. A complex rare metal - apatite deposit was discovered during the exploration of the East Sayany carbonatites, which may satisfy the superphosphate requirements of Siberia. New phosphorite-bearing regions were found in Gornaya Shoriya, and in South Krasnoyarskiy territory, in Eastern Sayany. The growth of the resources of mica has increased by a factor of at least 2, chiefly in the Mamsko-Chuyskiy region. It was found possible to extend the boundaries of the phlogopite-bearing region within the Aldanskiy shield, where some new industrially important deposits were discovered and explored. [Abstracter's note: Complete translation.]

Card 5/5

KOSOV, B.M.

Results and problems of geological prospecting in Siberia. Razved.i okh. nedr 29 no.1:1-8 Ja '63. (MIRA 16:2)

1. Glavnoye upravleniye geologii i okhrany nedr pri Sovete Ministrov RSFSR.

(Siberia--Prospecting)

BELYAYEVSKIY, N.A., red.; ALI-ZADE, A.A., red.; ALIYEV, M.M., red.; BAKIROV, A.A., red.; BELOUSOV, V.V., red.; BEUS, A.A., red.; BOGDANOV, A.A., red.; BORISOV, A.A., red.; BRENNER, M.M., red.; DYUKOV, A.I., red.; YERSHOV, A.D., red.; ZARIDZE, G.M., red.; KALUGIN,A.S., red.; KOSOV, B.M., red.; KOPTEV-DVORNIKOV, V.S., red.; KOTLYAR, V.N., red.; LUGOV, S.F., red.; MAGAK'YAN, I.G., red.; MARINOV, N.A., red.; MARKOVSKIY, A.P., red.; MALINOVSKIY, F.M., red.; PUSTOVALOV, L.V., red.; SATPAYEV, K.I., red.; SEMENENKO, N.P., red.; TYZHNOV, A.V., red.; KHRUSHCHOV, N.A., red.; SHCHEGOLEV, D.I., red.; YARMOLYUK, V.A., red.

[Materials on regional tectonics of the U.S.S.R.] Materialy po regional'noi tektonike SSSR. Moskva, Izd-vo "Nedra," 1964. 193 p. (MIRA 17:4)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy geologicheskiy komitet.

KOSOV, B.M.; MOLCHANOV, I.I.

Evaluating the efficiency of geological prospecting. Razved. i okh. nedr. 30 no.11:29-36 N '64. (MIRA 18:4)

1. Gosudarstvennyy geologicheskiy komitet RSFSR.

VASIL'YEV, V.V.; VRONSKIY, B.I.; YEROFEYEV, B.N.; KECHEK, G.A.; KOSOV, B.M.; TUPITSYN, N.V.; TSAREGRADSKIY, V.A.; SHATALOV, Ye.T.

Sergei Dmitrivich Rakovskii, obituary. Geol.rud.mestorozh. no.3:133-134 My-Je '62. (MIRA 15:6)
(Rakovskii, Sergei Dmitrievich, 1899-1962)

9(6), 7(1) SOV/119-59-2-12/17

AUTHOR: Kosov, B. Ye., Engineer

TITLE: Photophonstimulator FFS-01 (Fotofonostimulyator FFS-01)

PERIODICAL: Priborostroyeniye, 1959, Nr 2, pp 27 - 28 (USSR)

ABSTRACT: By means of the apparatus FFS-01 both optically and acoustically different frequencies can be generated, the intensity and impulse length of which can be controlled. The apparatus is used in electrophysiology for brain investigations. The apparatus may be used for diagnosis, for the detection of ulcera and for the determination of the primary or secondary state of epilepsy. The technical characteristics of the device are: acoustic oscillations of 200, 500, 1000, 2000, and 4000 cycles (accuracy ± 5%) can be generated. The duration of an acoustic impulse is inversely proportional to the frequency. The intensity range of the acoustical impulse reaches from 0 to 100 dB, the single adjustable steps amount 10 dB. Each step is controllable from 0-10 dB. As sound emitter a dynamic loud speaker type 2-GD-II(2w) is used. Moreover, by means of this FFS-01 it is possible to generate a light excitation of 1-100 cycles within three

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maximum wave lengths as flashes: in blue light 480 mμ, in green 530 mμ, in yellow 580 mμ and in red light 650 mμ. The absorption coefficient of all light filters is 0.5. b) a light meter type Yu-16. The apparatus is delivered in a suitcase, the [illegible] case of the [illegible] and a mobile tripod of a height of 1700 mm. There is 1 figure. The FFS-01 Photophonstimulator was developed by the "Biofizpribor" Design-Technical Office as specified by the needs of the Institute of Neuro-surgery im. Burdenko.

Card 2/2

KOSOV, David Grigor'yevich; YARTSEV, N., red.; KUZNETSOVA, A., tekhn. red.

[Cheaper and better] Deshevle i luchshe. Moskva, Moskovskii rabochii, 1961. 31 p. (MIRA 14:11)
(Electrostal'--Steel industry)

KOSOV, F.F.

Fully utilize the possibilities for reducing the cost of railroad electrification. Elek. i tepl. tiaga 2 no.3:1-5 Mr '58. (MIRA 11:4)

1. Nachal'nik Transelektroproyekta.
(Railroads--Electrification--Costs)

KOSOV, F.F.; KRASOVSKIY, Ye.S.; DAVYDOV, V.N.

Problems of railroad electrification on single-phase current. Transp.stroi. 12 no.7:10-13 Jl '62. (MIRA 16:2)

1. Nachal'nik Gosudarstvennogo proyektno-izyskatel'skogo instituta po proyektirovaniyu elektrifikatsii dorog i energeticheskikh ustanovok (for Kosov). 2 Nachal'nik tekhnicheskogo otdela Gosudarstvennogo proyektno-izyskatel'skogo instituta po proyektirovaniyu elektrifikatsii dorog i energeticheskikh ustanovok (for Krasovskiy). 3. Glavnyy spetsialist Gosudarstvennogo proyektnoizyskatel'skogo instituta po proyektirovaniyu elektrifikatsii dorog i energeticheskikh ustanovok (for Davydov).
(Railroads—Electrification)

KOSOV, I.; KLEYNSHVAG, R.

Introducting stationary machinery in enterprises of Stalingrad and Saratov Cereal Products Administrations. Muk.-elev. prom. 27 no.1:6-8 Ja '61. (MIRA 14:1)

1. Zamestitel' nachal'nika Stalingradskogo upravleniya khleboproduktov (for Kosov). 2. Nachal'nik tekhnicheskogo otdela Saratovskogo upravleniya khleboproduktov (for Kleynshvag).
(Stalingrad Province—Grain elevators)
(Saratov Province—Grain elevators)

GINDIN, Ye.Z.; LEYKIN, G.A.; LOZINSKIY, A.M.; MASHEVICH, A.G.; AL'PERT, Ya.L.; CHUDESHENKO, E.F.; SHAPIRO, B.S.; GAIKIN, A.M.; GORLOV, O.G.; KOTOVA, A.P.; KOSOV, I.I.; PETROV, A.V.; SKROV, A.D.; CHERNOV, V.N.; YAKOVLEV, V.I.; MIKHAYLOV, A.A., otvetstvennyy red.; BEN'KOVA, N.P., doktor fiz.-mat. nauk, otvetstvennyy red.; SILKIN, B.I., red.; PODOL'SKIY, A.D., red.; PRUSAKOVA, T.A., tekhn. red.

[Preliminary results of the scientific research on the first Soviet artificial earth satellites and rockets; collection of articles in the 11th section of the IGY program (rockets and satellites)] Predvaritel'nye itogi nauchnyykh issledovanii s pomoshch'iu pervykh sovetskikh iskusstvennykh sputnikov zemli i raket; sbornik statei (XI razdel programmy MGG - rakety i sputniki). Moskva, Izd-vo Akad. nauk SSSR, No.1. 1958. 148 p. (MIRA 11:10)

1. Russia (1923- U.S.S.R.) Mezhduvedomstvennyy komitet po provedeniyu Mezhdunarodnogo geofizicheskogo goda. 2. Chlen-korrespondent AN SSSR (for Mikhaylov).
(Atmosphere, Upper—Rocket observations)
(Artificial satellites)

Kosov, I.I.

17.9000

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SOV/169-59-5-5349

Translation from: Referativnyy zhurnal, Geofizika, 1959, Nr 5, p 139 (USSR)

AUTHORS: Galkin, A.M., Gorlov, O.G., Kotova, A.R., Kosov, I.I., Petrov, A.V., Serov, A.D., Chernov, V.N., Yakovlev, V.I.

TITLE: Investigations of the Vital Activity of Animals When Flying in Hermetically Sealed Cabins of Rockets up to a Height of 212 km

PERIODICAL: V sb.: Predvarit. itogi nauchn. issled. o pomoshch'yu pervykh sov. iskusstv. sputnikov Semli i raket. Moscow, AS USSR, 1958, pp 112 - 129 (res. Engl.)

ABSTRACT: Since 1949 systematical medical-biological investigations have been carried out in the Soviet Union during flights in rockets into upper layers of atmosphere. As experimental animals dogs of a weight of 5 - 7 kg were chosen. During the flight, pulse, blood pressure, and respiration were registered, moreover, electrocardiograms were taken. During the entire flight, dogs were continuously filmed. The results of investigations allow the following conclusions: the conditions in flying with rockets

Card 1/2

S/726/58/000/001/003/004
E195/E385

AUTHORS: Galkin, A.M., Gorlov, O.G., Kotova, A.R., Kosov, I.I., Petrov, A.V., Serov, A.D., Chernov, V.N. and Yakovleb, V.I.

TITLE: Investigation of the vital activity of animals during flight in an airtight rocket cabin to an altitude of 212 km

SOURCE: Predvaritel'nyye itogi nauchnykh issledovaniy s pomoshch'yu pervykh sovetskikh iskusstvennykh sputnikov Zemli i raket; sbornik statey. no. 1. XI razdel programmy MGG (rakety i sputnik). Moscow, Izd-vo AN SSSR. 112 - 129

TEXT: The behavior of animals during high-altitude flight in rockets as well as their state of health and changes registered after the flight have been studied in the USSR since 1949. The results of investigations carried out on 14 dogs of 5 - 7 kg in weight are described. Their blood pressure, pulse, respiration, before, during and after the flight were registered, cardiograms were made and their behavior during the flight filmed. A short

Card 1/2

1. MURATOV, Kh. I., KOSOV, I. S.

2. USSR (600)

4. Kalakutskii, Nikolai Veniaminovich, 1831-1889

7. "Russian scientist-metallographer N. V. Kalakutskiy," A. YA. Chernyak, D. M.Nakhimov, Reviewed by Kh. I. Muratov, I. S. Kosov. Vest. mash. No. 11 1952.

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

KOSOV, K. V.

Osnovy metallovedeniia i termicheskaia obrabotka. Moskva, Mashgiz, 1949. 171 p. illus.

Bibliography: p. 152.

Fundamentals of metallography and heat treatment.

DLC: TN672.K6

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

KOSOV, K.V., inzhener.

Heat treatment of V-110 bicycle parts. Vest.mash. 33 no.6:67-70 Je '53.
(MLRA 6:6)
(Metals--Heat treatment)

USSR/Engineering - Cyanidation

Card 1/1 Pub. 128 - 13/26

Authors : Kosov, K. V.

Title : The application of cyanidation in mass production

Periodical : Vest. mash. 2, 62-65, Feb 1954

Abstract : A description is presented of liquid cyanidation methods employed by the Molotov Automobile Plant in Gorkiy for the mass production of automotive components. Graphs and drawings depicting the cyanidation process and types of baths used are presented, together with technical data specifying chemical compositions and methods of heating. Illustrations; diagrams; graphs; drawings.

Institution : .....

Submitted : .....

Kosov, K.V.

The use of cyanidation in mass production. K. V. Kosov. *Novye Metody Termichesk. Obrabotki v Rasplavlen. [illegible] Shchelochakh* (Gorki: Knigoizdatel.) *Sbornik* 1955, 121-32; *Referat. Zhur., Met.* 1956, Abstr. No. 12525.—For cyanidation to 0.25-mm. depth, baths contg. NaCN 25, NaCl 25-40, and Na_2CO_3 40-50% are used at 800-50°. The consumption of molten NaCN is 10-15% less than that of the powd. form. Heating under quenching takes place also in the bath with the addn. of 1-10% NaCN. The content of soda in the bath ≤60%; the final concn. of cyanidation salt is maintained by periodic addition of NaCN. Consumption of NaCN is 1.3-1.5 kg. and of salt 0.8-1.0 kg./hr. in the bath with a capacity of 130-150 kg.; the parts charge (wt.) is ≤1/7 of the wt. of the salts. Electrode scrubbers with Fe crucibles are used, with exhaust flues over the bath and quench tank; forced ventilation is desired. Protection from cyanidation takes place with incomplete submersion, by copper-plating, or by thickening the layer. For cyanidation to a depth of 0.25 mm. and higher, the baths used contain NaCN 10, $BaCl_2$ 50, and NaCl 30% at 900-20°. Speculum baths are coated with silvered graphite. This bath is suitable for temps. of [illegible]0-30°. The activity of the bath is systematically maintained by addn. of NaCN and $BaCl_2$ once a week. The depth of cyanidation is found to be 0.25-0.30 mm./hr. After cyanidation at 900-20°, oil or air-quenching follows, and reheat and tempering at 780-880°. For bicycle parts of 20 KhNM steel, cyanidation in highly active baths proceeds to a depth of 1.5 mm.

C. H. Fuchsman

KOSOV, K.V.

Using advanced methods in heat treatment. Avt.i trakt.prom. no.4:32-34 Ap '57. (MLRA 10:5)

1.Gor'kovskiy avtozavod imeni Molotova.
(Steel--Heat treatment)

KOSOV, L.P.; LEYBOVICH, D.S.

Industrialization of electric installation work in housing and public building construction. Prom.energ. 15 no.6:1-6 Je '60. (MIRA 13:7)

(Building)
(Electric wiring)

TOKOREV, V., gruppovoy mekhanik; KOSOV, M., mekhanik; TRUSHNIKOV, G., mekhanik; ZHARINOV, N., mekhanik

Good helper for mechanics ["Refrigerator plants on ships" by A.G.Aksenov. Reviewed by V.Tokarev and others]. Rech.transp. 20 no.6:30 Je '61. (MIRA 14:6)

1. Teplokhod "Chernyshevskiy."
(Refrigeration on ships)
(Aksenov, A.G.)

KOSOV, N.

BOYKO, N.; KOSOV, N.

Solidarity among workers. Prom.koop. 12 no.4:13-14 Ap '58.
(MIRA 11:4)

1. Predsedatel' pravleniya arteli invalidov im. 5-go dekabrya Mosgorpromsoveta (for Boyko). 2. Zamestitel' predsedatelya pravleniya arteli invalidov im. 5-go dekabrya po orgmassovoy rabote i kadram Mosgorpromsoveta (for Kosov).
(Moscow--Electric industries)

KOSOV, N.

Sprouts of communism. Sov. profsoiuzy 16 no.14:27-29 Jl '60.
(MIRA 13:8)

1. Profgruporg cmeny avtomatno-tokarnogo tsekha 4-go Gosudarstvennogo podshipnikovogo zavoda.
(Industrial management)

KOSOV, M.

Moving Picture Projectors

Method of threading film in frames., Kinomekhanik, no. 10, 1951.

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

1. KURACHEV, A., PATSURA V., KOSOV, N.

2. USSR (600)

4. Moving-Picture Projection

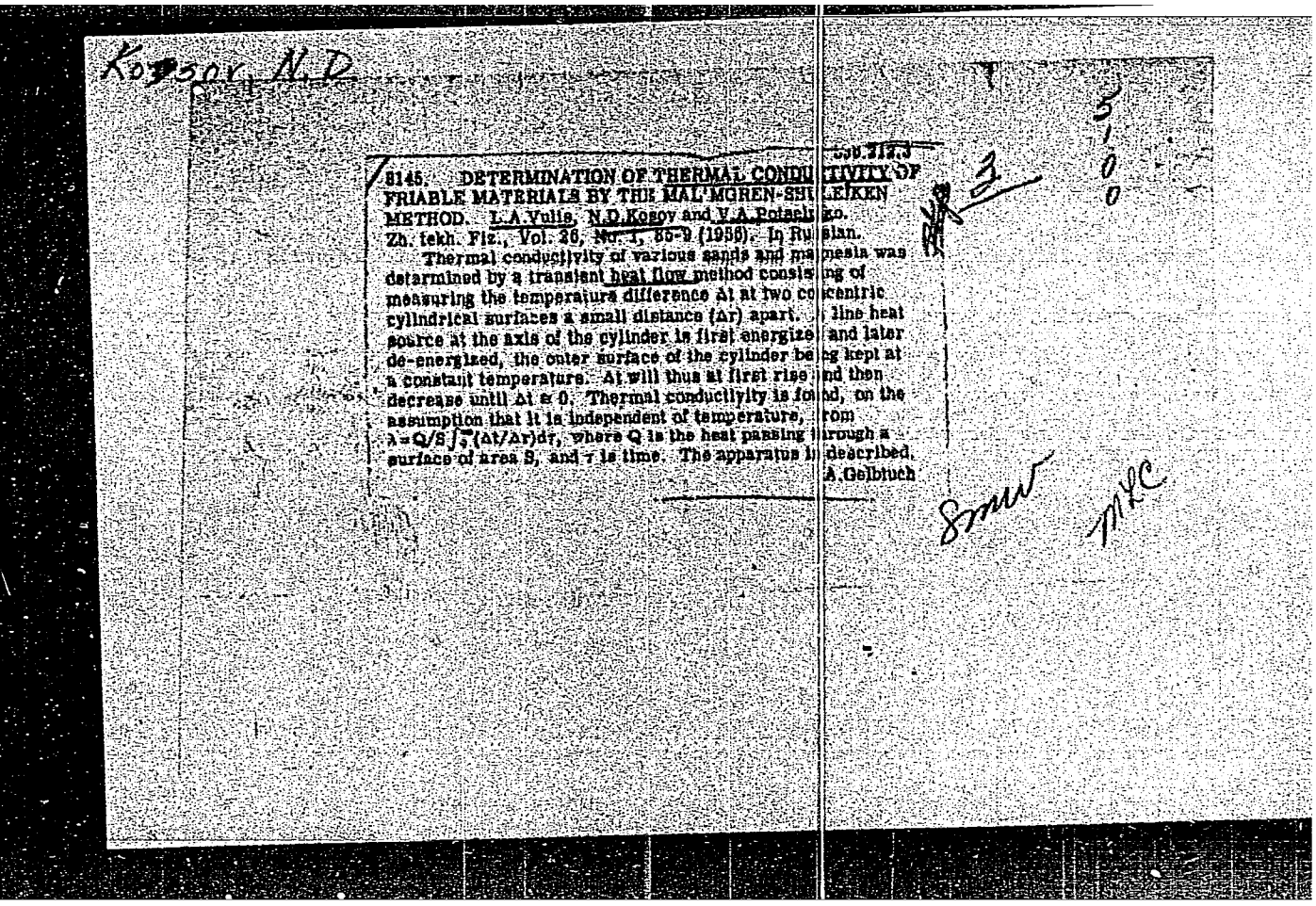
7. More about the article "Urgent problems"
Kinomekhanik, No.9, 1952

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

KOSOV, N.D.; CHERDYNTSEV, V.V.

Emanation of minerals and determination of the absolute geological age. Biul.Kom.po opr.abs.vozr.geol.form.no.1:22-28 '55. (MIRA 9:10)

1. Kazakhskiy gosudarstvennyy universitet.
(Geological time) (Radioactivity)



Kozyrev, N. D.

8145. DETERMINATION OF THERMAL CONDU... FRIABLE MATERIALS BY THE MAL'MGREN-SHI... METHOD. L.A.Yulis, N.D.Kozyrev and V.A.Potaeh... Zh. tekh. Fiz., Vol. 26, No. 1, 85-9 (1956). In Ru...

Thermal conductivity of various sands and ma... determined by a transient heat flow method consis... measuring the temperature difference Δt at two co... cylindrical surfaces a small distance (Δr) apart. ... source at the axis of the cylinder is first energize... de-energized, the outer surface of the cylinder be... a constant temperature. Δt will thus at first rise ... decrease until Δt = 0. Thermal conductivity is fo... assumption that it is independent of temperature, ... $\lambda = Q/S \int_0^\tau (\Delta t/\Delta r) d\tau$, where Q is the heat passing ... surface of area S, and τ is time. The apparatus i...

...ESKEN ...ko. ...sian. ...nesia was ...ng of ...centric ...line heat ...and later ...ng kept at ...nd then ...d, on the ...rom ...rough a ...described. ...A.Gelbtuch

KOSOV, N.D.

5(1) PHASE I BOOK EXPLOITATION SOV/1659

Akademiya nauk Kazakhskoy SSSR, Alma-Ata.

Issledovaniye fizicheskikh osnov rabochego protsessa topok i pechey (Investigation of the Physical Bases of Operational Processes of Combustion Chambers and Furnaces) Alma-Ata, Izdat AN Kazakhskoy SSR, 1957. 369 p. 800 copies printed.

Additional Sponsoring Agency: Alma-Ata. Kazakhskiy gosudarstvennyy universitet im. S.M. Kirova.

Ed. (Title page): L.A. Vulis, Doctor of Technical Sciences, Professor; Ed. (Inside book): D.M. Glazyrin; Tech. Ed.: Z.P. Korotina.

PURPOSE: This book is intended for a wide circle of scientists and industrial engineers.

COVERAGE: The twenty-nine articles of this collection report on experimental and theoretical investigations of different partial phenomena which constitute an integral part of the complex operational processes of modern combustion engineering equipment, and also, the entire process applicable to different types of burners and furnaces (cyclone combustion chamber, muffle burners, burners with automatic stokers, etc.). Articles in Part I treat laminar and turbulent jets of liquids and compressible gas. Part II reviews methods of modeling combustion processes (light, hydraulic and electrical), enthalpy, temperature measurement, aerodynamics, etc. Part III relates to different problems and theories of fuel combustion and special operational features of combustion and furnace equipment. No personalities are mentioned.

Card 5/7

VULIS, L.A., otv.red.; KASHKAROV, V.P., red.; KOSOV, N.D., red.; PETROVA, N.M., red.; KASHKAROV, L.D., tekhn.red.

[Investigation of transfer processes. Problems of the theory of relativity] Issledovanie protsessov perenosa. Voprosy teorii otnositel'nosti. Alma-Ata, 1959. 236 p. (MIRA 14:2)

1. Alma-Ata. Universitet.
(Relativity (Physics)) (Chemistry, Physical and theoretical)

21021

24.4100

S/058/61/000/005/029/050
A001/A101

AUTHOR: Kosov, N.D.

TITLE: The application of the thermal regular mode method to determinations of diffusion coefficient of liquids

PERIODICAL: Referativnyy zhurnal, Fizika, no 5, 1961, 218, abstract 5D25 (V sb. "Issled. protsessov perenosa. - Vopr. teorii otnositel'nosti". Alma-Ata, 1959, 101 - 113)

TEXT: There is a stage of regular mode in diffusion process, analogous to thermal regular mode. Making use of the formulae for thermal regular mode, it is possible to determine diffusion coefficients (D) of liquids from the rate of regular diffusion mass transfer. The values of D for diffusion in water of aqueous solutions of KCl and NaCl determined by the regular mode method agreed with tabular data, and this substantiates the application of this method. The accuracy of the regular mode method amounts on the average to 3% and can be improved by applying interference methods of determining concentrations.

[Abstracter's note: Complete translation.]

Card 1/1

5(4)

AUTHORS: Kosov, N. D., Rivin, O. V. (Alma-Ata)

SOV/76-33-1-14/45

TITLE: Determination of the Heat Amount by the Method of Heat-Current Measurement (Opredeleniye kolichestv tepla metodom izmereniya teplovogo potoka)

PERIODICAL: Zhurnal fizicheskoy khimii, 1959, Vol 33, Nr 1, pp 83-90 (USSR)

ABSTRACT: A new method for the determination of various formations of heat (dilution-, neutralisation heat, etc.) is described and reference is made to some methodical observations (investigated by means of experiments) on the expediency of the method. For the theoretical explanation of this method it is assumed that the heat is formed in an infinite, heat-insulated cylinder. The heat expands radially and the amount of heat is determined according to Fourier's law (Fur'ye). The sketch of the experimental vessel (Fig 1) shows a calorimeter with a thin-walled test tube (diameter 15.5 mm and height 150 mm) which is surrounded by a paraffin layer (17 mm) and serves as a source of heat. The temperature on the outside of the test tube remains unchanged due to an ultrathermostat TS-15, the temperature difference is measured by means of resistance thermometers (via

Card 1/3

Determination of the Heat Amount by the Method of Heat-Current Measurement SOV/76-33-1-14/45

a mirror galvanometer M-25). Small heating elements immersed in distilled water in the test tube were used as standard sources of heat. The heat emitted was determined according to the Joule-Lenz law (Dzhoul-Lents). 2 accumulators of the type 64-AKN-2,25 fed the measurement bridge of the thermometer. Some measurement results of investigations (Tables 2,3) are given in which the student V. Zmeykov of the firmat KazGU (Physico-Mathematical Faculty of the Kazakh State University) participated (ethanol + water, $H_2SO_4 + H_2O$, $NaOH + H_2SO_4$, $KOH + H_2SO_4$). The results show that errors in the experiments are of the order of magnitude 1-3% (above 20 cal) and 10-20% (below 10 cal). The method described makes it possible to determine the thermal heat capacity obtained after reactions of substances. This, however, will be mentioned in another report. The authors thank Professor L. A. Vulis and Professor M. I. Usanovich. There are 2 figures, 4 tables, and 8 Soviet references.

ASSOCIATION: Kazakhskiy gosudarstvennyy universitet im. S. M. Kirova (Kazakh State University imeni S. M. Kirov)

Card 2/3

AUTHORS: Vyshenskaya, V. F. and Kosov, N. D.

TITLE: On the interdependence of diffusion coefficients of gases

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk. 42. Silovyye ustanovki, no. 14, 1961, 14, abstract 42.14.75 (Tr. Kazakhsk. in-ta, no. 2, 1960, 73–76)

TEXT: A formula linking diffusion coefficients for gases in a single expression, is suggested and experimentally checked.

[Abstracter's note: Complete translation.]

Card 1/1

KOSOV, N. D., and RIVIN, O. V.

"On The New Type of a Calorimeter for Determination of Thermal Constants."

Report submitted for the Conference on Heat and Mass Transfer, Minsk, BSSR, June 1961.

KOSOV, N. D.; RIVIN, O. V.

Calorimeter of a new type for determining thermal constants.
Teplo- i massoper. 1:152-159 '62. (MIRA 16:1)

1. Kazakhskiy gosudarstvennyy universitet im. S. M. Kirova.

(Calorimetry)

45253

S/862/62/001/000/008/012
E202/E492

AUTHORS: Vyshenskaya, V.F., Kosov, N.D.

TITLE: Study of the temperature dependence of the diffusion coefficient of gases

SOURCE: Teplo- i massoperenos. t.1: Teplofizicheskiye kharakteristiki materialov i metody ikh opredeleniya. Ed. by A.V.Lykov and B.M.Smol'skiy. Minsk, Izd-vo AN BSSR, 1962, 181-187

TEXT: This paper comprises a critical review of works carried out in the Kafedra obshchey fiziki (Department of General Physics) at the Kazakh State University under the supervision of Professor L.A.Vulis. Gravimetric and absorptive-freezing out methods are discussed in detail and it is concluded that the former are unsuitable for the determination of the above coefficient where the gases have similar molecular weights, while the latter should not be used when the gases have similar freezing points. A brief review of the temperature dependence of the above diffusion coefficient is also given, including the means of extrapolating for higher temperatures and the use of various empirical relations. The relation of Ye.V.Kuvshinskiy, who found

Card 1/2

that the coefficient of mutual diffusion of two gases is proportional to the square root of the product of the coefficients of self-diffusion of these gases, is commented upon. The work is concluded by comparing the Chapman-Enskog formula with experimental data and a formula suggested by the author. These comparisons showed close agreement. Values of the coefficients of diffusion for I_2-CO_2; CO_2-H_2; H_2-N_2; CO_2-N_2 and I_2-N_2 in the temperature ranges from 179 to 1002, 20 to 810, 20 to 400, 20 to 310°C and 179 to 600°C respectively are tabulated. There are 3 tables.

ASSOCIATION: Kazakhskiy gosudarstvennyy universitet im. S.M.Kirova.
(Kazakh State University imeni S.M.Kirov)

VULIS, L.A., otv. red.; KASHKAROV, V.P., red.; KOSOV, N.D., red.; PETROVA, N.M., red.; KASHKAROV, L.D., tekhn. red.

[Study of transfer processes. Problems in the theory of relativity] Issledovanie protsessov perenosa. Voprosy teorii otnositel'nosti. Alma-Ata, Uchpedgiz Kazakhskoi SSR. 1960. 161 p. (Its Trudy, no.2) (MIRA 17:3)

1. Alma-Ata. Universitet.

L 10678-66 EWT(l)/EWT(m)/EWP(j)/T/EWP(t)/EWP(b)/ETC(m) LJP(c) JD/WW/RM

ACC NR: AP5028330 SOURCE CODE: UR/0057/65/035/011/2120/2125

86
83
B

AUTHOR: Kosov, N.D.; Kurlapov, L.I. 44,55 44,55 44,55

ORG: Kazakh State University im. S.M.Kirov, Alma-Ata (Kazakhskiy gosudarstvennyy universitet)

TITLE: Isobaric isothermal diffusion constants of several gases

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 35, no. 11, 1965, 2120-2125

TOPIC TAGS: gas diffusion, secondary flow, hydrogen, helium, argon, carbon dioxide, pressure effect, flow tube, flow rate, isobar, isothermal flow

21,44,55

ABSTRACT: A technique has been devised whereby the baroeffect in the measurement of gas diffusion constants can be avoided and the diffusion constants can be measured under true isobaric conditions; this technique has been employed to measure the two diffusion constants of each of the following pairs of gases: H_2 and CO_2, H_2 and Ar, He and CO_2 and He and Ar. A diagram of the apparatus is shown in the figure. After the investigated gases from cylinders 1 passed through the reducers 2, drying tubes 3, monostats 4, buffer flasks 5, and capillary tubes 6, their flow rates were measured with the rheometers 7 and they entered the flow tubes A-A' and B-B'. Diffusion took place between the flow tubes through capillaries 8, as a result of which the gases leaving the flow tubes at A' and B' were mixtures. The compositions of the

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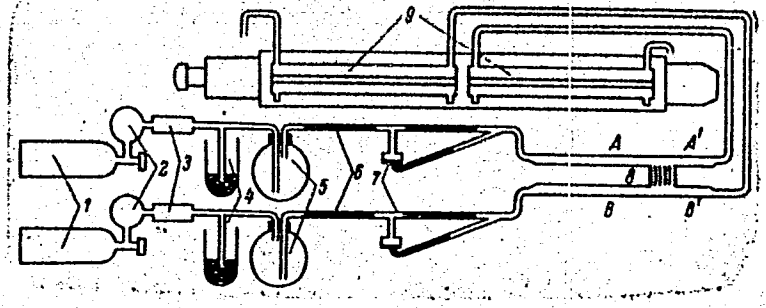


Diagram of the apparatus

effluent mixtures were determined by measuring their refractive indices with the Rayleigh interferometer 9. From the known flow rates of the pure gases entering the flow tubes at A, B and the compositions of the mixtures leaving at A', B', the diffusion currents through the capillaries were determined, and the diffusion constants were then calculated by integrating Fick's equation for the boundary conditions that the gases at the two ends of the capillaries are the pure components, assuming for the integration that the diffusion constants are independent of composition. By so adjusting the flow rates that the pressure was the same at both ends of the capillaries, the hydrodynamic flow through the capillaries, that in other techniques gives rise to the baroeffect, was avoided and the true isobaric diffusion constants

were obtained. In order to recognize when isobaric conditions had been achieved, two sets of capillaries 8 (each 5.5 cm long) were employed. The total cross section area of all the capillaries in each set was the same (12.5 mm^2), but one set consisted of 10 relatively large bore capillaries and the other set of 45 smaller ones. On changing from one set of capillaries to the other, therefore, any hydrodynamic flow through the capillaries due to a pressure difference would be considerably altered, while the diffusion flow would remain the same. When the flow rates had been so adjusted that the equilibrium compositions of the effluent gases remained the same when the capillaries were changed, therefore, the hydrodynamic flow was necessarily zero and the measured flow was due entirely to diffusion. In order to test the validity of the assumed boundary conditions at the ends of the capillaries, measurements were made at a number of mean flow rates from 0.5 to 10 cm^3/sec; no effect of the mean flow rate on the measured diffusion constant was found. For each pair of gases the two diffusion constants approximately satisfied the relation $D_{ij}/D_{ji}=(M_j/M_i)^{1/2}$, where D_{ij} is the diffusion constant of gas i in gas j and M_i is the molecular weight of gas i. From the measured separate diffusion constants for the H_2 - Ar and He - Ar systems, the magnitudes of the baroeffect in these systems were calculated and the results were compared with the measurements of P.Ye.Suyetin and P.V. Volobuyev (ZhTF 34, 1107, 1964). The agreement (within 25-50%) is considered satisfactory. For the H_2 - Ar system measurements were also made under such conditions that, owing to the presence of hydrodynamic flow in the capillaries, the two measured "diffusion constants" were equal. The value 0.86 cm^2/sec obtained for the "diffusion constant" under these conditions is in good agreement with the value 0.83 cm^2/sec

L 10678-66

ACC NR: AP5028330

3

measured by R.A.Strechlow (J. Chem. Phys., 21, 2101, 1953). In a footnote the authors thank A.S.Predvoditelev for pointing out the necessity for making measurements at different average flow rates in order to test the validity of the boundary conditions under which Fick's equation was integrated. Orig. art. has: 11 formulas, 2 figures and 3 tables.

SUB CODE: 20 SUBM DATE: 06Mar65/ ORIG. REF: 003 OTH REF: 009

Card 4/4

L 50747-65 EWT(d)/EED-2/EWP(1) Pq-4/Pg-4/Pk-4 JP(c) BB/GG

ACCESSION NR: AP5015341 UR/0086/65/000/009/0093/0093
681.142

35
B

AUTHOR: Kessel'man, L. A.; Volkovyskiy, V. L.; Koscv, N L.

TITLE: Dividing unit. Class 42, No. 170757

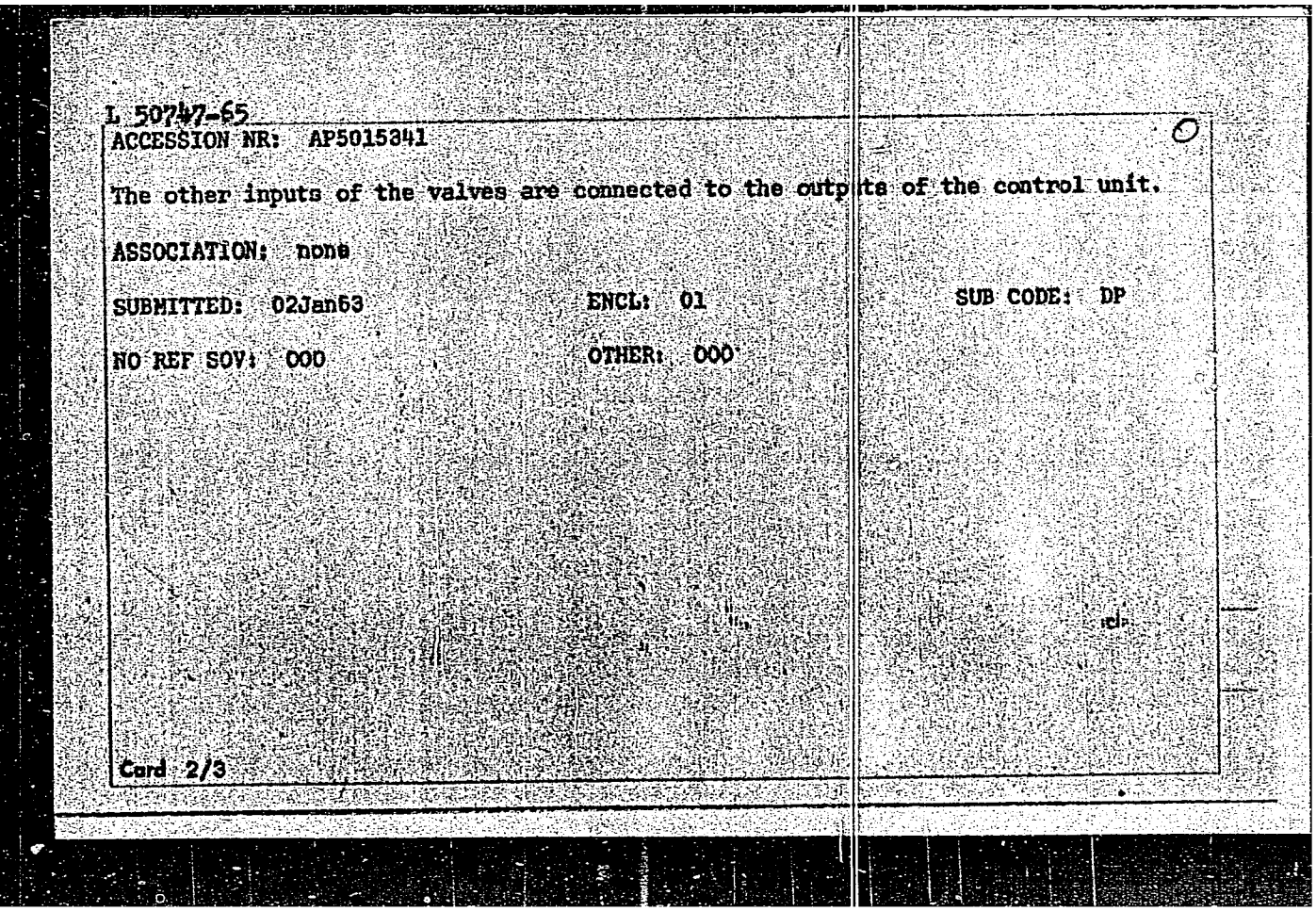
160

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. , 1965, 93

TOPIC TAGS: computer component, serial computer

ABSTRACT: This Author's Certificate introduces a dividi g unit for a keyboard-operated serial electronic computer. The device contain three dynamic registers on a magnetic drum, a sequential adder and a control uni . The device is designed for simplified construction and high speed operation. T e dividend keyboard is connected for serial input of the dividend through an "O " gate to the recording head of the dynamic register for intermediate remainders The length of the register is twice the length of a remainder and contains two eadout heads. One of the heads corresponds to the midpoint of the register and is connected through a valve to the adder input. The second head corresponds to the nd of the register and is connected through another valve and through an "OR" gate to the recording head.

Card 1/2



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ACCESSION NR: AP5015341

The other inputs of the valves are connected to the outputs of the control unit.

ASSOCIATION: none

SUBMITTED: 02Jan63 ENCL: 01 SUB CODE: DP

NO REF SOV: 000 OTHER: 000

Card 2/3

1. KOSOV, N.P.
2. USSR (600)
4. Agriculture
7. Olive crops. KAZAN', TATGOSIZDAT, 1952

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

KOSOV, N. P.

PAVLOV, M.I.; KOSOV, N.P.

[Fertilizing field crops in the Tatar A.S.S.R.] Udobrenie polevykh kul'tur v Tatarskoi ASSR. Kazan', Tatknigoizdat, 1956. 121 p.
(Tatar A.S.S.R.--Fertilizers and manures) (MLRA 10:9)

KOSOV, N.P.

ZAMYATIN, A.A., inzh.; KOSOV, N.P., inzh.; ASLONOV, V.M.

Introducing modern machinery at the "Rostsel'mash" plant. Trakt. i sel'khozmash. no.1:33-36 Ja '58. (MIRA 11:4)

1.Filial Nauchno-issledovatel'skogo instituta Traktorosel'khozmash (for Zamyatin, Kosov). 2. Starshiy tekhnolog Otdela gusenichnykh traktorov zavoda Rostsel'mashina (for Aslonov).
(Rostov-on-Don--Agricultural machinery industry)

KOSOV, N.P.

Attachemts for gripping by means of floating keys. Stan. i instr. 29 no.2:40 F '58. (MIRA 11:3)

(Milling machines--Attachments)

KOSOV, N.P.

High-speed pneumatic devices. Stan.i instr. 29 no.11:35-36 N '58.
(Pneumatic machinery) (MIRA 11-11)

KOSOV, N.P.

Equipping machine tools. Stan. i instr. 30 no.1:34-36 Ja '59.
(MIRA 12:1)
(Machine tools--Attachments)

KOSOV, N.P.

Technology of making variator disks for SK-3 self-propelled combines. Trakt.i sel'khozmash. no.1:37-39 Ja '60.
(MIRA 13:4)

1. Nauchno-issledovatel'skiy institut tekhnologii avtomobil'nogo transporta i sel'skokhozyaystvennogo mashinostroyeniya Rostovskogo Sovnarkhoza.
(Combines(Agricultural machinery))

S/122/60/000/007/009/011
A161/A029

AUTHOR: Kosov, N.P., Engineer

TITLE: Automation of Universal Vertical Drilling and Milling Machines

PERIODICAL: Vestnik mashinostroyeniya, 1960, No. 7, pp. 66 - 69

TEXT: The article contains detailed design and operation information of two automatic attachments to a "2125" vertical drilling machine; the modernization of which has been described previously (by A.A. Dubasov, "Vestnik mashinostroyeniya", 1959, No. 11), and of an automated horizontal milling machine. The two attachments were designed by the author. The description is illustrated by detailed drawings. One of the attachments is designed for drilling holes at right angles to each other in two cylindrical parts of same diameter and different length. It consists of a three-spindle head, a feed device and a replaceable chute (Fig. 1, where the listed components are marked 1, 2 and 3, respectively) and is controlled by two push bottons - "start" and "cycle". Detailed operation description is illustrated by a circuit diagram (Fig. 2). The three-spindle head is shown in cross section view (Fig. 3). The feed device (Fig. 4) is pneumatic. The other attachment is for simultaneous drilling of two holes from top and bot-

Card 1/2

S/122/60/000/007/009/011
A161/A029

Automation of Universal Vertical Drilling and Milling Machines

tom; the drilling head has two spindles and the fed device is actuated by vertical travel of the machine spindle. The automated milling machine (Fig. 5) performs the milling of flutes on threading taps and reamers, grooves on round nuts, squares and other work. The work is installed on the eccentrical two-center tailstock of the machine and fixed by a tang in the indexing head spindle (as shown in Fig. 5). When the electric motor is on, stops and limit switches reverse the machine table run and switch on the coil of an electro-pneumatic valve, after which air enters two air cylinders on the indexing head and it automatically turns one division. The pneumatic two-spindle head (Fig. 6) is similar in principle to another three-spindle automatic indexing head used in machines and performing from 3 to 30 divisions. This head may be used for milling grooves in a set of parts in three positions at the same time, or in three separate part sets requiring same number of indexing turns. There are 6 figures.

Card 2/2

KOSOV, N. P.

Pneumatic drive with a regulation of rod length. Mashinostroitel' no.9:27 S '60. (MIRA 13:9)
(Machine tools--Pneumatic driving)

KOSOV, E.P., inzh.

Automation of machining on universal vertical drilling and milling machines. Vest.mash. 40 no.7:66-69 Jl '60. (MIRA 13:7)
(Machine tools) (Automatic control)

KOSOV, N.P.

Automation of the multiple-purpose equipment. Trakt. i sel'khozmash. 31 no.3:42-44 Mr '61. (MIRA 14:3)

1. NIIM Rostovskogo sovarkhoza.
(Machine tools)

KOSOV, N.P.

Mechanization of finishing operations. Vest. mash. 41 no. 5:66-68 My '61. (MIRA 14:5)
(Metals—Finishing—Equipment and supplies)

VODOLAZSKIY, N.P., inzh.; KOSOV, N.P., inzh.

Continuous mechanized line for machining stepped rolls on lathes. Vest.mashinostr. 42 no.9:59-63 S '62. (MIRA 15:9)
(Lathes)

VODOLAZSKIY, N.P.; KOTOV, L.I.; KOSOV, N.P.

Automatic control of the IA616 screw-cutting lathe. Stan.i instr. 33 no.11:38-40 N '62. (MIRA 15:11)
(Lathes--Numerical control)

KOSOV, N.P.

Mechanized machine-tool attachments. Stan. i instr. 34 no.9:
25-28 S '63. (MIRA 16:11)

KOSOV, Nikolay Petrovich; MALOV, A.N., prof., retsenzent; IZAKOV, N.K., kand. tekhn. nauk, dots., red.

[Means for increasing the productivity of metal cutting operations] Sposoby povysheniia proizvoditel'nosti stanochnykh operatsii. 2. izd. Moskva, Mashinostroenie, 1964. 187 p. (MIRA 17:10)

KOSOV, N.P., inzh.

Automatic machine-tool attachments. Vest.mashinostr. 44 no.3: 52-56 Mr '64. (MIRA 17:4)

KOSOV, Nikolay Petrovich; PINCHUK, A.P., red.

[Innovators' attachments for milling machines] Frezernye prisposobleniia novatorov. Rostov-na-Donu, Rostovskoe knizhnoe izd-vo, 1964. 142 p. (MIRA 18:8)

KOSOV, N.P., inzh.

Replacing machining by other methods of metal forming.
Vest.mashinostr. 46 no.1:58-60 Ja '66.

(MIRA 19:1)

KOSOV, P.

KLEYTMAN, S., inzhener; KOSOV, P., inzhener.

Greater attention to collective farm truck transportation.
Avt.transp. 32 no.5:36-37 My '54. (MLRA 7:7)
(Farm equipment) (Motor trucks)

KLEYTMAN, S.; KOSOV, P.

Maintenance and repair of automobiles of collective farms and machine-tractor stations. Avt.transp. 32 no.11:34 N '54.
(Automobile--Repairing) (MLRA 8:3)

KOSOV, S.

AID - P-124

Subject : USSR/Aeronautics

Card : 1/1

Author : Kosov, S., Capt.

Title : On the Post of Squadron Commander

Periodical : Air Force Herald, 4, 24 - 28, Ap 1954

Abstract : A squadron commander's remarks about his unit. He gives some details about training, flying jet aircraft at low altitude, physical training, political training, etc.

Institution : None

Submitted : No date

KOSOV, S.I., podpolkovnik, voyennyy letchik pervogo klassa

Actions of the traffic controller. Vest.Vozd.Fl. no.9:37-40 S'60. (MIRA 13:10)

(Air traffic control)

KOSOV, V.

Circular saw for cutting rabbets and grooves. Sel'.stroi. 10 no.3:18-19 Mr '55. (MLRA 8:6)

1. Nachal'nik otdela po stroitel'stvu v kolkhozakh Lyubinskogo rayona Omskoy oblasti.
(Saws)

SELYUNIN, A.; KOSOV, V.; SHCHERBAK, B.

Production of local building materials is growing. Sel'.stroi. 13 no.2:13 F '59. (MIRA 12:3)

1. Nachal'nik Urzhumskogo rayonnogo otdela po stroitel'stvu v kolkhozakh (for Selyunin). 2. Nachal'nik Lyubinskoy mezhkolkhoznoy stroitel'noy kontory Omskoy oblasti (for Kosov). 3. Glavnyy inzhener oblastnogo upravleniya po stroitel'stvu v kolkhozakh Ul'yanovskoy oblasti (for Shcherbak).

(Building materials)

KOSOV, V. A. DECEASED

[illegible] see ILC

[illegible], V.T., engineer

Using a balance frame for experimental determination of [illegible] moments of inertia for reducing gears. Izv. vys. ucheb. zav.; mashinostr. no.6:70-80 '62. (MIRA 15:12)

1. Taganrogskiy radiotekhnicheskiy institut.

KOSOV, V.I.; SOLOV'YEV, A.I.

Parallelogram-shaped device for an active control. Izv.vys.ucheb. zav.; prib. 7 no.2:142-145 '64. (MIRA 18:4)

1. Taganrogskiy radiotekhnicheskiy institut. Rekomendovana kafedroy tekhnicheskoy mekhaniki.

KOSOV, V.I., aspirant

Experimental investigation of dynamic parameters of reducing gears. Izv. vys. ucheb. zav.; mashinostr. no.9:60-66 '65. (MIRA 18:11)

KOSOV, V. V.

24116 KOSOV, V. V. Blizhayshiye zadachi vodokhozyaystvennogo stroitel"stva. Gidrotekhnika i melioratsiy, 1949, No. 1, S. 8-16.

SO: Letopis, No. 32, 1949.

KOSOV, V.V.

V.V. KOSOV (Deputy Minister of Agriculture USSR) Author of an article,"Pressing Problems on Water Conservation and Allied Constructions".
SO: Gidrotekhnika i Melioratsiya, No. 1, 2, 1949 uncl

1. KOSOV, V. [V.]

2. USSR (600)

4. Cotton Growing - Accounting

7. Lowering production cost on state cotton farms, Khlopkovodstvo, No. 9, 1952.

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

KOSOV, V.V., red.; POLYAKOV, I.Ya., prof., doktor sel'skokhoz.nauk, red.; STERNIN, I.V., red.; PECHENKIN, I.V., tekhn.red.

[Forecasting the appearance and calculating the prevalence of plant diseases and agricultural pests] Prognoz poiavleniia i uchet vreditelei i boleznei sel'skokhoziaistvennykh kul'tur. Moskva, Izd-vo M-va sel'.khoz. SSSR, 1958. 626 p. (MIRA 12:1)

1. Russia (1923- U.S.S.R.) Glavnaya gosudarstvennaya inspektsiya po karantinu i zashchite rasteniy. 2. Nachal'nik Glavnoy gosudarstvennoy inspektsii po karantinu i zashchite rasteniy Ministerstva sel'skogo khozyaystva SSSR (for Kosov). 3. Zaveduyushchiy laboratoriyey prognozov razmnozheniya massovykh vrediteley sel'skokhoz. kul'tur Vsesoyuznogo nauchno-issledovatel'skogo instituta zashchity rasteniy (for Polyakov).
(Plant diseases) (Agricultural pests)

USSR/General and Special Zoology. Insects. Insect P
and Mite Pests. Pests of Commercial, Oil-Bearing,
Medicinal and Essential Oil-Bearing Crops.

Abs Jour : Ref Zhur-Biol., No 20, 1958, 92159

Author : Kosov, V. V.
Inst :
Title : Cotton Pests and Diseases and Their Control Measures.

Orig Pub : V sb.: Materialy Ob'yedin. nauchn. sessii po khlopkovodstvu. T. 2, Tashkent, Gosizdat UzSSR, 1958, 219-226

Abstract : No abstract.

Card : 1/1

KOSOV, V.V.

One of our immediate tasks is to rid grain fields from wide-spread infestation with cutworm Hadena basilinea. Zashch.rast.ot vred. i bol. 3 no.2:5-7 Mr-Ap '58. (MIRA 11:4)
(Grain--Diseases and pests) (Cutworms)

KOSOV, V.V.

Eighth Session of the European and Mediterranean Organization of Plant Protection. Zashch. rast. ot vred. i bol. 3 no.5:59-60 S-O '58. (MIRA 11:10)
(Paris--Plants, Protection of--Congresses)

KOSOV, V.V.

Problems of plant quarantine and protection. Zashch.rast.ot vred. i bol. 3 no.6:9-12 N-D '58. (MIRA 11:12)
(Plants, Protection of) (Plant quarantine)

KOSOV, V.V.

4) A P Aleksandrov, A L Lur'ye, [illegible], and [illegible] - First Experiences in the Application of Electronic Computers for a Solution of the Haulage Rationalization Problem.

5) A Kaplan - Prospects for the Use of Linear Programming in the Over-all Planning of Rolling Stock Utilization

6) Ya Gleyzik - A Program for the Solution of Transport Problems on an Electronic Computer Involving Methods of Approximation By Means of Hypothetically Optimal Plans

7) A P Tret'yakova - An Optimal Freight Haulage Plan for the USSR Coal Industry

f. Morning Session - 17 December 1959, 1000 hours
V. The Checkerboard-Type Balance

1) V S Nemchinov - Theoretical Problems of the Checkerboard-Type Balance

2) L Ya Berri - The Checkerboard-Type Balance and the Planning of National Economy

3) Ya I Chernyak - Experience in Drawing Up an Input-Output Balance for an Economic-Administrative Region

4) V S Dadayan - Some Planning Calculations Based on the Input-Output Balance of an Economic Region

5) V V Kosov - A Regional Model of Agricultural Production

6) V I Zhitvin, A I Klinskiy - The Nature and Special Features of Total Inputs

g. Evening Session - 17 December 1959, 1600 hours
VI. Mathematical Statistics

1) Ya N Benderskiy - Statistical Methods for Determining the Average Prices of Goods

2) V V Shvyrkov - The Consumption Elasticity Indicator and Its Practical Importance in Studying the Workers' Level of Living

3) P Zhelezynyak - Analytical Methods of Studying the Dependence of Consumption on Income

4) L E Minta, E V Finkel'shteyn - Statistics and the Use of Mathematical Methods in Economic Research

5) V V Ponomartsev - Research on Technical and Economic Laws in Non-ferrous Metallurgy with the Aid of Correlation Theory

6) N S Reytman - Application of Correlation Methods in the Analysis of Tractor Operating Costs

Report submitted at the Soviet Conference on Problems in the Application of Mathematical Methods in Economic Research, Leningrad, 15-21 January 1960.

KOSOV, V.V.

Urgent tasks in plant protection. Zashch. rast. ot vred. i bol. 5 no. 8:6-9 Ag '60. (MIRA 13:12)

1. Nachal'nik Gosudarstvennoy inspektsii po karantinu i zashchite rasteniy Ministerstva sel'skogo khozyaystva SSSR.
(Plants, Protection of)

KOSOV, V. V.

Results of the 12th Soviet-Iranian conference on quarantine and plant protection. Zashch. rast. ot vred. i bol. 5 no.6: 60-61 Je '60. (MIRA 16:1)

(Turkmenistan--Locusts--Extermination)
(Iran--Locusts--Extermination)

KOSOV, V.V.

Concentrate all efforts on fulfilling the decisions of the January Plenum of the Central Committee of the CPSU. Zashch. rast. ot vred. i bol. 6 no.3:1-3 Mr '61. (MIRA 15:6)
(Plants, Protection of)

KOSOV, V.V.

At the Session of the Executive Committee and Council of the European and Mediterranean Organization of Plant Protection. Zashch. rast. ot vred. i bol. 6 no.7:59 Jl '61. (MIRA 16:5)
(Plants, Protection of)

KOSOV, V.V.

The most important tasks in plant protection. Zashch. rast. ot vred. i bol. 6 no.10:3-4 O '61. (MIRA 16:6)

1. Nachal'nik Gosudarstvennoy inspektsii po karantinu i zashchite rasteniy Ministerstva sel'skogo khozyaystva SSSR.
(Plants, Protection of)

KOSOV, V.V.

Effective protection for large crops. Zashch.rast.ot vred.i biol. 7 no.5:5-7 My '62. (MIRA 15:11)

1. Predsedatel' Gosudarstvennoy komissii po khimicheskim sredstvam bor'by s vreditelyami, boleznyami rasteniy i sornyakami.
(Agricultural chemicals)

KOSOV, V.V.

Create a strong industrial base for plant protection. Zashch. rast. ot vred. i bol. 7 no.11:5-7 N '62. (MIRA 16:7)

1. Zamestitel' nachal'nika upravleniya po torgovle Vsesoyuznogo ob"yedineniya Soveta Ministrov SSSR po prodazhe sel'skokhozyaystvennoy tekhniki, zapasnykh chastey, mineral'nykh udobreniy i drugikh material'no-tekhnicheskikh sredstv, organizatsii remonta i ispol'zovaniya mashin v kolkhozakh i sovkhozakh.

KOSOV, Yu.G.

One year of work on the 2TE10 diesel locomotive has shown that rugged test runs are the best operational indices of a new locomotive. Elek.i tepl.tiaga 6 no.12:24 D '62. (MIRA 16:2)

1. Zamestitel' nachal'nika depo Kandalaksha Oktyabr'skoy dorogi.
(Diesel locomotives--Testing)

GORBUNOV, K.V.; KOSOVA, A.A.

Preparation of artificial nutritive detritus from cellular tissue for chironomid culture. Mikrobiologiia 24 no.4:444-446 Jl-Ag '55. (MLRA 8:11)

1. Astrakhanskiy gosudarstvennyy zapovednik.
(DIPTERA) (CELLULOSE)

ABRIKOSOV, G.G.; KOSOVA, A.A.

Occurrence of the tropical freshwater bryozoan Lophopodella carteri (Bryozoa, Phylactolaemata) in the outer Volga Delta. Zool. zhur. 42 no.11:1724-1726 '63. (MIRA 17:2)

1. Department of Invertebrate Zoology, State University of Moscow and State Preserve of Astrakhan.

KOSOVA, A.A.

Monodacna colorata Eichw. in the lower part of the Volga River. Trudy Gidrobiol. ob-va 13:84-89 '63. (MIRA 16:11)

1. Astrakhanskiy gosudarstvennyy zapovednik.

KOSOVA, A.A.

Seasonal variations of plankton and benthos in the bayou lakes of the lower Volga Delta. Trudy Gidrobiol. ob-va 10:102-135 '60. (MIRA 13:9)
(Volga Delta--Fresh-water biology)

GORBUNOV, K.V.; KOSOVA, A.A.

Food relations of young fishes in the bayous of the lower Volga Delta. Trudy Astr. zap. no.5:86-150 '61. (MIRA 16:8)
(Volga Delta--Fishes--Food)

KOSOVA, A.A.

Mayfly Palingenia Burm. in the Volga Delta. Trudy Astr. zap. no.5:160-162 '61. (MIRA 16:8)
(Volga Delta--Mayflies)