ALYOSHIN, B.V.

"On ways and means of regulating the influences of the hypothalamus on the endocrinous system."

Report submitted, but not presented at the 22nd International Congress of Physiological Sciences.
Leiden, the Netherlands 10-17 Sep 1962

MARKHININ, Ye.K.; ALYPOVA, O.M.

Concerning G.S.Groshkov's article "Some problems in the theory of volcanology." Reviewed by E.K.Markhinin, O.M.Alypova. Izv. AN SSSR. Ser. geol. 26 no.5:101-103 My '61. (MIRA 14:5)
(Volcanoes) (Groshkov, G.S.)

ALYPOVA, O.M.

Magnetic field in the crater of the Ploskiy Tolbachik Volcano.
Biul. vulk. sta. no.38:62-65 '64. (MIRA 18:3)

ALYSHBAYEV, B.

KYDYNOV, M., nauchnyy sotrudnik; BATYRCHAYEV, I.; LOPINA-SHENDRIK, M.D.; KALBAYEV, A.; IMANAKUNOV, B.; SULAYMANKULOV, K., kand.khim.nauk; DUYSHENALIYEVA, N.; AKBAYEV, A.; KAZIYEV, K.; GOLOVIN, F.I.; BAKASOVA, Z.; KOVALENOK, Z.P.; SHELUKHINA, N.P.; BUGUBAYEV, A.B., starshiy prepodavatel'; BAYBULATOV, E.B., mladshiy nauchnyy sotrudnik; FILIPPOV, N.A., mladshiy nauchnyy sotrudnik; MAMBETAKUNOV, T., aspirant; IMANKULOV, A., aspirant; TURMAMBETOV, S., mladshiy nauchnyy sotrudnik; MUKHAMEDZIYEV, M.M., nauchnyy sotrudnik; KONUHBAYEV, A.O.; PAK, L.V.; HUDAKOV, O.L.; TOKTOSUNOV, A.; KULAKOVA, R.I.; ASHIRAKHMANOV, Sh., aspirant; ALYSHBAYEV, B.; SULTANALIYEV, A.; AKHMETOV, K.; POLONOVA, A.P.; NIKITINSKIY, Yu.I.; SHAMBETOV, S.Sh.; DZHUMBAYEV, B.O., nauchnyy sotrudnik; DHUZHININ, I.G., red.; ANOKHINA, M.G., tekhn.red.

[Papers by junior scientists of the Academy of Sciences of the Kirghiz S.S.R.] Trudy molodykh nauchnykh rabotnikov AN Kirgizskoi SSR. Frunze, 1958. 411 p. (MIRA 12:3)

(Continued on next card)

KYDYNOV, M.---(continued) Card 2.

1. Akademiya nauk Kirgizskoy SSR, Frunze. 2. Institut khimii AN Kirg.SSR (for Kydynov). 3. Kirgizskiy gosudarstvennyy universitet (for Bugubayev). 4. Institut geologii AN Kirg.SSR (for Baybulatov). 5. Institut vodnogo khozyaystva i energetiki AN Kirg.SSR (for Filippov). 6. Otdel fiziki i matematiki AN Kirg.SSR (for Mambetakunov, Imankulov). 7. Institut zoologii i parazitologii AN Kirg.SSR (for Turmambetov). 8. Kirgizskiy meditsinskiy institut (for Mukhamedziyev). 9. Otdel pochvovedeniya AN Kirg.SSR (Ashirakhmanov). 10. Institut botaniki AN Kirg.SSR (for Alyshbayev, Sultanaliyev, Akhmetov, Polenova, Nikitinskiy). 11. Institut istorii AN Kirg.SSR (for Dzhumbayev).
(Science--Collections)

COUNTRY : USSR
CATEGORY : Cultivated Plants. Fodder Grasses and Root Crops. M

ABS. JOUR. : RZhBiol., No. 3, 1959, No. 11015

AUTHOR : Alyshbayev, B.
INST. : -
TITLE : Root Crops Under the Conditions of Susamyrskaya Valley.

ORIG. PUB. : S. kh. Kirgizii, 1958, No. 5, 27-28

ABSTRACT : No abstract.

CARD: 1/1

ALYSHBAYEV, B.

Transpiration of root crops in the Susamyr high-mountain valley. Izv. AN Kir. SSR. Ser. biol. nauk 3 no.3:67-78 '61. (MIRA 14:12)
(SUSAMYR VALLEY--ROOT CROPS)
(PLANTS--TRANSPIRATION)

ALYSHBAYEV, D.A., red.; TSYBINA, Ye.V., tekhn.red.

[Problems in the economics of collective farms in Tien Shan Province; a collection of papers] Voprosy ekonomiki kolkhozov Tian'-Shan'skoi oblasti; sbornik statei. Frunze, 1957. 131 p. (MIRA 11:1)

1. Akademiya nauk Kirgizskoy SSR, Frunze. Institut ekonomiki.
(Tien Shan Province--Collective farms)

ALYSHBAYEV, Dzhumagul Alyshbayevich; NAYDICH, Iosif Matveyevich; YEROPKIN, Vasiliy Gavrilovich, otv. red.; MAVLYUTOV, R.R., red.; KOLESNIKOV, A.A., tekhn. red.

[Prospects for developing heavy industry in the Kirghiz S.S.R. utilizing the fuel and power resources of the Naryn Basin and local mineral resources; problem of the Bol'shoy Naryn]O perspektivakh razvitiia tiazheloi promyshlennosti Kirgizskoi SSR na baze osvoeniia energeticheskikh resursov basseina reki Naryna i mestnogo mineral'nogo syr'ia; problema Bol'shogo Naryna. Frunze, Ob-vo po rasprostraneniiu polit.i nauchn.znanii Kirgizskoi SSR, 1959. 47 p. (MIRA 15:11)
(Kirghizistan--Industries)
(Kirghizistan--Natural resources)

ALYSHBAYEV, D.A., otv. red.; SKRIPKINA, Z.I., red.izd-va; ANOKHINA, M.G., tekhn. red.

[Development of the national economy of Kirghizistan] Voprosy razvitiia na odnogo khoziaistva Kirgizii; sbornik statei. Frunze, 1963. 102 p. (MIRA 16:7)

1. Akademiya nauk Kirgizskoy SSR. Frunze. Institut ekonomiki.
(Kirghizistan--Economic conditions)

ALYSHBAYEV, Dzhumagul Alyshbayevich; DRUKER, Boris Aronovich; YERINA, V.M., otv. red.; KOVAL'CHUK, V.V., red. izd-va; ANOKHINA, M.G., tekhn. red.

[Problems in the development and distribution of the most important branches of industry in Kirghizistan]Voprosy razvitiia i razmeshcheniia vazhneishikh otraslei promyshlennosti Kirgizii. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 29 p. (MIRA 15:9)

(Kirghizistan--Industries, Location of)

ALYSHBAYEV, D.A., nauchn. sotr.; GUSHCHIN, A.F., nauchn. sotr.; ABDUKAKHMANOV, I., nauchn. sotr.; MEL'NIKOV, A.A., nauchn. sotr.; DRUKER, B.A., nauchn. sotr.; IMANALIYEV, M., nauchn. sotr.; YESIPOV, N.S., otv. red.; SEMIKINA, T.F., red.izd-va; POPOVA, M.G., tekhn. red.

[Prospects for the development and distribution of the most important branches of the Kirghiz industry] Perspektivy razvitiia i razmeshcheniia vazhneishikh otraslei promyshlennosti Kirgizii. Frunze, Izd-vo AN Kirg.SSR, 1963. 154 p. (MIRA 16:7)

1. Akademiya nauk Kirgizskoy SSR Frunze. Institut ekonomiki. 2. Institut ekonomiki AN Kirg.SSR (for all except Yesipov, Semikina, Popova).
(Kirghizistan--Industries, Location of)

IL'IN, Boris Afanas'yevich; ALYSHEV, I.F., dots., kand. tekhn. nauk, retsenzent; ZIGMUND, F.F., inzh., retsenzent; KORCHUNOV, N.G., prof., otv.red.; MATVEYEVA, V.V., red.; URITSKAYA, A.D., tekhn.red.

[Land transportation of timber] Sukhoputnyi transport lesa; uchebnoe posobie dlia studentov lesokhoziaistvennogo fakul'teta. Leningrad, Vses. zaochnyi lesotekhn. in-t, 1961. 210 p. (MIRA 15:11)

(Lumber--Transportation)

POPOV, Dmitriy Aleksandrovich prof. [deceased]; KORCHUNOV, Nikolay Grigor'yevich prof.; KUKLINOV, Boris Alekseyevich, dots.; MENSHUTKIN, Yakov Grigor'yevich, dots.; KUVALDIN, Boris Ivanovich, dots.; ALYSHEV, Ivan Fedorovich, dots.; SHCHELKUNOV, Valentin Vasil'yevich, dots.; NIKOL'SKIY, Boris Vasil'yevich, dots.; KORUNOV, M.M., prof., retsenzent; DOROKHOV, B.A., red.

[Land transportation of lumber] Sukhoputnyi transport lesa. [By] D.A.Popov i dr. Moskva, Goslesbumizdat, 1963. 863 p. (MIRA 17:5)

IL'IN, Boris Afanas'yevich, dots., kand. tekhn. nauk; ALYSHEV, I.F., dots., kand. tekhn. nauk, otv. red.; DMITRIYEV, A.A., retsenzent; ZHUKOV, V.V., dots., kand. tekhn. nauk, retsenzent; VASIL'YEVA, N.V., red.

[Theory of the design of forest roads; manual for students of the Forestry-Engineering Department] Teoriia proektirovaniia lesovoznykh dorog; uchebnoe posobie dlia studentov lesoinzhenernogo fakul'teta. Leningrad, Vses. zaochnyi lesotekhn. in-t. Pt.2. 1964. 341 p. (MIRA 18:7)

SAMOYLOVICH, G.G., prof.; BELYAYEV, N.I., inzh.; KUDRITSKIY, D.M., dots.; GLAGOLEV, A.V., inzh.; NEFEDOV, P.M., inzh.; GALKINA, Ye.A., st. nauchn. sotr.; PLINK, L.I., inzh.; DONSKOY, I.P., prof., retsenzent; SAVEL'YEV, V.V., kand. tekhn. nauk, dots., retsenzent; ALYSHEV, I.F., kand. tekhn. nauk, dots., retsenzent; LOBANOV, A.N., prof., doktor tekhn. nauk, retsenzent; DOROKHOV, B.A., inzh., red.

[Use of aerial photographic surveying in forest engineering] Primenenie aerofotos"emki v lesoinzhenernom dele. Moskva, Lesnaia promyshlennost', 1965. 354 p. (MIRA 18:10)

1. Kafedra sukhoputnogo transporta lesa Lesotekhnicheskoy akademii im. S.M.Kirova (for Alyshev). 2. Zamestitel' glavnogo inzhenera Gosudarstvennogo instituta po proyektirovaniyu lesnogo transporta (for Dorokhov).

ALYSHEV, M.Ya.; LEGOSTAYEV, A.M.; YUSUPOV, A.Yu.; KABAKOV, M.M.

Review various principal conditions in the establishment of water resources development. Trudy Sekt.vod.khoz.Kir.FAN SSSR no.2:5-18 '50. (MLRA 8:1)

(Water resources development) (Irrigation)

AIUSHEV, M.Ya.; LEGOSTAYEV, A.M.

Stone lining as a method of technical improvement for mountain irrigation systems. Trudy Sekt.vod.khoz. KirFAN SSSR no.3:21-59 '51. (MLRA 9:1)

(Irrigation canals and flumes)

ALEKSHEV, M.Ya.; BUDZKO, I.A.; ZLATKOVSKIY, A.P.; KRASNOV, V.S.; KULEFEYEV, G.P.; RYZHENKO, I.Ya.; SYROMYATNIKOV, I.A.; TEVOSYAN, T.A.; EBIN, L.Ye.

A.M. Sarkisian; obituary. Elektrichestvo no.5:94 My '63. (MIRA 16:7)

(Sarkisian, Andranik Margarovich, 1904-1963)

1. ALYSHEV, V.; LEBEDINTSEV, A.

2. USSR (600)

4. Irrigation Canals and Flumes

7. Paving irrigation canals with cobblestones. Kolkhozstvo no. 1 1952

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

ALYSHEV, M.Ya., inzhener; SHEREMETEV, G.V., inzhener.

Prospects for farm electrification. Nauka i pered. op. v sel'khoz. 6 no.11:7-11 N '56. (MLRA 10:1)
(Rural electrification)

ACC NR: AP6036113 SOURCE CODE: UR/0365/66/002/006/0686/0691

AUTHOR: Shalyafirner, A. M.; Degtyarova, R. A.; Pimenov, A. F.; Alysheva, Ye. I.; Yerakov, V. I.; Lifanov, V. F.; Anzin, G. N.

ORG: Moscow Institute for Steels and Alloys (Moscovskiy institut stali i splavov); Central Research Institute for Ferrous Metals (Tsentral'nyy nauchno-issledovatel'skiy institut chernykh metallov); Novolipetskiy Metallurgical Plant (Novolipetskiy metallurgicheskiy zavod)

TITLE: Internal oxidation of steel with 3% silicon

SOURCE: Zashchita metallov, v. 2, no. 6, 1966, 686-691

TOPIC TAGS: metal oxidation, silicon steel, hot rolling

ABSTRACT: The article reports a study of the oxidation and decarbonization of steel with 3% silicon and 0.05% carbon in the process of hot rolling in an industrial unit, and of decarbonizing annealing (in the presence of scale) in industrial electric furnaces. Steel strips were hot rolled to a thickness of 2.5 mm. In rolling, the initial oxidation temperature was maintained at 940 $\pm$ 10°. The total length of the discharge table was 36 meters; in the last 30 meters the strip was cooled rapidly with water and was in an atmosphere of steam. After this, the strip was coiled and the air supply was cut sharply. The average cooling rate of the strip on the table, under

Card 1/2 UDC: 620.193.5

ACC NR: AP6036113

different rolling conditions, varied only slightly and was from 19-23 degrees/sec. The total oxidation time and the temperature of the strip before coiling were varied by changing the rolling rate. The temperatures of the strip before water cooling and before coiling were measured with an optical pyrometer and were recorded automatically. The coils were cooled in air over a period of 24 hours. Data on the values of the two abovementioned temperatures and on the time of the oxidation process are presented in a table. Based on the experimental data, a table shows the effect of hot rolling conditions on the formation of scale and on the rate of etching after annealing. In the production of steel, it is necessary to take certain measures which limit the process of internal oxidation: 1) the exit temperature of the strip should be lowered to 900° and the temperature of coiling up to 590-600°, because of the effect of the increase of the cooling rate under the influence of the blowing system; 2) the oxidation time of the metal on the discharge table should be shortened by increasing the rolling rate; 3) the heating rate and the temperature in decarbonization annealing should be increased; this leads to more favorable conditions for the oxidation of carbon, compared to the oxidation of silicon. Orig. art. has: 4 figures and 3 tables.

SUB CODE: 11/ SUBM DATE: 28Dec65/ ORIG REF: 007/ OTH REF: 004

Card 2/2

PETLYAKOV, M.M., inzh.; PRAVDINA, T.[illegible], inzh.; GOLYAYEVA, E.M., inzh.; ALYSHEVA, Ye.I., inzh.

Effect of the atmosphere of high-temperature annealing on the properties of transformer steel. Stal' 24 no.2:170-171 F '64. (MIRA 17:9)

1. Novolipetskiy metallurgicheskiy zavod.

ALYSHEV, Yu.M.; FITSNER, L.N.; SHEVCHENKO, L.I. (Moskva)

Electronic computers for automatic control of electric power led into electric-arc steel furnaces. Avtom.i telem. 20 no.2:206-210 F '59. (MIRA 12:3)

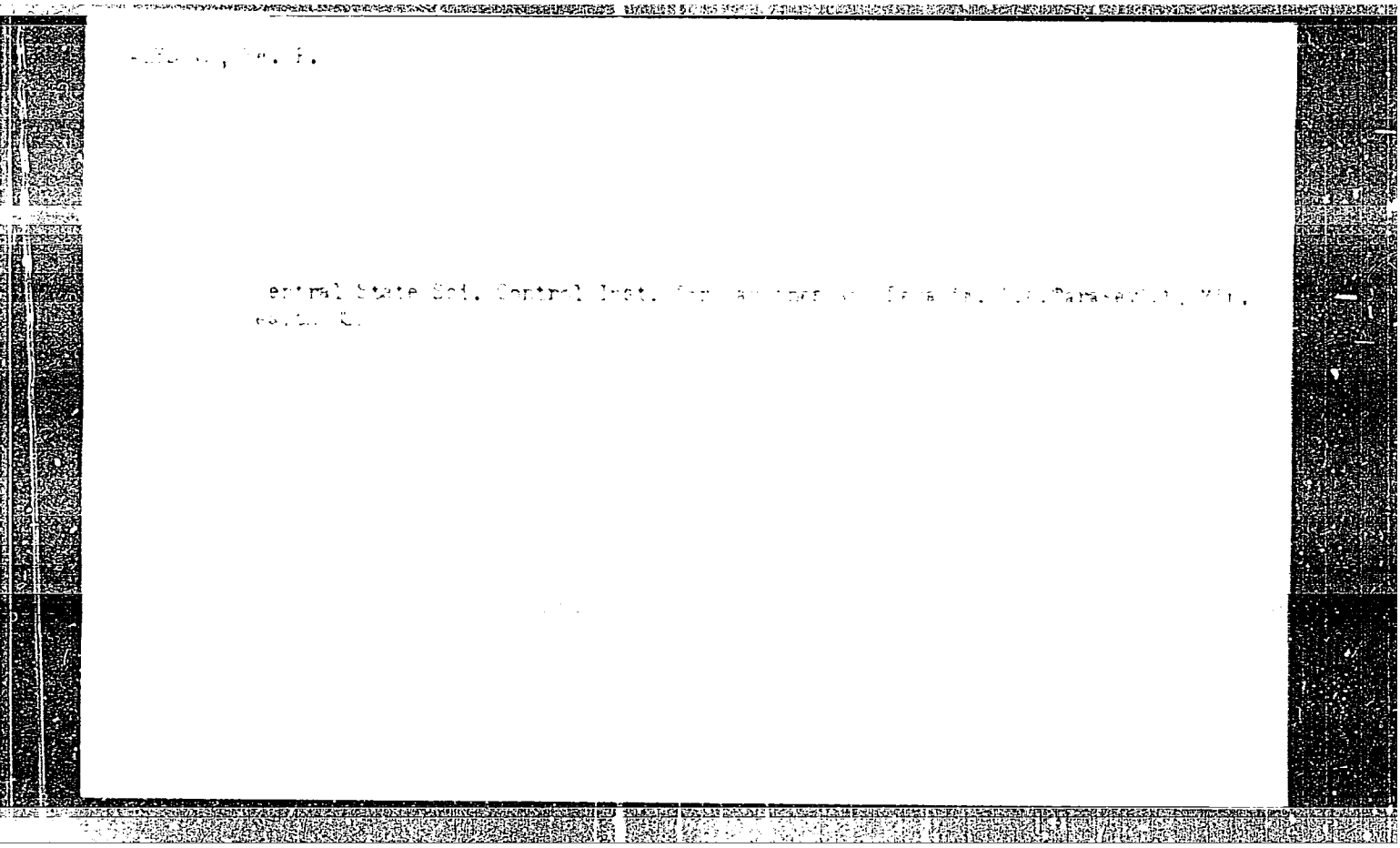
(Electric furnaces) (Automatic control)

KHANOVICH, M:ron Grigor'yevich, kand.tekhn.nauk; ALYSHITS, I.Ya., kand. tekhn.nauk, retsenzent; TODER, I.A., inzh., retsenzent; KARA-TYSHKIN, S.G., prof., doktor tekhn.nauk, red.; VASIL'YEVA, V.P., red.izd-va; FRUMKIN, P.S., tekhn.red.

[Liquid friction and combined supports] Opory zhidkostnogo treniia i kombinirovannye. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1960. 271 p.

(MIRA 13:7)

(Bearings (Machinery))



AHLYT, S.S.

KOMAR, A.P.; REYNOV, N.M.; AHLYT, S.S.

Investigation of photomagnetoelectric effect in cuprous oxide at low temperatures. Izv.AN SSSR.Ser.fiz. 19 no.4:444-446 Jl-Ag '55. (MLRA 9:1)

1.Fiziko-tekhnicheskiy institut Akademii nauk SSSR.
(Copper oxide--Electric properties) (Photoelectricity) (Low temperature research)

ALYUKHIN, Yu.S.

Dehydrogenase activity of rat skeletal muscles at low temperatures. Sbor. rab. Inst. tsit. no.4:27-33 '63 (MIRA 17:3)

LOGUNOV, Yu. N., inzh.; ALYUKHIN, Yu.S.

Semiconductor unit for cooling small animals. Probl. kosm. biol. 4:555-559 '65. (MIRA 18:9)

SOCHAVA, V.B., otv. red.; ALYUKHNA, R.I., red.

[Comprehensive mapping of nature and the economy; materials for the simposium at the Second Conference of the Geographers of Siberia and the Far East, Vladivostok, 1962] Kompleksnoe kartografirovanie prirody i khoziaistva; materialy k simpoziumu na... Irkutsk, AN SSR, 1962. 69 p. (MIRA 17:3)

1. Nauchnoye soveshchaniye geografov Sibiri i Dal'nego Vostoka, 2d, Vladivostok, 1962. 2. Chlen-korrespondent AN SSSR (for Sochava).

ALYUKINA, L. S.

ALYUKINA, L. S.- "Biochemical Investigation of Certain Tannin-bearing Types of Rhubarb of Kazakhistan." Acad Sci Kazakhistan SSR, Inst of Botany, Alma-Ata, 1955 (Dissertations For the Degree of Candidate of Biological Sciences)

SO: Knizhnaya Letopis' No. 26, June 1955, Moscow

ALYUKINA, L.S., mladshiy nauchnyy sotrudnik.

Ephedra as a tannin plant. Izv. AN Kazakh. SSR. Ser. biol. no.9: 55-64 '55. (MLRA 9:4)

(EPHEDRA) (TANNINS)

ALYUKINA, L.S.

Amount of tannin in tanning raw materials as related to methods used in gathering and processing. Trudy Inst.bot.AN Kazakh.SSR 7:159-172 '59. (MIRA 13:5)
(Tanning materials)

ALYUKINA, L.S.; KLYSHEV, L.K.; KUNAYEVA, R.

On the problem of studying Ephedra in Kazakhstan. Izv.AN Kazakh. SSR,Ser.bot.i pochv. no.1:33-46 '60. (MIRA 13:6)
(Kazakhstan--Ephedra)

KLYSHEV, L.K., ALYUKINA, L.S.

Some date on stocks of Tatar rhubarb in the northern Aral Sea region. Vest.AN Kazakh.SSR 16 no.7:39-42 Jl '60.
(MIRA 13:8)

(Aral Sea region—Rhubarb)

KLYSHEV, L.K.; ALYUKINA, L.S.

Bioecologic characteristics of some species of Ephedra.
Trudy Inst. bot. AN Kazakh. SSR. 12:196-218 '62. (MIRA 15:5)
(Kazakhstan--Ephedra)

ALYUKINA, L.S.

Chemism of roots used in tanning in relation to storage conditions. Trudy Inst. bot. AN Kazakh. SSR 21:99-135 '65.
(MIRA 18:12)

DADAYAN, G.T.; OL'KOV, P.L.; GRYAZNOV, B.V.; SHAKHSUVAROVA, G.V.; YAKIMOVETS, N.L.; ALYUKOV, I.T.

Low temperature dewaxing of oils with the use of methyl ethyl ketone. Khim.i tekh.topl.i masel 6 no.6:17-21 Je '61. (MIRA 14:7)

1. Novogroznenskiy neftezavod; Vsesoyuznyy nauchno-issledovatel'skiy institut po pererabotke nefti i gaza i polucheniyu iskusstvennogo zhidkogo topliva i Bashkirskiy nauchno-issledovatel'skiy institut po pererabotke nefti.
(Petroleum--Refining)

MITICHKIN, I.A., inzh.; ALYULIN, A.F.

Electric scales for weighing agricultural machinery. Trudy VISKHOMa no.34:34-42 '62. (MIRA 16:11)

CHUKHLANTSEV, V.G.; AYUMOVSKAYA, K.V.

Interaction of zircon with rubidium hydroxide under hydrothermal conditions. Zhur.neorg.khim. 10 no.12: 2728-2731 D '65. (MIRA 19:1)

1. Ural'skiy politekhnicheskiy institut imeni Kirova.

ARTEM'YEV, A.I.; ALYUSHIN, M.T.; RATKEVICH, G.I.; KOROMYSLOV, S.I.

Mechanical supplying of distilled water to work locations. Apt. delo 10 no. 2:42-45 Mr-Ap '61. (MIRA 14:4)

1. Laboratoriya tekhnologii lekarstvennykh form i galenovych preparatov.

(WATER, DISTILLED)

ALYUSHIN, M.T.

Experimental study of polymethylphenylsiloxanic fluid as a component of ointment bases. Sbor. nauch. trud. TSANII 6: 60-67 '64. (MIRA 19:1)

1. Laboratoriya tekhnologii lekarstvennykh form i galenovykh preparatov (rukovoditel' - kand. farm. nauk O.I. Belova) TSentral'nogo aptechnogo nauchno-issledovatel'skogo instituta.

ALYUSHIN, M.T.

Diffusion of iodine and salicylic acid from ointment bases.
Apt.delo 14 no.2:21-25 Mr-Ap '65. (MIRA 19:1)

1. TSentral'nyy aptechnyy nauchno-issledovatel'skiy institut, Moskva. Submitted August 25, 1964.

ALYUSHIN, M.T.

Use of polyorganosiloxane liquids as components of ointment and liniment bases. Apt. delo 14 no. 4:69-73 Jl-Ag '65
(MIRA 19:1)

1. TSentral'nyy aptechnyy nauchno-issledovatel'skiy institut, Moskva.

PETRUN', N.M., doktor biolog. nauk; ALYUSHIN, M.T., aspirant

Effect of some substances used as bases in the preparation of ointments in the gas and heat exchange through the human skin. Vest. derm. i ven. 38 no.8:15-20 Ag '64. (MIRA 18:8)

UZDENIKOV, A.; ALYUSHIN, M.T.; ZAYTSEV, V.; IVANOVA, V.M.; ZORIN, Ye.

Resumes. Apt. delo 11 no.2:83-85 Mr-Ap '62. (MIRA 15:5)
(PHARMACY--ABSTRACTS)

ALYUSHIN, M.T.

Are pills out of date as a medicinal form? Apt.delo 12 no.3: 61-63 My-Je '62. (MIRA 16:1)

1. TSentral'nyy aptechnyy nauchno-issledovatel'skiy institut.
(PILLS)

ALYUSHIN, M.T.; IYEVLEVA, Ye.A.

Experimental studies on the effect of polyorganosiloxane liquids on the reactivity of the skin. Vest. derm. i ven. 38 no.6:29-34 Je '64. (MIRA 18:6)

1. Laboratoriya tekhnologii lekarstvennykh form i galenovykh preparatov (zav. - kand.med.nauk O.I.Belova) TSentral'nogo nauchno-issledovatel'skogo aptechnogo instituta (dir. - kand. farmakologicheskikh nauk A.K.Mel'nichenko) Ministerstva zdravookhraneniya SSSR i otdeleniye eksperimental'noy dermatologii (zav. - prof. P.M.Zalkan) TSentral'nogo nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (dir. - kand.med.nauk N.M. Turanov) Ministerstva zdravookhraneniya SSSR, Moskva.

ALYUSHIN, M.T.

Silicones in dermatology and cosmetics; a review of literature. Vest. derm. i ven. 38 no.10:36-39 O '64.

(MIRA 18:7)

1. TSentral'nyy aptechnyy nauchno-issledovatel'skiy institut (direktor - kand. med. nauk A.K. Mel'nichenko; nauchnyy rukovoditel' - kand. farmatsevticheskikh nauk O.I. Belov; nauchnyy konsul'tant - doktor med. nauk prof. N.S. Smelov), Moskva.

ALYUSHIN, M.T., mladshiy nauchnyy sotrudnik

Forms of drugs of prolonged action in modern oral therapy; biref survey of data in foreign literature. Sbor.nauch.trud. TSANII 2:93-97 '61. (MIRA 16:5)

1. Laboratoriya tekhnologii lekarstvennykh form i galenovykh preparatov (rukovoditel' laboratorii kand.farm.nauk O.I. Belova) TSentral'nogo aptechnogo nauchno-issledovatel'skogo instituta.

(DRUGS)

ALYUSHIN, M.T.

Use of organosilicon compounds in waterproofing the internal surface of pharmaceutical nurettes and pipettes. Sbor. nauch. trud. TSANII 4847-60 '63 (MIRA 17:3)

1. Laboratoriya tekhnologii lekarstvennykh form i galenovykh preparatov (rukovoditel' laboratorii -- kand. farm. nauk O.I.Belova) Tsentral'nogo aptechnogo nauchno-issledovatel'skogo instituta.

ALYUSHIN, P.V.

Achievements of Belaya TSerkov machinery operators. Mekh. sil'. hosp. 8 no.9:6-7 S '57. (MLRA 10:9)

1. Vikladach Bilotserkivs'kogo sil'skogospodars'kogo institutu.
(Belaya TSerkov District--Machine-tractor stations)

Alyushin, Ye. I.

137-58-5-9362

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 80 (USSR)

AUTHOR: Alyushin, Ye. I.

TITLE: The Operation of the Belovo Zinc Plant (O rabote Belovskogo tsinkovogo zavoda)

PERIODICAL: Tr. soveshchaniya po metallurgii tsinka, 1954. Moscow, Metallurgizdat, 1956, pp 224-229

ABSTRACT: Compared with 1940, the extraction of Zn at the plant amounts to 105.6%. Along with the basic production (that of distilled Zn) the plant has perfected the manufacture of high-grade Zn, Zn powder, metallic Cd, and $ZnSO_4$. The plant also yields a considerable amount of Pb contained in the dust collected by electrostatic filters. The following processes were also developed and introduced: conversion of blue powder into metallic Zn, fractional distillation of the Waelz redox oxides, and a method of obtaining Zn in a continuous process in vertical retorts. The increase in output of the major product and the adaptation of new forms of production are the results of much work undertaken in the field of re-design and improvement of aggregates and adaptation of novel techniques. A brief description of measures undertaken is given.

Card 1/1 1. Zinc--Production 2. Industrial plants --Effectiveness N. P.

SOV/137-58-7-14601

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 7, p 94 (USSR)

AUTHORS: Shcherlin, I.D., Alyushin, Ye.I., Poletayev, G.S., Rabicheva, L.M., Slonimskiy, B.I.

TITLE: Electrothermic Recovery of Zinc at the Belovo Zinc Plant (Elektrotermicheskoye polucheniye tsinka na Belovskom tsinkovom zavode)

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 21, pp 20-23

ABSTRACT: A pilot-plant installation having an electrothermic furnace of 150 kw power was employed to melt sintered Zn concentrates of the following % composition: Zn 57-60, Pb 0.7-1, Cu 2-2.3 Fe 6-9.4, Cd 0.1-0.15, CaO 0.9-1.9, MgO 0.7-0.8, SiO_2 3.4-4.7, S 0.3-1. The charge (composition of the raw mix: 60 kg sinter, 12-13.5 kg coke breeze with 12-20% moisture and 14-20% ash, and 5 kg calcined lime) was mixed in a drum mixer, calcined for 3 hours at 800-850°C in a reducing atmosphere, 15-20 kg return dross was added to it, and the whole was charged into the furnace through a bell-shaped sealed charging device. Smelting was at 68 v and 2250-2500 amps with graphited electrodes immersed 200 mm into the slag.

Card 1/2

Electrothermic Recovery of Zinc at the Belovo Zinc Plant

the bath depth being 400 mm and the slag temperature 1350-1400°. Optimum process conditions were assured in reducing the basic quantity of Fe and the formation of Fe-Cu alloy in which the noble metals were concentrated. Slag was tapped once each shift, the Fe-Cu alloy once every 10-20 days. The Zn gases and fumes were taken off the furnace through an aperture in the side-wall and an inclined gas line in the condenser (C), lined with magnesite brick in its lower portion and a floor made of carbon blocks. The temperature in the gas line was sustained at 800-900° and in the C at 600-650°. The gases left the C at 350-400° and proceeded to a scrubber irrigated with water. The extraction of Zn as metal having the following inclusions (%), Pb 1-1.5, Cd 0.1-0.13, Fe 0.1-0.5, Cu 0.01-0.02, was 60-70%. 15-20% of the Zn was trapped in the scrubber as blue powder enriched with up to 0.6% Cd. Up to 30% of the Zn was in the returns in the form of dross precipitated in the C. The dross and blue powder contained 88-93% Zn. When the lower portion of the furnace was lined with magnesite and cooled with water to form a lining hardened on the wall, a furnace campaign lasted > 2 months. Losses of Zn in the slags came to 1.5-6%, and recovery of the Cu in the alloy was 90-98%.

1. Zinc--Recovery 2. Electric furnaces--Applications Ye.Z.

Card 2/2

AUTHORS: Babina, I.V., Besser, A.D., Alyushin, Ye.I., Lukin, A.N. and Yedziyev, S.S. SOV/136-59-6-5/24

TITLE: Roasting of Zinc Concentrates in an Effervescent Bed with Simultaneous Elimination of Lead and Cadmium and Coarsening of Cinder Granules (Obzhig tsinkovykh kontsentratov v kipyashchem sloye s otgonkoy svintsa i kadmiya i ukrupneniyem zeren ogarka)

PERIODICAL: Tsvetnyye metally, 1959, Nr 6, pp 27-32 (USSR)

ABSTRACT: By carrying out roasting of zinc concentrates in an effervescent bed with simultaneous granulation of the cinders and volatilisation of lead and cadmium, it was found that when the speed of air supply to the furnace was increased to 17-20 cm/sec, roasting could be carried out at a bed temperature of 1100 - 1150°C. An examination of the laboratory results was carried out in the reconstructed furnace KS-3. When the furnace was reconstructed for the first time, the hearth area was decreased from 19.3 to 8.4 m^2 and it was given a rectangular shape with a length-to-width ratio of 5.3:1. This made it possible for the mildly oxiding zone in the

Card 1/6

effervescent bed to be extended and thereby favourable conditions to be created for the elimination of lead and cadmium as sulphides (the vapour tension of these metals at the roasting temperature is higher than that of oxides). The decrease of the hearth area was brought about by an extra layer of fireclay brick; vertical brick walls were laid up to a height of 1.2 m and above that followed a slanting layer at an angle of 60° (Figure 1). In the reconstruction of the furnace KS-3, a means for the separation of coarse dust from volatile matter at 750 - 800°C was provided in the form of dust extractors. Experiments carried out in the thus altered furnace have confirmed the laboratory experiments and shown that at 1050 - 1150°C the roasting process goes on steadily, the material is not turned into monolite but a coarsening of the cinder granules and a decrease in dust loss is observed. The work of the lined dust extractors was, however, rendered difficult because of

Roasting of Zinc Concentrates in an Effervescent Bed with Simultaneous Elimination of Lead and Cadmium and Coarsening of Cinder Granules

formation of crust of sulphided dust inside them. However, in the second reconstruction of the furnace, it was decided to see whether it was possible to catch the coarse dust in dust chambers built inside the furnace. To this end, vertical divisions were made of brick inside the furnace. A diagram of the layout of chambers in the furnace is shown in Figure 2. Investigations carried out after the second reconstruction of the furnace have shown that 80% of the dust was caught in the chambers. As a result of the unfavourable position of the gas inlet into the first chambers, the dust loss increased in this series of experiments up to 50% of the total quantity of solid roasting products. The third reconstruction of the furnace (Figure 3) was designed to reduce dust losses by increasing the volume of the furnace above the bed. The hearth area was decreased to 6.6 m^2 and the dust chambers inside the furnace were left out. The slanting part of the furnace was made at an angle of 75 - 80° to the horizontal. The control layout for the

Roasting of Zinc Concentrates in an Effervescent Bed with Simultaneous Elimination of Lead and Cadmium and Coarsening of Cinder Granules

technological parameters of the roasting process is shown in Figure 4. A mixture consisting of zinc concentrates with an addition of Waelz oxides was roasted. The charge contained 46-48% Zn, 27-29% S, 1.1-1.4% Pb, 0.14-0.19% Cd and 10-11% moisture. This was charged into the fore-chamber of the furnace. The cinders were cooled and submitted to further treatment. Investigations were carried out at 950, 1000, 1050, 1150 and 1190°C. At a temperature of above 1000°C, the elimination of Pb and Cd from the cinders proceeded satisfactorily and the amount which was removed increased with increasing temperature of the bed. This dependence is shown in Table 2 and in Figure 5. The reduction of dust removal in relation to the temperature of the process is shown in Figure 6. As a result of their investigations, the authors have arrived at the following conclusions.

1) The method worked out for roasting zinc concentrates enables the output of the effervescent-bed furnace to be

sharply increased and enables cinders to be obtained which are suitable for pyrometallurgical re-treatment in which the sintering stage is left out. The new method also enables the extraction of Pb and Cd to be sharply raised by re-treating sublimates which are enriched with these metals.

2) At a temperature of 1100 - 1190°C, the furnace works steadily; the hearth remains free of crusts.

3) In order to cut down the dust losses to a minimum, the furnace must have a considerable volume above the bed which ensures a long stay and a low speed of the gas in the working space of the furnace. The charge must be added directly to the effervescent bed.

4) In order to attain the best elimination of Pb and Cd the furnace must have a rectangular shape with a length-to-width ratio of the hearth of approximately 6:1.

SOV/136-59-6-5/24

Roasting of Zinc Concentrates in an Effervescent Bed with Simultaneous Elimination of Lead and Cadmium and Coarsening of Cinder Granules

There are 6 figures and 2 tables.

ASSOCIATIONS: Gintsvetmet (Babina, I. V., Besser, A. D.)
Belovskiy tsinkovyy zavod (Belovo Zinc Plant) (Alyushin, Ye.I., Lukin, A.N., Yevsdiyev, S.S.)

Card 6/6

SHCHERLIN, I.D.; ALYUSHIN, Ye.I.; POLETAYEV, G.S.; RABICHEVA, L.M.; SLONIMSKIY, B.I.

Studying the electrothermal method of preparing zinc and metal powder at the Belovo Zinc Plant. Sbor. nauch. trud. GINTSVETMET no.15:298-309 '59. (MIRA 14:4)
(Belovo (Kemerovo Province)--Zinc--Electrometallurgy)

RABICHEVA, L.M.; LAZAREV, V.I.; ALYUSHIN, Ye.I.; POLETAYEV, G.S.;
Prinimali uchastiye: TARASOV Ye.I.; AFONIN, P.I.; SYROVEGINA,
K.V., nauchnyy sotrudnik; LEVIN, I.Kh., nauchnyy sotrudnik

Obtaining liquid zinc in the electric smelting process. Sbor.
nauch. trud. Gintsvetmeta no.18:175-186 '61. (MIRA 16:7)

1. Nachal'nik elektrotermicheskoy opytnoy ustanovki Belovskogo
tsinkovogo zavoda (for Tarasov). 2. Starshiy master elektroterми-
cheskoy opytnoy ustanovki Belovskogo tsinkovogo zavoda (for Afonin).
3. Gosudarstvennyy nauchno-issledovatel'skiy institut tsvetnykh
metallov (for Syrovegina, Levin).
(Zinc—Electrometallurgy)
(Liquid metals)

RABICHEVA, L.M.; SLONIMSKIY, B.I.; LAZAREV, V.I.; ALYUSHIN, Ye.I.; POLETAYEV, G.S.; Prinimali uchastiye: TARASOV, Ye.I.; AFONIN, P.I.; SYROVEGINA, K.V., nauchnyy sotrudnik

Electrothermal method of obtaining zinc dust. Sbor. nauch. trud. Gintsvetmeta no.18:165-174 '61. (MIRA 16:7)

1. Nachal'nik elektrotermicheskoy ustanovki Belovskogo tsinkovogo zavoda (for Tarasov). 2. Starshiy master elektrotermicheskoy opytnoy ustanovki Belovskogo tsinkovogo zavoda (for Afonin). 3. Gosudarstvennyy nauchno-issledovatel'skiy institut tsvetnykh metallov (for Syrovegina).

(Zinc—Electrometallurgy)

YEVDOKIMENKO, A.I.; KOTLYARENKO, V.V.; Prinimali uchastiye: RABICHEVA, L.M.; SYROVEGINA, K.V.; LEVIN, I.Kh.; GAVRILENKO, A.F.; RYABOV, A.V.; ALYUSHIN, Ye.I.; MARCHENKO, V.G.; BOLOTIN, L.G.; AFONIN, P.I.; SEVER'YANOV, G.N.

Heat exchange and the condensation of zinc vapor in drop condensers. Sbor. nauch. trud. Gintsvetmeta no.19:536-549 '62. (MIRA 16:7)

1. Sotrudniki Gosudarstvennogo nauchno-issledovatel'skogo instituta tsvetnykh metallov (for Rabicheva, Syrovegina, Levin, Gavrilenko, Ryabov). 2. Belovskiy tsinkovyy zavod (for Alyushin, Marchenko, Bolotin, Afonin, Sever'yanov).

ALYUSHIN, Yu.A. (Moskva)

Analyzing the processes of metal deformation by curved cutting tools. Mashinovedenie no.5:83-88 '65. (MIRA 18:9)

"Lev Konstantinovich Davydov (on His 60th Birthday)"
Meteorol. i Gidrologiya, No 10, 57-58, 1953

The authors devoted their article to the 60th birthday of the well-known Soviet hydrologist, L. K.Davydov, a professor of Leningrad University. (RZhGeol, No 1, 1955)

SOKOLOV,A.A., kandidat geograficheskikh nauk; PROTAS'YEV,M.S., kandidat geograficheskikh nauk; ALYUSHINSKAYA,N.M., kandidat geograficheskikh nauk

Main Turkmen Canal and problems in the field of runoff research. Meteor.i gidrol. no.1:21-24 Ja '53. (MLRA 8:9)

1. Gosudarstvennyy gidrologicheskiy institut, Leningrad. (Main Turkmen Canal--Runoff)

ALYUSHINSKAYA, N.M.

Vertical zonality in the distribution of streamflow in the Altai region. Uch.zap.Len.un.no.199:137-158 '55. (MLRA 9:7)
(Altai Mountain region--Stream measurements)

ALYUSHINSKAYA, N.M.

Relation between flood formation and snow melt characteristics. Meteor. i gidrol. no.2:28-33 F '61. (MIRA 14:1)
(Floods) (Thawing)

ALYUSHINSKAYA, N.M.; ANISKINA, N.A.; IVASHINTSOVA, L.D.

Spring runoff of Northern Dvina basin rivers and predicting it. Trudy GGI no.97:3-137 '62. (MIRA 15:11)
(Northern Dvina Valley—Runoff)

ALYUSHINSKAYA, N.M.

Formation of spring runoff and the prediction of discharges according to data on snow melt. Trudy GGI no.118:3-91 '65.
(MIRA 18:9)

ALYUSHINSKAYA, T. I.

AID P - 1635

Subject : USSR/Electricity

Card 1/1 Pub. 29 - 17/23

Authors : Bykov, A. G., Foreman and Alyushinskaya, T. I., Eng.

Title : Kenotron megohmmeter

Periodical : Energetik, 1, 26-27, Ja 1955

Abstract : The authors describe and illustrate with a diagram a kenotron megohmmeter for measuring insulation resistance at 1,000 to 2,500 v.

Institution: Laboratory of Lenenergo (Leningrad Power System)

Submitted : No date

IZYUMOV, Nikolay Mikhaylovich; AMALITSKIY, M.V., otv. red.; VEYTSMAN, G.I., red.

[Principles of radio engineering] Osnovy radio tekhniki. Moskva, Sviaz', 1965. 541 p. (MIRA 18:9)

ALIUSHINSKIY, V. I.

Zavodskie laboratorii i teckhnicheskii progress. (Vestn. Mash., 1950, no. 11, p.60-63)

Industrial laboratories and technical development.

DLC: TN4.V4

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

ALYUSHINSKIY, V.I., inzhener.

Modernization of metalworking machines; a note. Energomashinostroenie no.11:24 N '56. (MLRA 9:12)
(Metalworking machinery)

ALYUSHINSKIY, V. I.

114 - 1 - 9/15

AUTHOR: Alyushinskii, V. I., Engineer

TITLE: The Modernisation of Metal Working Lathes. (Modernizatsiya metallorezhushchikh stankov)

PERIODICAL: ENERGOMASHINOSTROYENIYE, 1957, No. 1, p. 19, (U.S.S.R.)

ABSTRACT: Four brief notes on the use of old machines for new purposes in several different factories.

ASSOCIATION:

PRESENTED BY:

SUBMITTED:

AVAILABLE: Library of Congress

ALYUSHINSKIY, V.I., inzhener.

Modernization of machine tools; experience of the Leningrad branch of the All-Union Technical Design Institute. Energomashinostroenie 3 no.1:19 Ja '57. (MLRA 10:3)
(Machine tools)

ALYUSHINSKIY, N. I., [illegible]nzh.

Precision casting of gas-turbine nozzle vanes. Energomashinostroenie 4 no.2:41 F '58. (MIRA 11:4)
(Blades) (Casting)

ALYUSHINSKIY, V.I., insh.

Universal lifting and turning tables with capacities of 1 and 2.5 tons. Energomashinostroenie 4 no.4:31 Ap '58. (MIRA 11:7)
(Machine tools)

ALYUSHINSKIY, V.I., inzh.

Special machines for the production of turbine blades.
Energomashinostroenie 4 no.5:37 My '58. (MIRA 11:9)
(Machine tools)

ALYUSHINSKIY, Vladimir Ivanovich; CHERNYAK, I.S., dotsent, red.; BLUMENAU, D.I., izd.red.; BELOGUROVA, I.A., tekhn.red.

[Organization of outside scientific and technical information in scientific research institutes and designing offices] Organizatsiia vneshnei nauchno-tekhnicheskoi informatsii v nauchno-issledovatel'skikh institutakh i konstruktorskikh biuro. Leningrad, 1960. 22 p. (MIRA 14:1)
(Technology--Information services)

ALIUSHINSKIY, Yu.A.; KIRICHENKO, G.I.; TIMOFEYEV, B.V.

Spores from Sinian deposits found in the Yenisey Ridge. Dokl. AN SSSR 117 no.1:111-114 N-D '57. (MIRA 11:3)

1. Predstavleno akademikom D.V.Nalivkinym.
(Yenisey Ridge--Pollen, Fossil)

AGRANOVSKAYA, I.A.; ALYUSHINSKIY, Yu.A.; ASATKINA, Ye.F.; BOYTSOVA, Ye.P.; BOCHARNIKOVA, A.D.; VOYEVODOVA, Ye.; GROMOVA, N.S.; ZAUYER, V.V.; MARTYNOVA, Z.I.; PANOVA, L.A.; POKROVSKAYA, I.M.; ROMANOVSKAYA, G.M.; SEDOVA, M.A.; STEL'MAK, N.K.; KHAYKINA, S.L.; EDEL'SHTEYN, L.I. [deceased]; MAKRUSHIN, V.A., tekhn.red.

[Atlas of upper Cretaceous, Paleocene and Eocene spore and pollen complexes in certain regions of the U.S.S.R.] Atlas verkhnemelovykh, paleotsenovykh i eotsenobykh sporovo-pyl'tsevykh kompleksov nekotorykh raionov SSSR. Leningrad. 1960, 574 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy, vol.30). (MIRA 13:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut Ministerstva geologii i okhrany nedr SSSR (for Alyushinskiy, Asatkina, Boytsova, Gromova, Panova, Pokrovskaya, Romanovskaya, Sedova, Stel'mak, Edl'shteyn). 2. Ural'skoye geologicheskoye upravleniye Ministerstva geologii i okhrany nedr SSSR (for Agranovskaya, Bocharnikova, Martynova). 3. Severo-Vostochnoye geologicheskoye upravleniye Ministerstva geologii i okhrany nedr SSSR (for Voyevodova, Khaykina). 4. Leningradskiy filial Gidroproyekta Ministerstva elektrostantsiy (for Zauyer). (Palynology)

KIRICHENKO, G.I.; [redacted]YUSHINSKIY, Yu.A.

Spores from Sinian and Cambrian sediments in the Yenisey Ridge.
Trudy VSEGEI 66:43-54 '61. (MIRA 15:4)
(Yenisey Ridge--Spores (Botany), Fossil)

ALYUTIN, F.

Alyutin, F. "The role of the consumer cooperatives in the realization of the Leninist-Stalinist cooperative plan", Izvestiya Akad. nauk SSR, otd-niye ekonomiki i prava, 1949, No. 1, p. 13-31.

SO: U-3042, 11 March 53, (Letopis 'nykh Statey, No. 9, 1949)

AL'ZHANOV, A.A.; VASIL'YEV, Yu.M.; MIL'NICHUK, V.S.

New data on geology and gas and oil content of the Prorva series of structures. Geol. nefti i gaza 9 no.1:24-27 Ja '65.
(MIRA 18:3)

1. Moskovskiy ordena Trudovogo Krasnogo Znameni institut neftekhimicheskoy i gazovoy promyshlennosti im. akad. Gubkina i Zapadno-Kazakhstanskoye geologicheskoye upravleniye.

AL'ZHANOV, T.M.

Positive potassium feldspars of Koktaszhartas (central Kazakhstan). Vest. AN Kazakh. SSR 14 no.9:91-93 S '58. (MIRA 11:11)
(Koktaszhartas--Feldspar)

AL'ZHANOV, T.M., gornyy inzhener-geolog

Appraising and prospecting the Koktas Zhartas deposit. Sbor. nauch.trud.KazBMI no.18:131-136 '59. (MIRA 15:2)
(Kazakhstan--Ore deposits)
(Kazakhstan--Prospecting)

POLOSUKHINA, T.Ya.; AL'ZHANOVA, T.M.

Determination of cholesterol combined with proteins. Zdrav. Kazakh. 21 no. 4:64-69 '61. (MIRA 14:4)

1. Iz kafedry biologicheskoy khimii (zav. - doktor meditsinskikh nauk P.A. Berbolovich) Kazakhskogo meditsinskogo instituta.
(CHOLESTEROL) (PROTEINS)

POLOSUHKINA, T.Ya.; AL'ZHANOVA, T.M.

Role of the liver in producing cholesterol-protein complexes in the blood. Ukr. biokhim. zhur. 36 no.2:190-194 '64. (MIRA 17:11)

1. Department of Biological Chemistry of Alma-Ata State Medical Institute.

AMANBEKOV, I. G.; KASHPANOVA, A. S.; KISELEV, N. A.; NOVIKOV, V. K.; ROKOVA, G. A.

"Struktura antigenov i nukleoproteidov nekotorykh virusov zlakov."

report presented at Symp on Virus Diseases, Moscow, 6-9 Oct 64.

ARADYAN, G.S., Cand Med Sci--(diss) "Experience of dispansarization and treatment of alcoholics in Armenian SSR. Yerevan, 1958. 32 pp (Yerevan State Med Inst. Yerevan Republic Psychoneurological Dispensary. Yerevan Republic Psychoneurological Hospital), 100 copies (KL,31-58, 106)

-24-

AMADYAN, M.G.

Effect of gangleron and arpenal on the activity of chilneste-rase in the individual cellular formatiens of the cutaneous motor analyzer and hypothalamus in rabbits. Izv. AN Arm. SSR. Biol. nauki 16 no.10:13-22 0'63 (MIRA 16:12)

1. Institut mozga AMN SSSR i Institut tonkoy organicheskoy khimii AN ArmSSR.

AMADYAN, M.G.

Effect of gangleron and arpenal on the cholinesterase activity in individual cell formations of cutaneokinetic analyzor and hypothalamus in rabbits. Izv. AN Arm. SSR. Biol. nauki 17 no.5:69-75 My '64. (MIRA 17:9)

1. Institut mozga AMN SSSR i Institut tonkoy organicheskoy khimii AN Armyanskoy SSR.

L 2362-65 EWT(1)/EWA(b) RO

ACCESSION NR: AP5005374 S/0 [illegible]/64/017/009/0043/0050

AUTHOR: Arakelyan, R. G.

TITLE: **Effect of amizil, quateron, and novocain on cholinesterase activity in** various cell structures of the cutaneomotor analyzer and hypothalamus of rabbits

SOURCE: AN ArmSSR. Izvestiya. Biologicheskiye nauki, no. 9, 1964, 43-50

TOPIC TAGS: neurology, nervous system drug

ABSTRACT: Intravenous injection of 1 mg/kg of amizil [2-diethylaminoethyl [illegible] hydrochloride] has no effect on the cholinesterase activity in the [illegible] under study.

[illegible] intravenous injection of 2 mg/kg of [illegible] derivate of [illegible] guanidine [illegible] [illegible] hypothalamic [illegible] has no effect on these structures.

Intravenous injection of 10 mg/kg of novocain selectively inhibits cholinesterase activity in these structures. The maximum decrease in activity occurs typically in the higher-lying divisions of the motor

Card 1/2

L 23652-65

ACCESSION NR: AP5005374

2

analysor - the cortical terminal and the ventral nucleus of the optic thalamus. In the lower-lying divisions - gracilis and cuneate nuclei and [illegible] ganglia - activity of the enzyme decreases less. In the [illegible] of the hypothalamus the [illegible] is less pronounced than in the [illegible] [illegible] effect of [illegible] [illegible] activity in [illegible] [illegible] graphs

ASSOCIATION: Institut mozga AMN SSSR (Institute of the Brain, AMN SSSR); Institut [illegible] AN

SUBMITTED: 13May64	ENCL: CO	SUB CODE: LS	
NO REF SOV: 020	OTHER: 011	JPRS	

Card 2/2

L 27665-66 EWT(1)

ACC NR: AP6007632 SOURCE CODE: UR/0141/66/009/001/0072/0080

25
B

AUTHOR: Amadziyev, A. M.; Belyanina, V. F.; Myasnikov, L. L.

ORG: Leningrad Ship-Building Institute (Leningradskiy korablestroitel'nyy institut)

TITLE: Detecting 21 atom beams used in frequency standard and radio spectroscopes

SOURCE: IVUZ. Radiofizika, v. 9, no. 1, 1966, 72-80

TOPIC TAGS: frequency standard, radio spectroscope

ABSTRACT: An investigation is reported of the surface ionization of K, Rb, Cs atom beams by texturized W and Pt, and Ta atom beam by Pt and W oxide. The method and equipment of the investigation follow those of N. Ramsey ("Molecular Beams"), R. F. Minturn et al., J. Appl. Phys., v. 31, 876, 1960, and N. Simpson "Instruments for Scientific Investigations". A 10^{-7}-torr vacuum was maintained during the experiments. Plots of ionic current of K, Rb, Cs vs. ionizer temperature, thermionic emission vs. collector potential, Ta beam current vs. emitter temperature, ion-current transient time vs. emitter temperature, and W-oxide ion current vs. operation time at a constant emitter temperature are presented. The ionization coefficient (1.0%) of an electron-bombardment detector is much lower than that (90%) of a surface-ionization detector; however, the latter has the advantage of being practically inertialess. Maximum estimated ionization effective cross-sections are:

Card 1/2 UDC: 539.282

L 27665-66
ACC NR: AP6007632 O

for K, 2 x 10^{-16} cm^2; for Rb, 6 x 10^{-15} cm^2; for Cs, 8 x 10^{-15} cm^2. Orig. art. has: 10 figures, 7 formulas, and 2 tables.

SUB CODE: 20, 09 / SUBM DATE: 07Jul65 / ORIG REF: 004 / OTH REF: 002

Card 2/2 UDC