NIKOLAYEV, S.F.; VERSHININ, T.I., red.; NEUDAKINA, N.G., tekhn.red.

[Kungur] Kungur. Perm', Permskoe knizhnoe izd-vo, 1958.
145 p. (MIRA 12:11)
(Kungur--History) (Kungur--Economic conditions)

NIKOLAYEV, S.I., inzhener.

Improve safety measures and eliminate injuries. Stroi.prod. neft.prom. 1 no.8:2-3 O '56. (MLRA 9:12)

(Petroleum industry--Safety measures)

NIKOLAYEV, S.I., inzhener; PROM'KO, V.N., inzhener.

Protective measures for electrical injuries. Stroi. prod. soft. prom. 2 no.2:26-27 F '57. (MLRA 10:4)
(Electricity, Injuries from)

NIKOLAYEV, S.I.; IL'IN, A.M.; SKAKUN, G.P.; MELKIN, V.E., insh., red.; [illegible], O.M., tekhn.red.

[Underground operations at the Vysokaya Gora Iron Mine] Opyt vedeniia podzemnykh rabot na Vysokogorskom zheleznom rudnike. Sverdlovsk, Tsentr.biuro tekhn.informatsii, 1959. 30 p. (MIRA 14:4)

1. Russia (1917- R.S.F.S.R.) Sverdlovskiy ekonomicheskiy administrativnyy rayon. Sovet narodnogo khozyaystva. (Ural Mountains--Iron mines and mining)

SOV/127-59-1-13/26

AUTHORS: ~~Nikolayev, G. I.,~~ Kondrat'yev, L. I., and Il'in, A. M., Mining Engineers and Skakun, G. P., Mining Technician

TITLE: High-Power Mass Blasting in Vysokogorskiy Mine (Massovyy vzryv bol'shoy moshchn sti na Vysokogorskom rudnike)

PERIODICAL: Gornyy zhurnal 1959, Nr 1, pp 46-50 (USSR)

ABSTRACT: This is description of high power mass blasting operations in the Vysokogorskiy Mine, located on the eastern slope of the Middle Ural. The yearly production of this mine is 3,000,000 tons of 40% iron ore. A forced level caving system is applied in the mine. The mass blasting operation was carried out in the south butt-end of block # 15 at levels of 90 - 150 m; 179 tons of ammonite were used. There are 3 diagrams, 2 tables and 1 Soviet reference.

ASSOCIATION: Gornoye upravleniye Nizhne-Tagil'skogo metallurgicheskogo Kombinata. (The Mining Management of the Nizhniy-Tagil' Metallurgical Combine).

Card 1/1

KOSHINSKIY, L.G., inzh.; NIKOLAYEV, S.I., inzh.; SHCHELKANOV, V.A., inzh.; IL'IN, A.M., inzh.

Underground operations in mines of the Nizhniy Tagil Metallurgical Combine. Biul. TSIICHM no.1:9-18 '61. (MIRA 14:9)
(Nizhniy Tagil region--Mining engineering)

NIKOLAYEV, S.I.; IL'IN, A.M.; ZUBRILOV, L.Ye.; SHUL'MIN, B.M., mladshiy nauchnyy sotrudnik

Possibilities for increasing labor productivity in the "Magnetitovaya" Mine. Gor. zhur. no.11:10-13 N '61. (MIRA 15:2)

1. Direktor Vysokogorskogo rudoupravleniya (for Nikolayev).
2. Glavnyy inzh. Vysokogorskogo rudoupravleniya (for Il'in).
3. Zaveduyushchiy laboratoriyey razrabotki rudnykh mestorozhdeniy Gorno-geologicheskogo instituta Ural'skogo filiala AN SSSR (for Zubrilov).

(Sverdlovsk Province--Iron mines and mining)

NIKOLAYEV, S.I.; IL'IN, A.M.; SHAKUN, G.P.

Growth in labor productivity at the Vysokaya Mountain Mine. Gor. zhur no.4:7-9 Ap '63. (MIA 16:4)
(Sverdlovsk Province—Iron mines and mining—Labor productivity)

NIKOLAYEV, S.I.; IL'IN, A.M.

Development of mining systems in mines of the Vysokaya Mountain Mining Administration. Gor. shur no.4:12-17 Ap '63. (MIRA 16:4)
(Sverdlovsk Province—Iron mines and mining)

NIKOLAYEV, S.I.; IL'IN, A.M.; SKAKUN, G.P.; PLEKHANOV, G.V.; SHUL'MIN, B.M.

Large-scale blas.'ng of blocks at the "magnetitovaia" 'ine. Trudy Inst.gor.dela UFAN SSSR no.7:87-94 '63. (MIRA 17:3)

/3

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B102/B214

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26.2200

AUTHORS: Blokhin, G. Ye., Blokhintsev, D. I., Blyumkina, Yu. A., Bondarenko, I. I. Deryagin, B. N., Zaymovskiy, A. S., Zinov'yev, V. P., Kazachkovskiy, O. D., Kim Khen Bon, Krasnoyarov, N. V., Leypunskiy, A. I., Malykh, V. A. Nazarov, P. M., Nikolayev, S. K., Stavisskiy, V. Ya., Ukraintsev, F. I., Frank, I. M., Shapiro, F. L., Yazvitskiy, Yu. S.

TITLE: A pulsed fast reactor

X

PERIODICAL: Atomnaya energiya, v. 10, no. 5, 1961, 437-446

TEXT: The present paper gives a description of the pulsed fast reactor of the Ob"yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research) which became critical in June, 1960. This reactor, called IBR (IBR) reactor, serves as pulsed fast neutron source (mean power ≈1 kw) for physical investigations, particularly for time-of-flight experiments. Its most distinguishing feature is the very small contribution ($\sim 10^{-4}$) of the delayed neutrons in its normal operation; it is about

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A pulsed fast reactor

decrease of 2-1.1 %; the rough regulator allows a reactivity change of 2.4 %, the manual regulator 0.1 %, and the automatic regulator 0.036 %. The reactor possesses also a reactivity booster for the production of one intensive pulse. The control and shield system is an automatically functioning electronic arrangement with BF_3 counters and ionization chambers. The whole reactor is placed in a room of size 10·10·7 m whose concrete walls allow complete protection from radiation. The most important experimental arrangement consists of a 1000 m long neutron conductor, a metal tube, 400 mm in diameter in the first part and 800 mm in the second part in which a pressure of 0.1 mm Hg is maintained. This conductor connects a chain of so-called "intermediate pavilions" (at distances of 70, 250, 500, 750, and 1000 m from the reactor) in which experiments can be carried out. There is also an additional neutron conductor of 100 m length. The reactor chamber is joined to an experimental chamber in which four neutron beams of up to 600 mm diameter are available. There is such an experimental chamber also above the reactor chamber. Various experiments were carried out with the reactor and they are described in the present paper. These are experiments with stand

Card 3/4

FRANK, I. M.; BUNIN, B. N.; NIKOLAYEV, S. K.; SHABALIN, Yu. I.; SHAPIRO, F. L.

"The experience of the pulsed fast reactor operation and its use for investigation at injection of neutrons from a microtron."

report submitted for 3rd Intl Conf, Peaceful Uses of Atomic Energy, Geneva, 31 Aug-9 Sep 64.

NIKOLAYEV, S.M.

Fluorapatite of the Abakan iron-ore deposit (Western Sayan Mountains). Trudy Inst.geol.i geofiz.Sib.otd.AN SSSR no.4:77-84 '60.
(MIRA 15:7)

(Abakan Range--Apatite)

NIKOLAYEV, S.M.

Geology of the Isykh-Gol'skoye iron deposit (Kuznetsk Ala-Tau). Geol. i geofiz. no.6:74-82 '61. (MIRA 14:7)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR, Novosibirsk.
(Kuznetsk Ala-Tau—Iron ores)

USSR

537.311.33 : 538.63

[illegible] the Hall effect in [illegible] V. P. [illegible] and A. S. [illegible], Zh. Tekh. Fiz., 21, [illegible] (1951) in Russian.

[illegible] measurements of the Hall [illegible] and a.c. method is suggested for overcoming [illegible]. The magnetic field and the current through the sample are both alternating and of differing frequencies, the Hall e.m.f. being measured at [illegible] a narrow band (0.2 c/s) amplifier with [illegible] input. A detailed description [illegible] of the amplifier and associated [illegible] is given. The sign of the Hall effect is [illegible] graphically displayed [illegible] and to demonstrate the [illegible] in Cu_2O in the region [illegible].

V. V. ZAKHAROV

VOLKOV, D.P., doktor tekhn. nauk; NIKOLAYEV, S.N., inzh.

Dynamic loads and the longevity of rotary trench excavators. Stroi. i dor. mash. 9 no.4:33-36 Ap '64. (MIRA 18:1)

KOVALEV, Ye.P.; NIKOLAYEV, S.N.

Results of investigations of the UNR excavator. Stroi. truboprov. 10 no.2:14-17 F '65. (MIRA 18:5)

1. Moskovskiy eksperimental'nyy mekhanicheskiy zavod (for Kovalev).
2. Vsesoyuznyy nauchno-issledovatel'skiy institut po stroitel'stvu magistral'nykh truboprovodov (for Nikolayev).

KISELEV, Vladimir Semenovich; NIKOLAYEV, Sergey Nikolayevich; KLIMENKO, O., red.; BEL'TYUKOV, B., tekhn.red.

[Come settle in the Maritime Territory] Pereselaites' k nam v Primor'e. Vladivostok, Primorskoe knizhnoe izd-vo, 1956. 68 p. (MIRA 11:6)

1. Primorskiy kray. Ispolnitel'nyy komitet. Pereselencheskiy otdel.
(Maritime Territory)

NIKOLAYEV, Sergey Nikolayevich; BOL'SHAKOV, M., red.; POTREBICH, M., tekhn. red.

[Outlook for the development of the Maritime Territory] Perspektivy razvitiia Primorskogo kraia. Vladivostok, Primorskoe knizhnoe izd-vo, 1957. 66 p. (MIRA 11:4)
(Maritime Territory)

[redacted], Nikolayevich; ZEL'TSMAN, L., red.; POTEREICH, M., tekhn.red.

[Monuments and memorable places in the Maritime Territory] Pamiatniki i pamiatnye mesta v Primor'e. Vladivostok, Primorskoe knizhnoe izd-vo, 1958. 95 p. (MIRA 13:5)
(Maritime Territory--History)
(Maritime Territory--Description and travel)

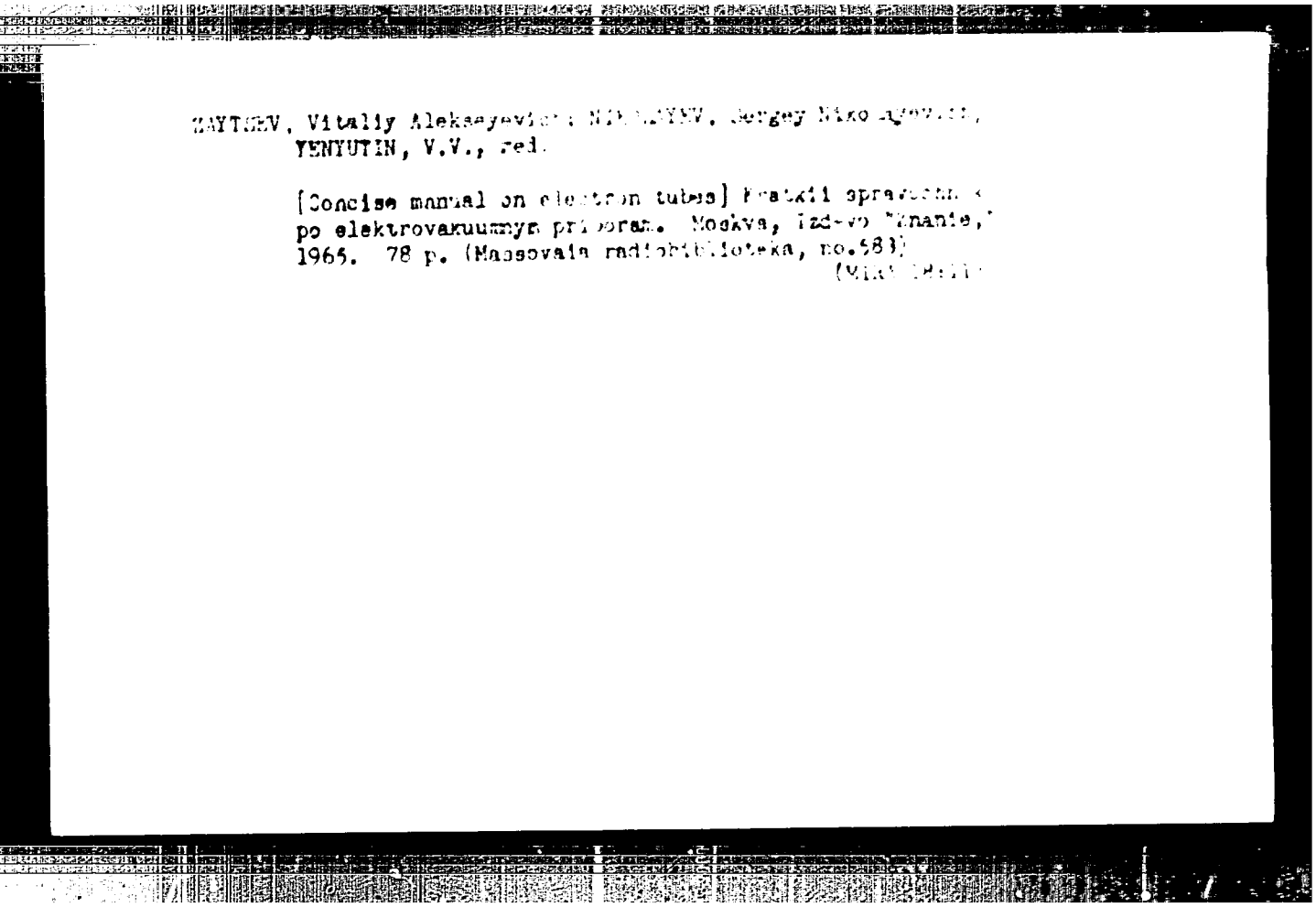
NIKOLAYEV, S.N.; LEMTYUG, M., red.; BUTOVA, L., tekhn.red.

[Guidebook for Vladivostok] Putevoditel' po Vladivostoku. Vladivostok, Primorskoe knizhnoe izd-vo, 1960. 71 p. (MIRA 14:4)

(Vladivostok--Guidebooks)

NIKOLAYEV, Sergey Nikolayevich; ZEL'TSMAN, L., red.; SHAYKOVA, N., tekhn. red.

[Facts and figures; the economy and culture of the Maritime Territory during the years of the seven-year plan]TSifry i fakty; ekonomika i kul'tura Primor'ia za gody semiletki. Vladivostok, Primorskoe knizhnoe izd-vo, 1961. 61 p. (MIRA 14:11)
(Maritime Territory--Economic policy)



MAYTSEV, Vitaliy Alekseyevich; NIKOLAYEV, Sergey Nikolayevich;
YEMYUTIN, V.V., red.

[Concise manual on electron tubes] Kratkii spravochnik
po elektrovakuumnym priboram. Moskva, Izd-vo "Znanie,"
1965. 78 p. (Massovaia radiobiblioteka, no.583)
(Vik[illegible]

NIKOLAYEV, S.N.

Nature of the change in resisting forces on working components of rotary excavators. Stroi. truboprov. 10 no. 11:14-16 N '65. (MIRA 18:12)

L 40370-66 EWT(1)/EWT(m) WW/JW

ACC NR: AR6014926 SOURCE CODE: UR/0124/65/000/011/B0115/B0116

AUTHOR: Nikolayev, S. N.

TITLE: Stability of a plane flame front in a fluctuating stream of viscous incompressible gas

SOURCE: Ref. zh. Mekhanika, Abs. 11B792

REF SOURCE: Uch. zap. Chuvashsk. gos. ped. in-t, vyp. 20, 1964, 18-21

TOPIC TAGS: flame stabilization, streamline flow, gas flow, incompressible fluid, viscous fluid, perturbation method

ABSTRACT: Previous investigations of the effect of gas stream fluctuations on the stability of plane flame fronts have been carried out neglecting the gas viscosity. A generalization of the known results to the case of a viscous gas is proposed. For the solution of the problem by the method of small perturbations it is assumed that the gas flow on both sides of the flame front is a potential flow. It is difficult to agree with this assumption, particularly because the instability effect first observed by L. D. Landau originates precisely because of the formation of vortex disturbances with the passage of the gas through the distorted flame front. Using the flow potentiality, the author reduces the problem to the Mathieu equation whose solution indicates the stabilising effect of viscosity on excitation of the flame front. Bibliography of 4 citations. V. B. Librovich [translation of abstract]

SUB CODE: 20, 21

Card 1/1 11b

L 09307-67 EEC(k)-2/EWP(k)/EWT(d)/EWP(l)/EWP(v) IJP(c) WW/RM

ACC NR: AR6033766 SOURCE CODE: UR/0058/66/000/007/A028/A029

54

AUTHOR: Ivanov, M. N.; Kadashevich, V. I.; Kondurov, I. A.; Nekhay, A. P.; Nikolayev, S. N.; Nikanorov, A. G.; Petrova, V. I.

TITLE: Centralized system for the assembly and processing of information 14

SOURCE: Ref. zh. Fizika, Abs. 7A254 16

REF SOURCE: Tr. t-y nauchno-tekhn. konferentsii po yadern. radioelektron. T. 3. Ch. 1. M., Atomizdat, 1965, 110-136

TOPIC TAGS: memory core, computer storage device, logic element, information assembly, information processing

ABSTRACT: The operational principle and basic equipment of a centralized system for the assembly and processing of information are described in detail. The system consists of a memory core device, a control device, several input arrangements, an output arrangement and extension testing panels. The technical characteristics of the system are as follows: 2048 channels; channel volume, 2^{16}; there are 8 input devices; interrogation period, 5 μ sec; registration time of the number,

Card 1/2

ACC NR: AR6035374 SOURCE CODE: UR/0271/66/000/009/B040/B041

AUTHOR: Ivanov, M. N.; Kadashevich, V. I.; Kondurov, I. A.; Nekhay, A. P.; Nikolayev, S. N.; Nikanorov, A. G.; Petrova, V. I.

TITLE: Central system for gathering and processing information (SOPI)

SOURCE: Ref. zh. Avtomatika, telemekhanika i vychislitel'naya tekhnika, Abs. 9B320

REF SOURCE: Tr. 6-y nauchno-tekhn. konferentsii po yadern. radioelektron. T. 3. Ch. I. M., Atomizdat, 1965, 110-136

TOPIC TAGS: computer design, information processing, information storage and retrieval, electronic computer, computer input and output unit, computer storage device/ Minsk-1 computer

ABSTRACT: The article describes a system developed at the Physicotechnical Institute im. A. F. Ioffe AN SSSR for time analysis in 500 - 1000 channels in the investigation of neutron spectra, for two-dimensional amplitude-time and amplitude-amplitude analysis, and for pulse-height analysis with 100 - 200 channels. The main units of the system are: the input units (amplitude and time analyzers) which transform the information received by them into a digital code that determines the address of the memory cell; the memory unit (magnetic operative memory of the "Minsk-1") for storage of the codes; the control unit, which scans the input units in sequence and extracts the numbers from the memory; output unit for the readout of the numbers from the memory to the printer unit, perforator, or cathode ray tube screen; movable control desk for remote control of the input blocks. The input blocks of the system can oper-

UDC: 681.142.4

Card 1/2

AP6036579 SOURCE CODE: UR/0000/66/000/000/0202/0203

AUTHOR: Kiselev, A. A.; Nikolayev, S. O.; Chizhov, G. K.

ORG: none

TITLE: Possibility of using the polycardiographic method for medical control of cosmonauts during flight [Paper presented at the Conference on Problems of Space Medicine held in Moscow from 24 to 27 May 1966]

SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 202-203

TOPIC TAGS: space medicine, biotelemetry, cardiology, polycardiography, bioinstrumentation

ABSTRACT: Methods used for medical monitoring of spaceflights must satisfy two basic requirements. Sensors for picking up physiological information must be located on the body surface of the cosmonaut and must be technically reliable. The data obtained must provide sufficient information concerning possible changes in the functional condition of the cosmonaut's organism.

On the basis of experience with manned spaceflights it is possible to

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(based on Stapp' s formula), calculation of the propagation rate of the pulse wave, and other indices, will provide a sufficient amount of information concerning the condition of the cosmonaut' s cardiovascular system.

The object of these experiments was to study the cardiac function during pressor-depressor reactions based on changes in the phase structure of the cardiac cycle. Experience with previous spaceflights has shown that this type of reaction can occur in cosmonauts. Functional tests included measured stimulation of the carotid sinus zone, changes in direction of the gravity vector in orthostatic tests, and changes in the magnitude of the gravity vector by means of accelerations. These tests revealed the dependence of the expulsion and tension phases on the frequency of cardiac contractions and degree of change of the systolic and diastolic pressure. It is concluded that the polycardiographic method can be used for evaluation of the condition of the circulatory mechanism under spaceflight conditions. [W.A. No. 22; ATD Report 66-[illegible]]

SUB CODE: 06 / SUBM DATE: 04May66

NIKOLAYEV, S.N., inzh.

Design features of American rotary trench excavators for pipeline construction. Stroi. i dor. mash. 9 no.6:13-16 Je '64. (MIRA 18:11)

NIKOLAYEV, S.P. (Novosibirsk)

Determining the time of the greatest brightness of Venus. Biul. VAGO no.23:55-56 '58. (MIRA 11:11)
(Venus (Planet))

NIKOLAYEV, S.P. (Novosibirsk)

Approximate computation of the moon's phases. Biul.VAGO no.25:38-40 '59. (MIRA 13:3)

1. Novosibirskoye otdeleniye Vsesoyuznogo astronomo-geodezicheskogo obshchestva.
(Moon--Phases)

NIKOLAYEV, S.P.

Waste from small boiler rooms and its effect on the sanitary living conditions. Gig. i san. 21 no.11:89 N '56. (MLRA 10:2)
(BOILERS--HYGIENIC ASPECTS) (AIR--POLLUTION)

KAMZAYEV, P.V.; BELYAYEVA, I.A.; IBATULLIN, M.S.; KONSTANTINOV, Yu.O.; NIKOLAYEV, S.P.; ORESHINA, A.F.; GUS'KOVA, V.N.

Radiation near a VVR-M nuclear reactor. Atom. energ. 19 no.1:86-89 Jl '65. (MIRA 18:7)

L 6467-66 EWT(m)/EPF(c)/ETC/EPF(n)-2/EWG(m) WW/DM
ACCESSION NR: AP5019819 UR/0089/65/019/001/0086/0089
621.039.58

AUTHOR: Ramayev, P. V.; Belyayeva, I. A.; Gus'kova, V. N.; Tsetulin, M. S.; Konstantinov, Yu. O.; Nikolayev, B. P.; Orekhov, A. P.

TITLE: Radiation conditions near the VVR-M nuclear reactor

SOURCE: Atomnaya energiya, v. 19, no. 1, 1965, 86-89

TOPIC TAGS: argon, atmospheric contamination, radiation dosimetry, radiation hazard, radiation protection, Gamma background, radioactive waste disposal

ABSTRACT: The article deals with the determination of the concentration of radioactive waste in the atmosphere near research reactors. It is shown first that if the fuel-element cladding is hermetically sealed and the aerosols are effectively trapped, the radioactivity in the surrounding air is due for the most part to Ar^{41} (disregarding the very slight oxygen activity). The chemical inertness of the argon prevents its accumulation in the organism, its dangerous effects are due to its external γ radiation. This, on the other hand, facilitates its monitoring and prevention of harm to the population. The authors have measured the radioactive contamination of the air around the VVR-M reactor operating at 10 MW power, over an area of a 30-km radius around the reactor. No radioactive fission products,

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0901 1441

NIKOLAYEV, S.S.

KORZHUYEV, S.S.; NIKOLAYEV, S.S.

Types of permafrost karst and some features of its development. Izv. AN SSSR. Ser. geog. no.6:33-46 N-D '57. (MIRA 11:1)

1. Institut geografii AN SSSR i Nauchno-issledovatel'skiy geologo-razvedochnyy institut zolota.
(Karst) (Frozen ground)

NIKOLAYEV, S.S.

Mountain formations on the earth and their causes. Vest. Ak Kazakh.SSR 16 no.6:23-33 Je '60. (MIRA 13:7)
(Mountains)

BEVZENKO, N.Ye.; NEVEROVICH, Ye.M.; NIKOLAYEV, S.S.; PETROV, P.A.

Prospects for finding the skarntype original gold deposits in Western Siberia. Trudy SNIGGIMS no.6:72-74 '61. (MIRA 15:7)
(Siberia, Western--Gold ores)

NIKOLAYEV, S.S., insh.; SEDOVA, M.F., insh.; BUSHTEDT, I.I., insh.
[redacted], V.P., insh.; YEREMENKO, V.V., kand.tekhn.nauk;
VRUBLEVSKIY, L.Ye., insh.

Using clay shale for manufacturing keramsit. Stroi. mat.
7 no.7:34-37 Jl '61. (MIRA 14:7)
(Shale) (Aggregates (Building materials))

NIKOLAYEV, S.S.

Earth glaciations and their causes. Trudy Otd. geog. AN Kazakh. SSR no.8:98-113 '61. (MIRA 14:8)

(Cosmogony, Glacial)

POPOV, Viktor Stepanovich, NIKOLAYEV, Sergey Ivanovich; [illegible], red.

[Electrical engineering] Elektrotekhnika. Moskva, Energiia, 1965. 597 p. (MIRA 18:12)

NIKOLAYEV, S.V.; GRIGOR'YEV, YA.P.

Conveyer with tripper car for loading kegs in freight cars. Mash.-skir.prom.21 no.7:33-34 '55. (MLRA 9:1)

1.Yevdakovskiy shirkombinat.
(Conveying machinery)

NIKOLAYEV, S.V.

Mekh. metal. Mekh.-shir.proiz. 26 no.10:38-39 O '60. (MIRA 13:10)

1. Yevdakovskiy shirovoy kombinat.
(Yevdakovo—Hoisting machinery)

VINNICHENKO, V.M.; NIKOLAYEV, S.V. [deceased]

[Economics, organization, and planning of geological prospecting; technical economic calculations] Ekonomika, organizatsiia i planirovanie geologorazvedochnykh rabot; tekhniko-ekonomicheskie raschety. Moskva, Nedra, 1965. 223 p. (MIRA 18:6)

ACC NR: AR6035190 SOURCE CODE: UR/0274/66/000/009/A006/A006

AUTHOR: Rezvetsov, N. B.; Chernolutskaya, Ye. S.; Nikolayev, S. V.

TITLE: Experimental methods of checking interference immunity of communication systems

SOURCE: Ref. zh. Radiotekhnika i elektrosvyaz', Abs. 9A31

REF SOURCE: Sb. 2-ya Vses. konferentsiya po teorii kodir. i yeye prilozh. Sekts. 3. Ch. I. M., b.g., 24-35

TOPIC TAGS: interference immunity, communication system, [redacted], analog system [redacted]

ABSTRACT: The problems of checking the interference immunity of communication systems and methods of their optimization under complex external conditions are studied. During the first stage of the development of the equipment it is recommended that the investigation be conducted on a simulator. Preference is given to analog systems, which require a lower expenditure of machine time than do digital computers. When investigating systems operating in USW and SHF ranges, it is advisable that use be made of time-frequency transformation during

Card 1/2 UDC: 621.391.17

NIKOLAYEV, S.V.

Distribution of dolomite in limestone-dolomite rocks of Samara Bend.
Dokl.AN SSSR 111 no.1:169-170 N-D '56. (MLRA 10:2)

1. Predstavleno akademikom N.M.Strakhovym.
(Samara Bend--Dolomite)

NIKOLAYEV, S.V.

Principal types of dolomites in the Samara Bend and their physical properties. Trudy [illegible] no.17:143-154 '57. (MIRA 11:6)
(Samara Bend--Dolomite)

NIKOLAYEV, S. V., Cand Geol-Min Sci -- (diss) "Limestone-dolomite rocks of the northwestern part of Samarskaya Luka and their physicomechanical properties." Mos, 1958. 21 pp (Inst of Geology of Ore Deposits, Petrography, Mineralogy, and Geochemistry, Acad Sci USSR), 150 copies (KL, 17-58, 106)

NIKOLAYEV, S.V.

Mineralogical types of limestone deposits in the Samara Bend.
Trudy IGEM no. 13:10-14 '58. (MIRA 11:7)
(Samara Bend--Dolomite)

NIKOLAYEV, S.V.

Studying the fissility of rocks in the Samara Bend. Trudy IGiRGI no.13:24-37 '59. (MIRA 11:7)
(Samara Bend--Petrology)

NIKOLAYEV, S.I.

Marlaceous dolomites in the upper Carboniferous of the Samara Bend.
Trudy IGEM no.13:33-40 '58. (MIRA 11:7)
(Samara Bend--Dolomite)

VLASOVA, M.I.; NIKOLAYEV, S.V.

Porosity of effusive rocks of the eastern Karamazar and its effect on the localization of polymetallic mineralization. Vest.Mosk.un. Ser.biol., pochv., geol., geog. 14 no.4:85-94 '59. (MIRA 13:6)

1. Kafedra petrografii Moskovskogo universiteta.
(Karamazar Mountains--Rocks--Density)
(Ore deposits)

SEREBRYAKOV, L.F.; VOLODCHENKO, K.G.; MINASHKIN, M.A.Prinimali uchastiye: TITOV, N.A.; PROSELKOV, N.L.; MIHAYEV, I.Z.; NIKOLAYEV, S.V.; SAMOYLOVA, V.F.; SIDOROVA, L.P.; FOMIN, V.F., red. vypuska; BOBROVSKIY, A.T., red. vypuska; CHAPOVSKIY, Ye.G., red. vypuska; POSPELOVA, A.M., red. izd-va; GUROVA, O.A., tekhn. red.

[Collection of unified district estimates for geological prospecting] Sbornik edinykh poraionnykh edinichnykh rastsenok na geologorazvedochnye raboty. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr. No.2. [Hydrogeology and geological engineering] Gidrogeologicheskie i inzhenerno-geologicheskie raboty. 1960. 91 p. (MIRA 14:12)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. 2. Ministerstvo geologii i okhrany nedr SSSR (for Titov, Nikolayev).

(Prospecting)

NIKOLAYEV, S.V.

Physicomechanical properties of upper Paleozoic ignimbrites and tuff lavas of the Chatkal-Kurama zone. Trudy Lab. vulk. no.20: 211-216 '61. (MIRA 14:11)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR.
(Chatkal Range—Volcanic ash, tuff, etc.)
(Kurama Range—Volcanic ash, tuff, etc.)

NEKRASOV, Ye.M.; NIKOLAYEV, S.V.

Changes in the physical properties of quartz felsite-porphyries in enclosing zones of the Zambarak lead-zinc deposit. Trudy MERM no.43:124-127 '61. (MIRA 14:10)
(Kurama Range—Ore deposits)

POPOV, I. N.; NIKOLAYEV, S. V.; BONDARENKO, V. S.

Physicomechanical properties and breakage of rocks during forcing through by blasting with shaped charges. Izv. vys. ucheb. zav.p geol. i razv. 5 no.10:130-139 O '62. (MIRA 16:1)

1. Moskovskiy geologorazvedochnyy institut imeni Ordzhonikidze.

(Rocks—Testing) (Blasting)

RIGAY, I.N.; NIKOLAYEV, S.V.

Effect of the physical properties of hydrothermally altered rocks on metasomatic ore deposition. Geol. rud. mestorozh. 7 no.2:25-37 Mr-Ap '65. (MIRA 18:7)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR, Moskva.

NIKOLAYEV, S. Ye.

Blasting fast ice in the Mirnyy region. Inform. biul. Sov. antark. eksp. no.46:37-40 '64 (MIRA 18:1)

1. Starshiy inzhener, Arkticheskiy i antarkticheskiy nauchno-issledovatel'skiy institut.

NIKOLAYEV, T.F.; SHIRYAYEV, Yu.S., red.; LIBMAN, O.I., red.izd-va; VORONINA, R.K., tekhn.red.

[State budget, credit and money circulation under socialism; materials on a lecture course in political economy] Gosudarstvennyi biudzhet, kredit i denezhnoe obrashchenie pri sotsializme; materialy k lektsii po kursu politicheskoi ekonomii. Moskva, Gos.izd-vo "Vysshaia shkola," 1959. 36 p. (MIRA 13:3)

(Finance)

NIKOLAYEV, T. G., Cand Vet Sci -- (diss) "Problem of the effect of the nervous system on the production of brucellositic agglutinins and phagocytaric activity of leucocytes." Saratov, 1960. 16 pp; (Ministry of Agriculture RSFSR, Kazan' Veterinary Inst im N. E. Bauman); 200 copies; free; (KL, 22-60, 142)

AUTHOR: Nikolayev, V.

TITLE. An Apparatus for UHF Diathermy (Apparat dlya UVCh diatermii)

PERIODICAL: Radio, 1958, Nr 12, p 55 (USSR)

ABSTRACT: The author describes a simple apparatus for uhf therapy which may be used in stomatology. The designer, V.N. Shcherbakov, a member of the Tiflis Radio Club of the DOSAAF, received a first-class diploma and the 5th prize in the "Radio Methods in the National Economy" section at the 19th All-Union Exhibition of the Creative Work of Radio Amateurs. For a long time the apparatus was used for diathermal coagulation for gangrene of the pulp, as well as for uhf therapy, and was approved by the Health Ministry of the USSR. In 1957 the Gosudarstvennyy Komitet po delam izobreteniy pri Sovete Ministrov SSSR (State Committee for Inventions of the Council of Ministers of the USSR), issued an author's certificate for it. The apparatus consists of a high frequency low-powered generator for medical use. The chief difference between this apparatus and the uhf apparatus now widely used in medical practice are: its simplicity, low power consumption, a higher working frequency, and the absence of a secondary circuit in the output. One of its defects is that

Card 1/2

An Apparatus for UHF Diathermy

it does not work on a frequency allotted for electronic medical equipment. A detailed description of the apparatus is given.
There is one circuit diagram.

Card 2/2

S/197/63/000/002/005/005
B117/B186

AUTHORS: Dobryakov, D., Nikolayev, V., Saulite, U.

TITLE: Electromagnetic rabbit transport for atomic reactors

PERIODICAL: Akademiya nauk Latviyskoy SSR. Izvestiya, no. 2 (187), 1963, 68-74

TEXT: The rabbit conveyor for atomic reactors here described was developed at the Institut fiziki AN Latv. SSR (Institute of Physics AS LatSSR). This transport system utilizes one of the channels arranged vertically along the periphery of the active zone for rapidly transporting the rabbits (transport time of the order of several seconds) from the hot cave into the active zone and after exposure to irradiation back to the hot cave. The electromagnetic rabbit conveyor has the following principal parts: 1) mechanical assembly; 2) inductor coil; 3) operational control circuit; 4) automatic cut-off unit for the power supply of the inductor. The mechanical assembly comprises the transport channel, a divergent cone with a support and a jacket. The conveyer is the movable part. The transport channel is an aluminum tube 15 m long (52 mm inner diameter, 1 mm wall thickness), connecting the active zone with the hot cave. The rabbit conveyer for transporting the rabbits with the substance to be

Card 1/2

S/197/63/000/002/005/005
B117/B186

Electromagnetic rabbit transport for ...

Irradiated comprises: cylindrical guides, carriers and rabbits (6 cylinders and 5 rabbits with the payload). Its motive force is a three-phase electromagnetic field within the channel (4 sec from the hot cave into the active zone and 3.5 sec on the way back). The winding consists of 150 coils, divided into two parallel circuits (72 and 78 coils), of which 30 are used for slowing down the conveyer when it enters the hot cave. For a payload of 300 g, an amperage of 230-340 a is necessary to lift the conveyer, weighing 2000 g, whereas 160-170 a are required for slowing it down. An aluminum blanket which is the load-bearing part of the entire construction protects the winding from moisture. A special circuit diagram, including the possibility of automatic control provides for the progressive motion of the conveyer. The principal parts of the control unit are: Control console, automatic control and time-lag relay. In view of the radiation effect the most suitable constructional material for the electromagnetic transport is pure aluminum. All tests of the system, subjected to real working conditions, gave positive results. The power of the device is about 200 kva. There are 5 figures.

ASSOCIATION: Institut fiziki AN Latv.SSR (Institute of Physics AS Latvian SSR)

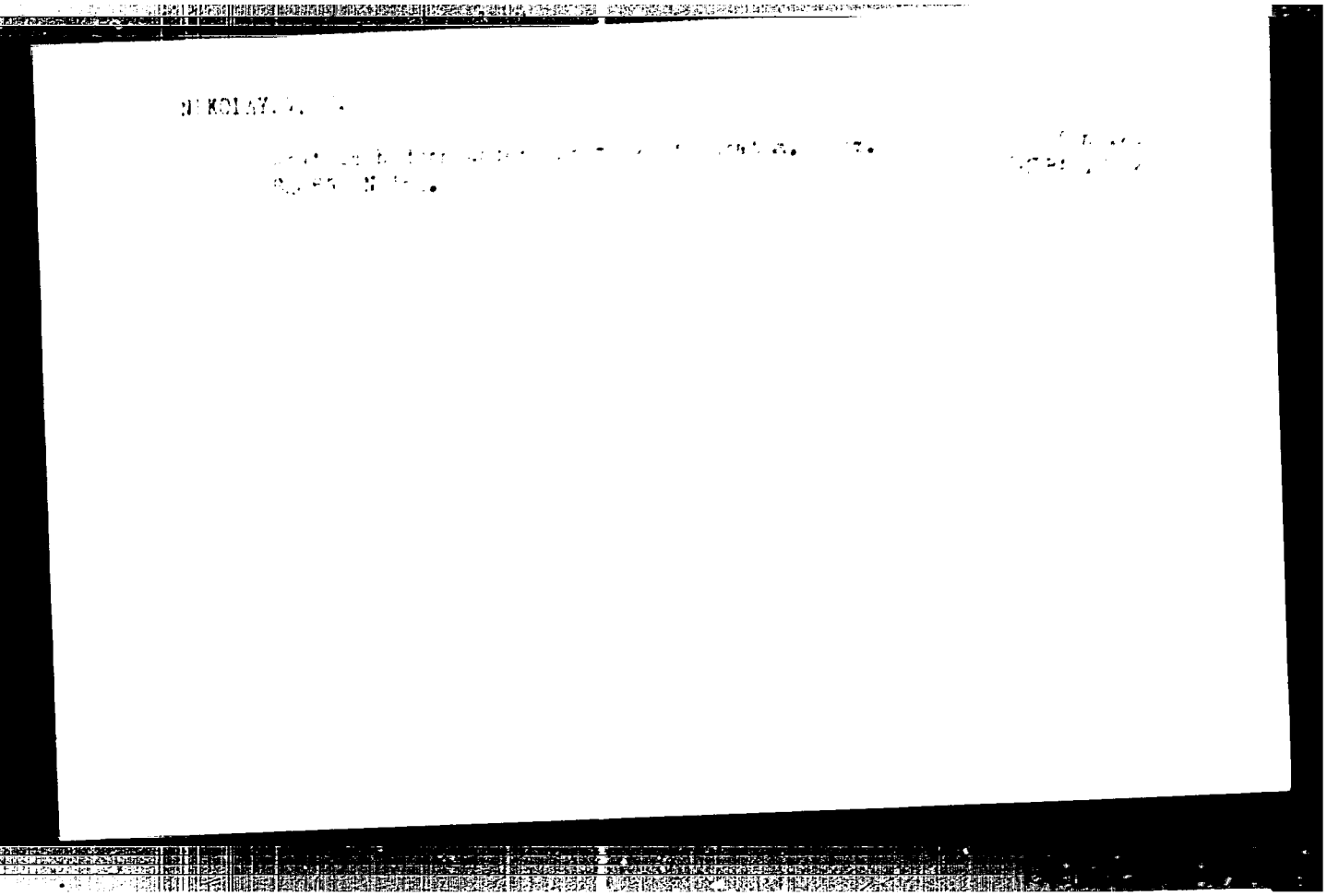
SUBMITTED: September 26,1962

Card 2/2

DOBRYAKOV, D.; NIKOLAYEV, V.; SAULITE, U.

Installation of an electromagnetic transportation system in a nuclear reactor. Izv.AN Latv.SSR no.2:68-74 '63. (MIRA 16:4)

1. Institut fiziki AN Latviyskoy SSR.
(Nuclear reactors)



NIKOLAYEV, V.A.

SKRIABIN, K. I., Acad.; VISHNEVSKII, S. N.; ISACHENKO, B. L., Acad.; SARKISOV, A. KH., Cand. Biological Sci.; FEDOTOV, B. N., Cand. Veterinary Sci.; NIKOLAYEV, V. A., Cand. Biological Sci.; PROKOF'EV, A. P., Sr. Sci. Coworker

"In Memory of A. A. Vladimirov."

SO: Veterinariia 25(4), 1948, p. 48

NIKOLAEV, V. A.

USSR/Medicine - Infectious Diseases Oct 50

"Experiments on the Use of Live Vaccine in the Fight Against Brucellosis," Prof. V. A. Nikolaev, Dr Vet Sci, Leningrad Sci Res Vet Inst

"Veterinariya" No 10, pp 19, 20

Describes expts carried out with live vaccine prepd from Strain 22 of Brucella abortis suis, produced by Leningrad Sci Res Vet Inst, since 1946. Nikolaev believes use of live vaccine from avirulent strains will be highly effective means in control of brucellosis.

1[illegible]/1

NIKOLAYEV, V. A.

Kak iskoreait' zabolevaniye zhivotnykh brutsellezom (How to Eradicate Brucellosis in Animals). Leningrad. Lenizdat. 1951. 47 pages with illustrations.

U-5235

NIKOLAYEV, V. A.

FA 23[illegible]10

[illegible]/Antibiotics, Veterinary - Brucellosis Jun 48

"Results Carriers Among Cows Showing Over a Period of Years a Positive Agglutination Reaction to the Low Titer Range," V.A. Nikolayev, P. I. Rebrov, Leningrad Vet Sci Res Inst

"Veterinariya" No 1, pp 37-39

Authors recognize the agglutination test as essential in the diagnosis of brucellosis in cattle. Following research and experimentation during the course of studying out brucellosis in the [illegible] (1945 - 1949), authors assume that clinically

23[illegible]10

healthy and convalescent cows, showing a low titer of 1/50++ in agglutination tests over a period of several years, may be retained in a herd without danger to the health of other animals.

23[illegible]10

*Given as Rebrov, P. I. in another transliteration; other translations also Rebrov. check Letopis'

NIKOLAYEV, V.A., doktor veterinarnykh nauk, professor.

Achievements of veterinarians in collective farm practice. Nauka i shizn' 20 no.9:27-28 S '53. (MLRA 6:11)
(Veterinary medicine)

NIKOLAYEV, V.A., professor.

"Organization of veterinary service in collective farms." K.M. Malinin. Reviewed by V.A. Nikolaev. Veterinariia 30 no.3: 58-59 Mr '53. (MLRA 6:3)

NIKOLAYEV, V.

Progressive* zootechnical-veterinary sector of Kostroma Province. Veterinariia 30 no.10:20-23 O '53. (MLRA 6:9)
(Kostroma Province--Veterinary medicine) (Veterinary medicine--Kostroma Province)

*Another translation uses word "Headmost"

[redacted], V.A., professor.

Vaccinating pigs against brucellosis as a supplementary measure in controlling infection. Veterinariia 30 no.12:16-19 D '53. (MLRA 6:11)

1. Leningradskiy nauchno-issledovatel'skiy veterinarnyy institut.

NIKOLAYEV, V.A.

[Brucellosis] Brutsellez. 2., ispr. i dop. izd. Moskva, [Sel'khoz-giz] 1954. 269 p. (MLRA 7:12)
(Brucellosis)

NIKOLAYEV, V., kapitan 2-go ranga

The professional skill of watch officers has improved. Komm.
Vooruzh. Sil 46 no.2:63-65 Ja '66. (MIRA 19:1)

NIKOLAYEV, V. A.

133-58-4-17/40

AUTHORS: Tsukanov, E.F., Ivanchenko, F. K. and Volotkov, L.F., Docents, Pavlenko, B. A., Nikolayev, V. A., Krizhanovskiy, A. L. and Kokhno, P. Ya., Engineers

TITLE: Investigation of Loads During Rolling Plates (Issledovaniye davleniy pri prokatke listov)

PERIODICAL: Stal', 1958, Nr 4, pp 332-334 (USSR)

ABSTRACT: The measurements of rolling loads endured by rolls in a medium plate mill during rolling plates were carried out. The mill consisted of two stands in line: three rolls (LAUT) for rolling plates and two-rolls for riffling plates. In the three roll mill 670 x 517 x 670 mm for rolling smooth plates cast iron rolls with a chilled surface are used and for riffled plates, forged steel rolls (50 KhG). The length of rolls 1800 mm. In the two roll stand in which only one pass is made for riffling, cast iron rolls of 650 mm diameter with chilled surface are used. The mill is powered with a 900 h.p. motor. Riffled plate was rolled in 10-12 passes and smooth plates in 11-13 passes. Measurements of loads on rolls were carried out during rolling plates (dimensions in Table 1) and the most characteristic results are given in Table 2. Experimental results are compared in Figs.1-3.

Card 1/2

POLUKHIN, P.I.; NIKOLAYEV, V.A.; POLUKHIN, V.P.; GROGORYAN, G.G.

Determining the flattened arc of bite in sheet rolling. Izv. vys. ucheb. zav.; chern. met. 7 no.7:125-131 '64. (MIRA 17:8)

1. Moskovskiy institut stali i splavov.

CHEKMAREV, A.P., akademik; NIKOLAYEV, V.A., inzh.

Investigating the coefficient of friction during hot rolling.
Izv. vys. ucheb. zav.; chern. met. no.12:57-67 D '58.
(MIRA 12:3)

1.AN SSSR (for Chekmarev). 2.Dnepropetrovskiy metallurgicheskiy institut i Dneprodzerzhinskiy vechernyy metallurgicheskiy institut.
(Rolling (Metalwork)) (Friction)

TSUKANOV, E.F., dots.; IVANCHENKO, F.K., dots.; KOLOTKOV, L.F., dots.; PAVLENKO, B.A., inzh.; NIKOLAYEV, V.A., inzh.; KRIZHANOVSKIY, A.L., inzh.; KOKHNO, P.Ya., inzh.

Investigating pressures during plate rolling (with summary in English). Stal' 18 no.4:332-334 Ap '58. (MIRA 11:5)

1. Dneprodzerzhinskiy vechernyy metallurgicheskiy institut i Zavod im. Dzerzhinskogo.

(Rolling (Metalwork))

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S/137/61/000/005/014/060
A006/A106

AUTHORS: Ivanchenko, F.K., Molotkov, L.P., Tsukanov, E.F., Nikolayev, V.A., Pavlenko, B.A.

TITLE: Measurement of pressure on a medium-sheet mill and new conditions of reduction

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no.5, 1961, 4, abstract 5D26 ("Sb.tr. Dneprodzerzh. vech. metallurg. in-ta", 1960, v.2, 139-145)

TEXT: The authors present a short descriptior of the mill which consists of two stands: a Lauth three-high mill - for the broaching of a smooth sheet, and a two-high mill for the rolling of a corrugated sheet. During the investigations the temperature and pressure of the metal on the rolls were measured when rolling smooth sheets of 4 x 1,400 x 4,200 mm dimensions and Ст .3 (St.3) corrugated steel sheets of 5 x 1,100 x 6,000 mm. The experimental results were used to calculate new conditions of reduction which make it possible to raise the efficiency of the mill by 15 - 20%.

V. P.

[Abstracter's note: Complete translation]

Card 1/1

9C

SOV/6176

The Effect of Nuclear Radiation (Cont.)

PURPOSE: This book is intended for personnel concerned with nuclear materials.

COVERAGE: This is a collection of papers presented at the Moscow Conference on the Effect of Nuclear Radiation on Materials, held December 6-10, 1960. The material reflects certain trends in the work being conducted in the Soviet scientific research orginization. Some of the papers are devoted to the experimental study of the effect of neutron irradiation on reactor materials (steel, ferrous alloys, molybdenum, avial, graphite, and nichromes). Others deal with the theory of neutron irradiation effects (physico-chemical transformations, relaxation of internal stresses, internal friction) and changes in the structure and properties of various crystals. Special attention is given to the effect of intense γ-radiation on the electrical, magnetic, and optical properties of metals, dielectrics, and semiconductors.

Card 2/14

NIKOLAYEV, V.A.

Calculating unit pressures in rolling. Izv. vys. ucheb. zav.; chern. met. 5 no.8:88-97 '62. (MIRA 15:9)

1. Dneprodzerzhinskiy metallurgicheskiy zavod-vtuz.
(Rolling (Metalwork))

NIKOLAYEV, V.A.; CHERMETA, A.P.; NEFEDOV, A.A.

Regularities of advance changing in grooves for the rolling of angles. Izv. vys. ucheb. zav.; chern. met. 6 no.4:83-87 '63. (MIRA 16:5)

1., Dneprodzerzhinskiy metallurgicheskiy zavod-vtuz.
(Rolling (Metalwork))

NIKOLAYEV, V.A.

Calculating specific pressure in rolling in grooves. Izv. vys. ucheb. zav.; chern. met. 6 no.8:102-106 '63. (MIRA 16:11)

1. Dneprodzerzhinskiy metallurgicheskiy zavod-vtuz.

POLUKHIN, P.I.; NIKOLAYEV, V.A.; RADYUKEVICH, L.V.; ZHELEZNOV, Yu.D.; POLUKHIN, V.P.

Increasing the output of the 1200 continuous mill. Metallurg 8 no.5:18-19 My '63. (MIRA 16:7)

1. Moskovskiy institut stali i splavov i Magnitogorskiy metallurgicheskiy kombinat.
(Rolling mills)

The effect of technological factors on the S/133/63/000/008/007/014
A054/A126

by giving them a special profile section (dipping or grooving at the edges); moreover, by giving the roll barrel a surface of varying wear resistance, adjusted to the forces applied to it (by hard-surfacing with hard alloys). The measures recommended are covered by Author's Certificate No. 142.889, 1961 (Ref. 5) and No. 151976, 1962 (Ref. 3). There are 7 figures.

ASSOCIATIONS: Moskovskiy institut stali i splavov (Moscow Institute of Steel and Alloys); Magnitogorskiy metallurgicheskiy kombinat (Magnitogorsk Metallurgical Combine)

1

Card 2/2

NIKOLAYEV, V.A.; IVANCHENKO, F.K.; TSUKANOV, E.F.; PAVLENKO, B.A.; CHEPELEV, P.M.

Investigating applied stresses during rolling on rail and structural steel mills. Stal' 23 no.10:924-925 O '63. (MIRA 16:11)

1. Dneprodzerzhinskiy metallurgicheskiy zavod-vtuz i zavod im. Dzerzhinskogo.

POLUKHIN, P.I., doktor tekhn. nauk, prof.; ZHELEZNOV, Yu.D., kand. tekhn. nauk; ANTSIFEROV, V.G., inzh.; REIZOV, N.S., inzh.; SAKHARIN, N.N., inzh.; NIKOLAYEV, V.A., inzh.; TERESHKO, A.K., inzh.; POLUKHIN, V.P., kand. tekhn. nauk

Investigating the strength of the connecting rod of slabbing-mill shears. Vest. mashinostr. 43 no.10:13-17 O '63.
(MIRA 16:11)

NIKOLAYEV, V. A.

Determination of specific pressures. Izv. vyz. mashin. zav.; chern. met. 7 no.6:77-80 '64. (MIRA 17:7)

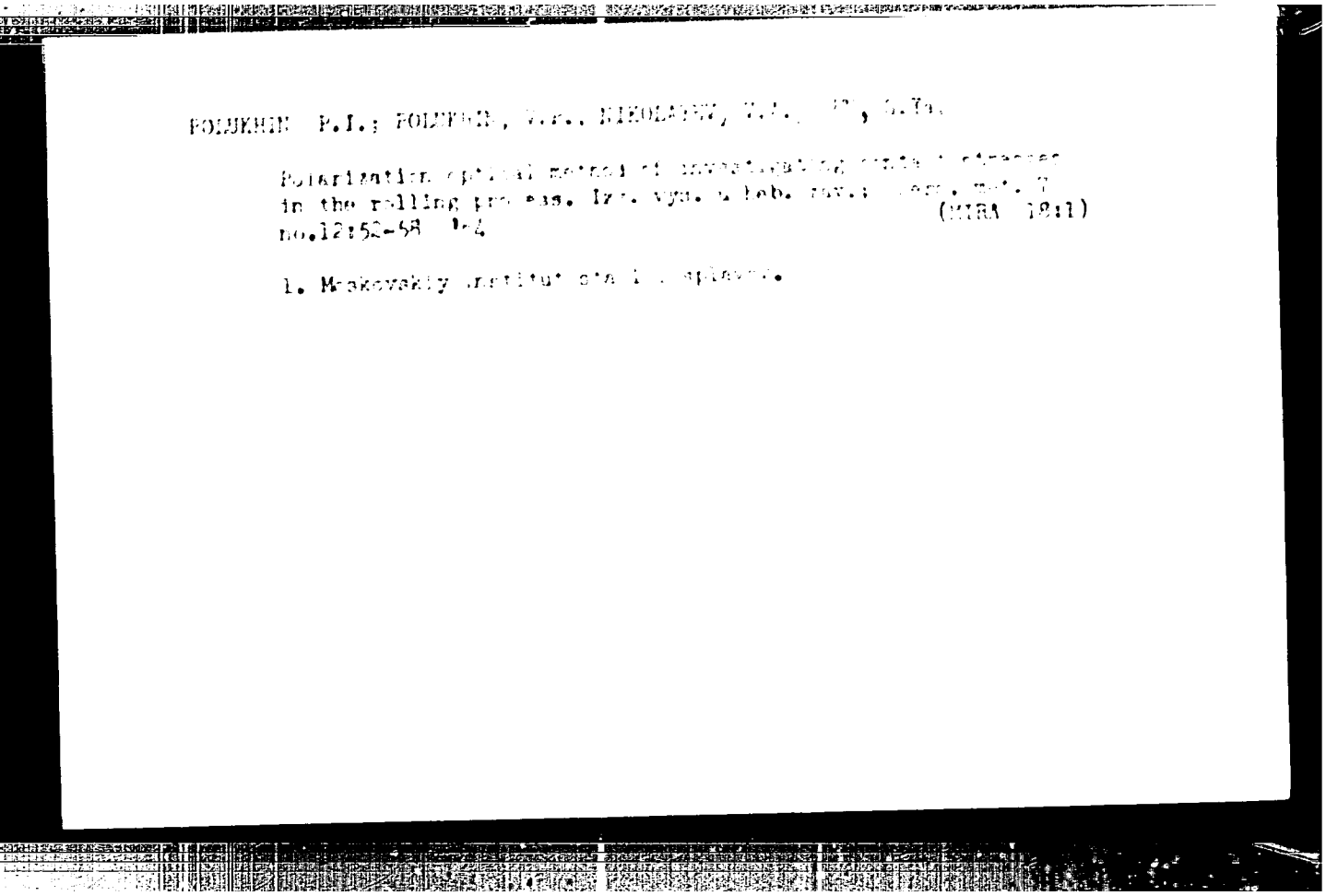
1. Dneprodzerzhinskiy metallurgicheskiy zavod-vtuz.

POLUKHIN, P. I.; GRIGORYAN, G. G.; NIKOLAYEV, V. A.; [illegible]

Approximate modeling of stresses in the surface layer of work rolls. Izv. vys. ucheb. zav.; chern. met. 7 no.[illegible] 97-102 '64. (MIRA 17:7)

POLUKHIN, P.I.; GRIGORYAN, G.G.; NIKOLAYEV, V.A.; ZHELEZNOV, Yu.D.

Active stresses in the rolls of cold rolling mills. Vest. AN Kazakh. SSR 20 no.2:71-80 F '64. (MIRA 18:1)



POLUKHIN, P.I.; POLUKHIN, V.P., NIKOLAYEV, V.I., [illegible], G.Ya.

Polarization optical method of investigating stress [illegible] in the rolling process. Izv. vys. ucheb. zav.; chern. met. no.12:52-58 '58. (MIRA 12:1)

1. Magnitogorskiy gornometallurgicheskiy institut im. [illegible].

NIKOLAYEV, V.A.

Fopleistocene of the West Siberian Plain. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no.44:92-108 '64.

(MIRA 17:11)

NIKOLAYEV, V.A.

Geomorphologic regionalization of the West Siberian Plain. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no.27:4-22 '62.
(MIRA 17:11)

NIKOLAYEV, V.A.

Interesting find of Holocene flora in the Novosibirsk region. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no.27:68-71 '62.
(MIRA 17:11)

SHUMILOVA, Ye.V.; NIKOLAYEV, V.A.

Terrigenous-mineralogical provinces of the Quaternary rocks of the West Siberian Plain and some characteristics of their formation. Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR no. 44:146-151 '64. (MIRA 17:11)

NIKOLAYEV, V.A.

Effect of initial water saturation of nonuniform porous media on oil yield. Izv. vys. ucheb. zav.; neft' i gas. 7 no.10: 51-54 '64. (MIRA 18:2)

1. Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti im. akad. I.M. Gubkina.