"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, A. N.

Determining the coefficient of linear expansion of quartz containers in the range of 0 to 100°C. Trudy inst. Kom. stand., mer i izm. prib. no.51:224-229 '61.

(MIRA 16:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii im. D. I. Mendeleyeva.

(Thermometers) (Quartz—Thermal properties)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, A.N.

Adjustment and investigation of the one-meter and four-meter comparators. Trudy inst.Kom.stand., mer i izm.prib no.47:39-48 '61. (MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii im. D.I.Mendeleyeva.

(Length measurement)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, A.N.

Standard galss scales. Trudy inst.Kom.stand.,mer i izm.prib no.47: 86-91 '61. (MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii im. D.I.Mendeleyeva.

(Measuring instruments)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, A.P.

BORODIN, V.P.; KOROLEVA, A.P.

Results of extensive use of epicutaneous and "diluted" tularin in typing the population for immunity. Zhur.mikrobiol. epid. i immun. no.11:31-36 N '55. (MLRA 9:1)

1. Iz Stalingradskoy oblastnoy protivotulyareminnoy stantsii (glavnyy vrach V.P.Borodin)
(TULAREMIA, diagnosis,
tularin test, epicutaneous & diluted tests)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

OLSUF'YEV, N.G.; TSVETKOVA, Ye.M.; BORODIN, V.P.; KOROLEVA, A.P.; SIL'CHENKO, V.S.; KHOROSHEV, I.G.; MYASNIKOV, Yu.A.; PERFIL'YEVA, Z.A.; KRATOKHVIL' N.I.; VAYSTIKH, M.A.; RAVDONIKAS, O.V.; BARANOVA, N.K.; ZIMINA, V.Ye.; TORMASOVA, L.N.; USTIN-PETROVA, T.F.; AREF'YEV, S.S.; KONKINA, N.S.; KUL'BA, A.P.; MAL'TSEVA, N.K.; SHELANOVA, G.M.; SORINA, A.M.; BRANITSKAYA, V.S.; PRUDNIKOVA, M.N.

Tularin from a vaccinal strain for epicutaneous use. Zhur. mikrobiol.epid. i immun. 27 no.9:22-28 S '56. (MLRA 9:10)

1. Iz Instituta epidemiologii i mikrobiologii im. N.F.Gamelei AMN SSSR i protivotuliaremiynykh stantsiy Stalingradskoy, Voroneshskoy, Tul'skoy, Plavskoy, Omskoy, Krasnodarskoy, Moskovskoy i Smolenskoy.
(TULAREMIA, diagnosis,
tularin epicutaneous test (Rus))

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

Korokeva A.P.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

BORODIN, V.P.; SAMSONOVA, A.P.; KOROLEVA, A.P.

Two cases of allergic reactions to bites by infected ticks from the family Rhipecephalus rossicus in subjects vaccinated against tularemia. Zhur. mikrobiol. epid. i immun. 29 no.11:117-118 N '58. (MIRA 12:1)

1. Iz Stalingradskoy oblastnoy sanitarno-epidemiologicheskoy stantsii.
(TULAREMIA, immunology,
allergic reactions to infected Rhipecephalus rossicus bite in vaccinated patients (Rus))
(TICKS,
Rhipecephalus rossicus, allergic reactions in subjects vaccinated against tularemia to bites of infected ticks (Rus))

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

[illegible], A. [illegible], [illegible], V. P., [illegible], [illegible], [illegible], A. P., [illegible], [illegible]

"The [illegible]-and-steppe type of the natural focus of tularemia." p. 173.

Desvatoye soveshchaniye po parazitologicheskim problemam i prirodnoochagovym bloeznyam. 22-29 Oktyabrya 1959 g. (Tenth Conference on Parasitological Problems and Diseases with Natural Foci 22-29 October 1959), Moscow-Leningrad, 1959, Academy of Medical Sciences USSR and Academy of Sciences USSR, No. 1 254pp.

Oblast Sanitary-Epidemiological Station/Stalingrad

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, A. P.

M. Ya. Borodin, Z. I. Kazakova, A. P. Koroleva and V. A. Popov, "The Thermo-resistant and Durable Foamy Materials Based on Silicon-organic Resins."

Report presented at the Second All-Union Conference on the Chemistry and Practical Application of Silicon-Organic Compounds held in Leningrad from 25-27 September 1958.
Zhurnal prikladnoy khimii, 1959, Nr 1, pp 238-240 (USSR)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

BORODIN, V.P.; SPITSYN, N.A.; SAMSONOVA, A.P.; KOROLEVA, A.P.; CHUNIKHIN, V.P.

Ravin-steppe type of natural focus of tularemia. Zhur.mikrobiol. epid. i immun. 30 no.3:35-40 Mr '59. (MIRA 12:5)

1. Iz Stalingradskoy oblastnoy sanitarno-epidemiologicheskoy stantsii.

(TULAREMIA, transm.
natural foci, ravine-steppe type of focus (Rus))

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

37776

15.8170

S/661/61/000/006/071/081
D247/D302

AUTHORS: Borodin, M. Ya., Kazakov, Z. I., Koroleva, A. P. and Popov, V. A.

TITLE: Foam plastics based on silico-organic resins and their combination with organic polymers

SOURCE: Khimiya i prakticheskoye primeneniye kremneorganicheskikh soyedineniy; trudy konferentsii, no. 6: Doklady, diskussii, resheniye. II Vses. konfer. po khimii i prakt. prim. kremneorg. soyed., Len. 1958. Leningrad, Izd-vo AN SSSR, 1961, 304-306

TEXT: Two types of silico-organic resins were investigated: Resins for layer foams and resins from acetoxysilanes. The coefficient of contraction, mechanical durability and dielectric properties were considered. Some of the uses of the layer foams were mentioned. Aluminum powder as a filler was assessed (thermostability being obtained up to 400°C). In the discussion the minimum weight by volume and the water capacity for the silico-layer foams were given.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

OLSUF'YEV, N.G.; YEMEL'YANOVA, O.S.; UGLOVOY, G.P.; SIL'CHENKO, V.S.; KHOROSHEV, I.G.; YEZHOVA, Ye.N.; BESSONOVA, M.A. ; VEDENEYEVA, Ye. V.; AREF'YEV, S.S.; SHELANOVA, G.M.; SORINA, A.M.; BORODIN, V.P.; KOROLEVA, A.P.; SUVOROVA, A.Ye.; ONIKHIMOVSKAYA, V.A.; STOLYAROVA, A.D.; BYSTROVA, K.A.; REPINA, R.F.; MYASNIKOV, Yu.A.; LEVACHEVA, Z.A.; YEGIAZARYAN, K.K.; RAVDONIKAS, O.V.; SARMANEYV, A.P.

Optimal periods for testing skin reaction in subjects inoculated against tularemia with a dry live vaccine and vaccinal, reactogenic and immunogenic properties of this preparation. Zhur. mikrobiol. epid. i immun. 32 no.6:92-98 Je '61. (MIRA 15:5)

1. Iz otdela prirodnoochagovykh infektsiy Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR, otdelov Osobo opasnykh infektsiy Voronezhskoy, Leningradskoy, Moskovskoy, Smolenskoy, Stalingradskoy, Tambovskoy, Tul'skoy, oblastnykh sanitarno-epidemiologicheskikh stantsiy i Omskogo instituta epidemiologii, mikrobiologii i gigiyeny.
(TULAREMIA) (VACCINES)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

SOLNTSEVA, R.R.; KOZLOV, V.V., prof., doktor khim. nauk, red.; KOROLEVA, A.P., red.

[Basic information on electronic concepts in organic chemistry; a manual for independent work by students] Nachal'nye svedeniia ob elektronnykh predstavleniiakh v organicheskoi khimii; rukovodstvo dlia studentov pri samostoiatel'nom izuchenii. Pod red. V.V.Kozlova. Moskva, Mosk. in-t nar. khoz. im. G.V.Plekhanova, 1965. 56 p. (MIRA 19:1)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, A. S.

B. T. R.
June 1954
Chemistry-Analytical and Inorganic

5

3 MW

7632 Determination of Cerium in Steel by Potentiometric Method. S. I. Malov, V. E. Penkova, and A. S. Koroleva. Henry Brutcher, Altadena, Calif., Translation No. 3141, 8 p. (From Zavodskaya Laboratoriya, v. 14, no. 3, 1948, p. 349-350.)

Determination of equivalent point by potentiometric method and separation of Ce from Fe, Ni, Cr, and part of the Mn by electrolysis with a Hg cathode.

MF 9-9-54

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

Koroleva, A.S.

USSR/Analysis of Inorganic Substances G-2

Abs Jour: Ref Zhur-Khimiya, No 6, 1957, 19630

Author : G.A. Medvedeva, A.S. Koroleva, I.V. Kurova
Inst : Uralsk Polytechnical Institute.
Title : Detection of Chlorine Ions without Using Silver Salts.

Orig Pub: Tr. Ural'skogo Politekhn. In-ta, 1956, sb. 57, 43 - 44.

Abstract: The solution of $Hg_2(NO_3)_2$ is proposed as a reagent for Cl^-; the interfering anions are oxidized by HNO_3 solution in a neutral medium and in presence of $Cu(NO_3)_2$ as a catalizator. I^- is oxidized to IO_3^-, Br^- is oxidized to Br_2, SCN^- to CN^-, S^{2-} to SO_3^{2-}, and $S_2O_3^{2-}$ to SO_4^{2-}. The ions SO_4^{2-},

Card 1/2

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, A. S.

Koroleva, A. S. - "Two forms of 'yugan' in the Kondar Gorge", Soobshch. Tadzh. filiala Akad. nauk SSSR, Issue 10, 1948, p. 38-40.

SO: U-3042, 11 March 1953, (letopis 'nykh Statey, No. 10, 1949).

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

1. KOROLEVA, A. S.

2. USSR 600

4. Pearlbush

7. Ornamental local species of pearlbush (Exochorda alberti), Soob. TFAN SSSR No. 28, 1950.

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

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, A.S.

Results of fodder-grass cultivation on unirrigated arable land of the central mountain region of the southern slope of the Gissar Range. Trudy TFAN SSSR 18:107-113 '51. (MLRA 8:8)
(Gissar Range--Grasses)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

GURSKIY, A.V.; ZAPRYAGAYEVA, V.I.; KOROLEVA, A.S.; RYABOVA, T.I.; SMOL'SKIY, N.V., redaktor; KORBONSKAYA, Ya.I., redaktor; FROLOV, P., tekhnicheskiy redaktor.

[Landscaping cities and villages of Tajikistan] Ozelenenie gorodov i poselkov Takzhikistana. Stalinabad, Izd-vo Akademii nauk Tadzhikskoi SSR, 1953. 137 p. (Akademiia nauk Tadzhikskoi SSR, Stalinabad. Trudy, vol. 14) (MLRA 9:8)
(Tajikistan--Landscape gardening)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KORBONSKAYA, Ya.I.; GRIGOR'YEV, Yu.S., redaktor; KOROLEVA, A.S., redaktor; FROLOV, P.M., tekhnicheskiy redaktor.

[Rust fungi of Tajikistan] Rzhavchinnye griby Tadzhikistana. Stalinabad, Izd-vo Akademii nauk Tadzhikskoi SSR, 1954. 94 p. (Akademiia nauk Tadzhikskoi SSR, Stalinabad. Trudy, vol.30). (MLRA 9:11)

(Tajikistan--Uredineae)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, A.S.

Conifers in Tajikistan and their role in landscaping settled areas. Izv.Otd.est.nauk AN Tadzh.SSR no.10:83-94 '55.
(MLRA 9:10)

1. Stalinabadskiy botanicheskiy sad Instituta botaniki AN Tadzhikskoy SSR.
(Tajikistan--Evergreens)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, A. S.

IKONNIKOV, S.S.; ISMAILOV, M.; KNORRING, I.G.; [redacted]; KUDRYASHEV, S.N.; MALEYEV, V.P.; MASLENNIKOVA, T.I.; NEVSKIY, S.A.; NIKITIN, V.A.; OVCHINNIKOV, P.N.; PLESHKO, S.I.; POPOV, N.G.; SIDORENKO, G.T.; CHUKAVINA, A.P.; SHIBKOVA, I.F.; BORISOVA, A.G., redaktor; VASIL'CHENKO, I.T., redaktor; NEUSTRUYEVA, O.E., redaktor; ZENDEL', R.Ye., tekhnicheskiy redaktor

[Flora of the Tajik S.S.R.] Flora Tadzhikskoi SSR. Moskva, Izd-vo Akad.nauk SSSR. Vol.1. [Pteridophyta - Gramineae] Paporotnikoobraznye-zlaki. Glav.red. P.N.Ovchinnikov. 1957. 547 p. (MLRA 10:9)
(Tajikistan--Botany)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, A. S.

Results of the introduction of trees and shrubs in the Dushanbe Botanical Garden during the last 25 years. Trudy Bot. inst. AN Tadzh. SSR. 18:5-140 '62. (MIRA 16:1)

(Dushanbe—Woody plants)
(Dushanbe—Plant introduction)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

SKRAMTAYEV, B.G., prof., doktor tekhn.nauk; YAKUB, I.A., kand.tekhn.nauk; KOROLEVA, A.T., inzh.

Waterproof and acidproof silicate materials. Stroi.mat. 9 no.12: 31-32 D '63. (MIRA 17:3)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KACHURIN, M.G.; TSIRKEL', Ye.E.; ORESHOVA, A.E.; KOROLEVA, A.V.; TETERINA, V.I.

Boiling-out cotton fabrics with the aid of sodium sulfite. Izv. vys.ucheb.zav.; tekh.tekst.prom. no.6:98-103 '59. (MIRA 13:4)

1. Leningradskaya sittsenabivnaya fabrika im. Very Slutskoy, i tekstil'noye upravleniye Lensovnarkhoza.
(Cotton finishing)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, A.V.

USSR / Diseases of Farm Animals. Toxicoses. R

Abs Jour: Ref Zhur-Biol., No 8, 1958, 35861.

Author : Ibragimov, Kh. Z., Koroleva, A. V.
Inst : Uzbekistan Institute of Agriculture.
Title : Bilirubin in Horse Blood in Connection with Sulla Poisoning.

Orig Pub: Nauchn. tr. Uzb. s.-kh. in-ta, 1956, 10, 181-185.

Abstract: The content of bilirubin in the blood serum of horses suffering from sulla poisoning increases to 25.6 milligram percent. As the condition of the sick animal becomes worse, the bilirubin content tends to increase; improve-

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, A.Ye. [Korol'ova, A.IE.]

Disorders of the higher nervous activity in arteriosclerotic dementia. Fiziol. zhur [Ukr.] 8 no.4:467-470 Jl-Ag '62. (MIRA 18:4)

1. Psikhonevrologicheskaya bol'nitsa im. akademika I.P.Pavlova, Kiyev.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

CHERNYAK, M.G.; ASLANOVA, M.S.; VOL'SKAYA, S.Z.; KUTUKOV, S.S.; SIMAKOV, D.P.; NAYDUS, G.G.; BOVKUNENKO, A.N.; KOVALEV, N.N.; SHKOL'NIKOV, Ya.A.; ZHIVOV, L.G.; KOVALEV, N.P.; KOZHUKHOVA, N.V.; KOROLEVA, A.Ye.; VINOGRADOVA, A.M.; OSIPOVA, O.M.; BADALOVA, E.I.; BRONSHTEYN, Z.I.; L'VOV, B.S.; KRYUCHKOV, N.N.; BLOKH, K.I.; MASHINSKAYA, N.I., red.

[Continuous filament glass fibers; technology fundamentals and their properties] Nepreryvnoe stekliannoe volokno; osnovy tekhnologii i svoistva. Moskva, Khimiia, 1965. 319 p. (MIRA 18:8)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, A.Ye. [Korol'ova, A.IE.]

Disorders in higher nervous activity in arteriosclerosis of the brain. Report No.2. Fiziol. zhur. [Ukr.] 9 no.4:492-496 Jl-Ag '63. (MIRA 17:10)

1. Division of Psychiatry and Pathology of the Higher Nervous Activity of the A.A. Bogomoletz Institute of Physiology of the Academy of Sciences of the Ukrainian S.S.R., Kiev.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, B.P.

Redesign of switching and reversing devices for operating main axial ventilation units in coal mines. Prom.energ. 14 no.2:21-23 F '59. (MIRA 12:3)

(Mine ventilation--Equipment and supplies)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, D. A.

Koroleva, D. A. "Early epilepsy connected with penetration of the skull by bullet wounds," Sbornik nauch. trudov (Rost. n/D gos. med. in-t), Vol. VIII, 1948, p. 235-39

SO: U-2888, Letopis Zhurnal'nykh Statey, No. 1, 1949

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

IL'INA, N.V., kand. khim. nauk.; SOKHATSKAYA, G.A., kand. tekhn. nauk; SHADRINA, M.N., inzh.; KOROLEVA, E.P., inzh.

Durability of the linings of rotary kilns in 1964. TSement 31 no. 6:4-6 N-D '65. (MIRA 18:12)

1. Gosudarstvennyy vsesoyuznyy institut po proyektirovaniyu i nauchno-issledovatel'skim rabotam tsementnoy promyshlennosti, Leningrad, i Vsesoyuznyy gosudarstvennyy nauchno-issledovatel'skiy institut tsementnoy promyshlennosti.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, F. S.

Koroleva, F. S.

"Procedures for increasing the field germination of the seeds of long-staple flax." Min Higher Education. Leningrad Agricultural Inst. Leningrad, 1956. (Dissertation for the degree of Candidate in Agricultural Sciences)

Knizhnaya letopis
No. 15, 1956. Moscow

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, G. A.

USSR / Microbiology. Microbes Pathogenic for Man and Animals. Bacteria. Anaerobic Bacilli. F

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 24111

Author : Koroleva, G. A.; Matveyev, K. I.; Volkova, Z. M.
Inst : Not given
Title : Obtaining Bi- and Polyvalent Antibotulin Sera of Types A, B, C, E from Horses. Report II

Orig Pub : Zh. mikrobiol., epidemiol. i immunobiol., 1958, No 5, 83-87

Abstract : No abstract given

Card 1/1

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

KOROLEVA, G.A.; MATVEYEV, K.I.; VOLKOVA, Z.M.

Production of therapeutic antibotulism C and E sera in horses. Report No.1. Zhur.mikrobiol.epid. i immun.29 no.3:102-106 Mr '58. (MIRA 11:4)

(BOTULISM, immunology;
immun. sera, prod. on horses (Rus)

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

CHUMAKOV, M.P.; VOROSHILOVA, M.K.; DZAGUROV, S.G.; DROZDOV, S.G.; LASHKEVICH, V.A.; MIRONOVA, L.L.; RAL'F, N.M.; SINYAK, K.M.; BARTOSHEVICH, Ye.N.; VASIL'YEVA, K.A.; GAGARINA, A.V.; GRACHEV, V.P.; ZHEVANDROVA, V.I.; TARANOVA, G.P.; KOROLEVA, G.A.; KUKAYN, R.A.; ROBINZON, I.A.; TYUFANOV, A.V.; EL'BERT, L.B.

Results of mass immunization with live poliomyelitis vaccine and the prospects for eradication of this disease. Vest. AMN SSSR 18 no.6:5-15 '63. (MIRA 17:1)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, G.A.; FROLOVA, M.P.

Investigations on Coxsackie A7, A14 and A16 viruses in tissue culture and in animals. Acta virol. (Praha) [Eng.] 8 no.6: 532-540 N '64

1. Institute of Poliomyelitis and Viral Encephalitides, U.S.S.R. Academy of Medical Sciences, Moscow.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

GOLODNIKOV, G.V.; KOROLEVA, G.N.

Catalytic transformations of tetraalkylsilanes. Part 4: Catalytic dehydrogenation of trimethylethylsilane. Zhur. ob. khim. 31 no. 11:3738-3740 N '61. (MIRA 14:11)

1. Leningradskiy gosudarstvennyy universitet.
(Silane)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

30192

S/079/61/031/011/014/015
D228/D305

S.3700

AUTHORS: Golodnikov, G. V., and Koroleva, G. N.

TITLE: Catalytic dehydrogenation of trimethylethylsilane

PERIODICAL: Zhurnal obshchey khimii, v. 31, no. 11, 1961, 3738-3740

TEXT: The authors studied the catalytic dehydrogenation of trimethylethylsilane—the first member of a group of mixed silanes with the formula Me_3SiR. B. N. Dolgov, G. V. Golodnikov, and I. B. Gensler (Ref. 1: Zh. obshch. khimii, 30, 2988, 1960), whose experimental procedure was followed in this work, also examined the dehydrogenation of other mixed silanes—Me_3SiPr, Me_3SiHx --and showed that tetraethylsilane, on the contrary, does not undergo dehydrogenation under the chosen conditions. The authors' data indicate that the reaction proceeds best at 590 - 600°, some 20 - 60° higher than is the case with silanes containing propyl, butyl, and hexyl radicals. Raising the temperature to 620° promotes the development of side-reactions—when trimethylsilane (I), trimethylvinylsilane (II),

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

LOPATNIKOV, M.I.; KOROLEVA, G.S.

First find of diatoms in the Ergheni sediments of the Oka-Don Lowland. Izv. AN SSSR. Ser. geol. 29 no.11:102 N '64. (MIRA 17:12)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

ZHUZE, A.P.; KOROLEVA, G.S.; NAGAYEVA, G.A.

Diatoms in the surface layer of bottom sediments of the Indian Ocean part of the Antarctic. Trudy Inst. okean. 61:19-92 '62. (MIRA 16:9)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, I.B.

Let's plant the pretty sweetbrier in school gardens. Biol. v shkole no.1:85 Ja-F '63. (MIRA 16:6)

1. Botanicheskiy sad AN Ukrainskoy SSR, Kiyev.
(Roses) (School gardens)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

BEL'TYUKOVA, K.I. [Bel'tiukova, K.H.]; KOROLEVA, I.B. [Korol'eva, I.B.]; SAMOYLENKO, V.I.

Use of Trichoderma 5320 (Trichoderma koningi Oud.) against Pseudomonas lachrymans (Erw. Smith A.Bryan) Grasner, causative agent of the angular leaf spot of cucumbers. Mikrobiol. zhur. 26 no.5:8-11 '64. (MIRA 18:7)

1. Institut mikrobiologii i vurusologii AN UkrSSR.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, I.B. [Korol'eva, I.B.]

Bacterial lupine diseases. Mikrobiol. zhur. 27 no.2[illegible] '65. (MIRA 18:5)

1. Institut mikrobiologii i virusologii AN UkrSSR.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

USPANOV, U.U., otv. red.; DOROVSKIY, V.M., red.; VOLKOV, A.I., red.; CHULAKOV, Sh.A., red.; KOROLEVA, I.F., red.; IVANOVA, E.I., red.; KHUDYAKOV, A.G., tekhn.red.

[Development of soil science in Kazakhstan] Razvitie pochvovedeniia v Kazakhstane; trudy. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1963. 199 p. (MIRA 16:7)

1. Respublikanskaya konferentsiya pochvovedov, posvyashchennaya 40-letiyu ustanovleniya Sovetskoy vlasti v Kazakhstane i obrazovanii Kommunisticheskoy partii Kazakhstana. 3d, Alma-Ata, 1960.

(Kazakhstan--Soil science)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, I.F.

Activity of the standardization department at the "Shtamp" Plant. Standartizatsiia 28 no.8:45-47 Ag '64.

(MIRA 17:11)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

BOGDANOV, S.V.; KOROLEVA, I.N.

Research in the field of naphthofuroxan. Part 2. 2-nitro-1-naphthylamine-4-sulfonic acid and 2-nitro-1-naphthol-4-sulfonic acid. Zhur.ob.khim.23 no. 10:1761-1764 O '53. (MLRA 6:11)

1. Nauchno-issledovatel'skiy institut organicheskikh poluproduktov i krasiteley im. K.Ye.Voroshilova. (Sulfonic acids)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, I. N.

Naphthofuroxan series. III. 1,2-Naphthoquinone-4-sulfonic acid dioxime. S. V. Bogdanov and I. N. Koroleva (K. E. Voroshilov Sci., Research Inst. Org. Intermed. and Dyes, Moscow). *Zhur. Obshchei Khim.* 24, 1994-8(1954); cf. *C.A.* 48, 13658a.—To 34.4 g. Na salt of the bisulfite adduct of naphthofuroxan suspended in 175 ml. H_2O was added at 5° 28.6 ml. 46.7% NaOH and the mixt. kept 2 hrs. at 5° and 18 hrs. at room temp. and filtered yielding 0.4 g. mixed naphthofuroxan, m. 124-5.5°, and naphthofurazan, m. 76-8°. The filtrate treated in the cold with 45 ml. 35.4% HCl dild. with 100 ml. H_2O gave SO_2 and a ppt. of 72.3-5.0% Na 1,2-naphthoquinone-4-sulfonate dioxime, $C_{10}H_7N_2NaO_5S$ (I), while the filtrate after addn. of AcONa and concn. gave *naphthofurazan-4-sulfonic acid*, whose *chloride*, m. 112.5-13.5°. The yield of I declines in an expt. of shorter duration and in one employing smaller amt. of NaOH. I yields orange solns. in alkalies, giving violet color in the presence of Fe, which may be green initially if the product is contaminated with 2-nitroso-1-naphthol-4-sulfonic acid. Pure I, yellow, is obtained as the *trihydrate* (from H_2O); the H_2O is not lost even at 110°, while at 120-30° decompn. occurs. The corresponding *K salt* is less sol., forms orange-yellow prisms and is isolated as monohydrate. *Ag salt* forms yellow needles, decompd. by hot H_2O. *Benzidine salt*, $C_{21}H_{20}O_{10}N_6S_2.2H_2O$, is also decompd. in hot H_2O. I (34.4 g.) in 300 ml. H_2O was treated with 9 ml. 35.4% HCl and refluxed 2 hrs. yielding 75% *Na 2-nitroso-1-naphthol-4-sulfonate*, yellow needles (from H_2O), which gave green color with Fe. Heated with Zn and a trace of AcOH it gave a colorless soln., which turned blue; acidification gave a red color and addn. of alkali gave a green color.

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Reduction with Sn-HCl gave 2-amino-1-naphthol-4-sulfonic acid, which oxidized with HNO_3 gave 2,4-dinitro-1-naphthol, m. 133.5° (decompn.). I (13.77 g.) in 40 ml. H_2O was treated with 6.55 g. NaOH in 18 ml. H_2O, kept 1 hr. at 15° and refluxed 15 min., yielding on cooling 87% *Na 1,2-naphtho(3',4')furazan-4-sulfonate* (II), colorless prisms, isolated as *hemihydrate*, which does not lose its H_2O even at 160°; the *$PhNH_3$ salt*, $C_{16}H_{12}O_4N_2S$, plates, decompn. 277°; *sulfonyl chloride*, m. 112.5–13.5° (from C_6H_6). The same product is obtained on 12 hrs. refluxing of I with Ac_2O. If 10.33 g. I in 75 ml. H_2O is treated at 30° with 8.6 ml. 46.7% NaOH and refluxed 2 hrs. there is obtained 6.99 g. II, while the filtrate gave 0.73 g. 2-nitro-1-naphthol-4-sulfonic acid on acidification. Keeping 20 g. I in 100 ml. H_2O and 52 ml. 55.8% HNO_3 1 hr. at 90° and 15 min. at 100° gave 14 g. *1,2-naphthofuroxan-4-sulfonic acid* in the form of its *Na salt*, while the filtrate on neutralization gave a further amount bringing the yield to 90.8%; the Na salt sparingly sol. and is anhyd. Reduction of I with $SnCl_2$-HCl at reflux (10 min.) gave *1,2-naphthylenediamine-4-sulfonic acid*, prisms; oxidation with HNO_3 gave 1,2-naphthoquinone-4-sulfonic acid, while reaction with phenanthrenequinone $NaHSO_3$ adduct gave 10,11-benzophenanthrazinesulfonic acid, yellow needles. If the above reduction is run with $SnCl_2$ and Zn dust, the same product is formed. To boiling soln. of 5.76 g. I in 320 ml. H_2O acidified with 11.2 ml. 35.5% HCl was added over 1 hr. 2.04 g. $KClO_3$ in 50 ml. H_2O and the mixt. refluxed 1 hr. and cooled, gave 3.38 g. *4-chloro-1,2-naphthofuroxan*, m. 140.2–40.8° (from EtOH).

G. M. Kosolapoff

S. V. Bogdanov and I. N. Koroleva

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APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, I. N.

KOROLEVA, I. N.: "Investigation of the 1', 2' -naptho-(3,4)-furoxane series". Moscow, 1955. Acad Sci USSR. Inst of Organic Chemistry imeni N. D. Zelinskiy. (Dissertations for the Degree of Candidate of Chemical Sciences)

SO: Knizhnaya letopis', No. 52, 24 December 1955. Moscow.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, I. N.

Naphthofuroxan series. IV. Derivatives of 1,2-naphthoquinone dioxime-6-sulfonic acid. S. V. Bogdanov and I. N. Koroleva (K. E. Voroshilov Inst. [illegible]

2

[illegible] naphthoquinone dioxime-4,6-disulfonic [illegible] (from MeOH or aq. EtOH) [illegible] $NaNO_2$ added to warm [illegible] benefit adduct of [illegible]

[illegible] naphthol-4,6-disulfonic [illegible] H_2O [illegible] none dioxime-4,6-disulfonic [illegible] III with 3.5 mol H_2O [illegible] The latter (10.5 g.) refluxed 2 hrs. with [illegible] nitroso-1-naphthol-4,6-disulfonic [illegible] fluxing III with 5% KOH 8 hrs. gave [illegible] can 4,6-disulfonic [illegible]

1/2

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

BOGDANOV, S.V., KOROLEVA, I. N.

(from aq. EtOH). V. Sulfonation and chlorination of naphthofuroxan. *Zhur. Obshchei Khim.* 26, 264-7; *J. Gen. Chem. U.S.S.R.* 26, 281-4(1956)(Engl. translation). Crude 1,2-naphthoquinone dioxime [illegible] added in 0.5 hr. to 150 ml. [illegible] at 90°, yielding [illegible] 124.5° (from [illegible]) [illegible] was treated in 0.5 hr. [illegible] and kept 3 hrs.; after add[illegible] filtration and cooling, there [illegible] naphthofuroxan-3-sulfonate [illegible] sponding *Na salt*, plates (from H[illegible]) [illegible] corresponding *sulfonyl chloride* [illegible] tion of the acid with Zn dust in [illegible] gave *1,2-naphthylenediamine-3-sulfonic acid*, needles [illegible] with SeO_2 (cf. C.A. 48, 13657b) gave *1,2-naphthotelenediazole-3-sulfonic acid*, isolated as the *Na salt*, plates [illegible] H_2O); the *sulfonyl chloride*, decomp. [illegible] same Na salt and chloride were [illegible] naphthylamine-3-sulfonic [illegible] cleavage of the azo deriv. [illegible]

presence of $CuSO_4$. I (23.3 g.) in [illegible] chlorinated at 25° 2 hrs. until 4.4 g. [illegible] treatment with ice gave [illegible] 145.5-6.5° (from CCl_4) [illegible] from I in hot [illegible] HCl [illegible]

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

BOGDANOV, S.V.; KOROLEVA, I.N.

Study of the naphthofuroxan series. Part 5. Sulfonation and chlorination of naphthofuroxan. Zhur.ob.khim. 26 no.1:264-267 Ja '56. (MLRA 9:5)

1. Nauchno-issledovatel'skiy institut organicheskikh poluproduktov i kresiteley imeni K.Ye. Voroshilova.
(Naphthofuroxan)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

SHKONDE, E.I.; KORGLEVA, I. Ye.

Determining ammonia nitrogen in soil extracts using indophenol dyes. Pochvovedenie no.6:54-60 Je'64 (MIRA 17:7)

1. Pochvennyy institut imeni V.V. Dokuchayeva.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

TESNER, P.A.; MAKAROV, K.I.; YEFIMOV, L.I.; ZHIGAREV, S.V.; KOROLEVA, K.A.; MASHKOV, A.N.

Obtaining nonoxidizing hot gas reducers from natural gas. Gaz. prom. 8 no.9:38-43 S '63. (MIRA 17:8)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

USSR / Pharmacology and Toxicology--Medicinal Plants V-5

Abs Jour: Ref Zhur-Biol, No 23, 1958, 107351

Author : Koroleva, K. I., Krasnoperova, E., Volynchikova, M., Korchuganova, G.

Inst : Gorno-Altayskiy State Pedagogical Institute

Title : The Effect of Black Mountain Ash and Sea Buckthorn on the Rate of Regeneration of Injured Tissue

Orig Pub: Uch. zap. Gorno-Altayskiy gos. ped. in-t, 1957, vyp. 2, 278-280

Abstract: Experimental wounds in rabbits were wetted with juices of the black mountain ash and sea buckthorn. Observations showed that the wounds wetted with the juices, especially with the simultaneous introduction of the juices per os, in a dose of 3 ml,

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USSR / Pharmacology and Toxicology--Medicinal Plants V-5

Abs Jour: Ref Zhur-Biol, No 23, 1958, 107351

healed 15 to 16 days in advance, with a rapidity of regeneration of 0.4 to 0.56 cubic centimeters. The wounds of the control rabbits healed after 18 to 23 days.

Card 2/2

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, K. M.

Botany

Genus Dorema. Flora SSSR 17, 1951.

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

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, K. P.

Massovoe dvishenie piatisotnikov - novoe proiavlenie patrioticheskoi initsiativy zheleznodorozhnikov. [The mass movement of the "five hundred" is a vew manifestation of the patriotic initiative of railroad workers]. Stenogramma publichnoi lektsii, prochitannoi v Moskve. Moskva, [Pravada] 1950. 30 p.

DLC: TF85.K64

SO: Soviet Transportation and Communications. A Bibliography. Library of Congress Reference Department, Washington, 1952, Unclassified.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

Korol'ova, K

Die Einhaltung des Fahrplanes; neue Organisationsmethoden. Hrsg. von der Lehrmittelstelle der Deutschen Reichsbahn. Leipzig, Fachbuchverlag, 1953.
22 p. diagrs.
Translation from the Russian: "Slazhennost'-osnova uspekha v kor'be za grafik", Moscow, 1951

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APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, K.P.; SKUGAREVSKAYA, O.A.

Formation of a magnetic field induced by a horizontal electric dipole immersed in a homogeneous conducting half-space. Izv. AN SSSR. Fiz. zem. no.2:28-40 '65. (MIRA 18:6)

1. Geologicheskiy institut AN SSSR.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, K.P.; NIKITINA, V.N.; SKUGAREVSKAYA, O.A.

Formation of an electric field in a homogeneous half-space in the case of an immersed source. Izv. AN SSSR. Fiz. zem. no.2:41-49 '65. (MIRA 18:6)

1. Geologicheskiy institut AN SSSR.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, Klavdiya Petrovna; TSARENKO, A.P., inzhener, redaktor; KANDYKIN, A.Ye., tekhnicheskiy redaktor

[Progressive methods for train dispatchers] Peredovye priemy dispetcherskogo komandovaniia. Moskva, Gos. transp. zhel-dor. izd-vo, 1955. 30 p. (MLRA 8:6)
(Railroads--Train dispatching)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, K.P.; SKUGAREVSKAYA, O.A.

Late stage of generating a magnetic field in layered media. Izv. AN SSSR. Ser. geofiz. no.4:506-513 Ap '62. (MIRA 15:4)

1. Magnitnaya laboratoriya AN SSSR.
(Electromagnetic prospecting)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

ACCESSION NR: AP3001482 S/0079/63/033/005/1478/1485

AUTHOR: Kozlov, L. M.; Koroleva, L. A.; Markovich, Ye. A.

TITLE: Nitroethers of ortho silicic acid

SOURCE: Zhurnal obshchey khimii, v. 33, no. 5, 1963, 1478-1485

TOPIC TAGS: nitroethers, ortho silicic acid, alkyl chlorosilanes, silanes

ABSTRACT: A method for making nitroethers or ortho silicic acid involves reacting alkyl chlorosilanes with nitroalcohols at room or lower temperatures. Product nitroethers, obtained in a 30-80% yield are more stable to hydrolysis than corresponding non-nitrated compounds. They are heat stable to about 200°, high-boiling and water-insoluble. 40 new silane compounds were synthesized and analyzed. Orig. art. has: 1 table.

ASSOCIATION: none

SUBMITTED: 27Apr62 DATE ACQ: 17Jun 63 ENCL: 00

SUB CODE: 00 NO REF SOV: 006 OTHER: 001

Card 1/1

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

FAYERMAN, N.N., dotsent; KOROLEVA, L.B., assistent

Use of hormone preparations in the compound treatment of toxic diphtheria. Vop. okh. mat. i det. 8 no.7:15-19 Jl '63. (MIRA 17:2)

1. Iz kafedry detskikh infektsiy Gor'kovskogo meditsinskogo instituta imeni S.M. Kirova.

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68045

AUTHORS: Goryaga, A. N., Koroleva, L. I. SOV/55-59-3-13/32

TITLE: The Electric and Galvanomagnetic Properties of Nickel - Zinc - Ferrite

PERIODICAL: Vestnik Moskovskogo universiteta. Seriya matematiki, mekhaniki, astronomii, fiziki, khimii, 1959, Nr 3, pp 97 - 104 (USSR)

ABSTRACT: It was the aim of the present paper to investigate the electric and galvanomagnetic properties of nickel-zinc ferrite, which, according to data published in recent literature, has the highest magnetic permeability and the highest dielectric constant. The ferrite sample of the composition 14.5% NiO, 36% ZnO, 49.5% Fe_2O_3 (in mol percents) was produced according to the usual ceramic process at the sintering temperature of 1320° (5 hours). The contacts were produced by burning-in a silver paste into the sample at 500°, as well as by dusting on to the cathode and by rubbing on of graphite. Burning-in of the silver paste does not essentially distort the results obtained by measuring the electric resistivity of the ferrite. The resistivity could immediately be determined on the cube-shaped sample. The

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

68045

The Electric and Galvanomagnetic Properties of Nickel - Zinc - Ferrite SOV/55-59-3-13/32

electric resistivity of the ferrite depends essentially on the amperage of the current passing through the sample. The magnetization of the nickel-zinc ferrite was measured at various temperatures by the ponderomotoric method. The sample under investigation has a negative sign of the thermoelectromotive force, i.e. an n-type conductivity. The specific resistivity was investigated in the interval ranging from room temperature to 500°. The curve $\lg\varrho = f(1/T)$ has four straight-lined regions and three breaks. The first break point corresponds to the Curie temperature of 80.5°, which agrees with the experimental work by V. V. Komar and V. V. Klyushin (Ref 2). Next, the theoretical calculations by P. P. Irkhin and Ye. A. Turov (Ref 4) are mentioned. The result of the present paper corresponds to the quantum-mechanical theory of the last-named authors. The nature of the two other break points is, as yet, not clear. According to the results given, the electric resistivity of a nickel-zinc ferrite probably has a more complicated character than the usual semiconductors. The transversal and the longitudinal galvanomagnetic effect have the same (negative) sign and also approximately the same values. Both at room temperature and at higher

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The Electric and Galvanomagnetic Properties of Nickel - Zinc - Ferrite SOV/55-59-3-13/32

temperatures $\Delta\varrho/\varrho$ is caused nearly exclusively by the paraprocess (by true magnetization). For all field strengths, the galvanomagnetic effect has a highly blurred maximum in the temperature interval of from 60 to 65°. The result obtained by the present paper agrees with that obtained by K. P. Belov and Ye. V. Talalayeva (Ref 5) as concerning the temperature dependence of the galvanomagnetic effect in polycrystalline and monocrystalline samples of manganese ferrites. In the case of the ferrite under investigation (as well as in the case of ferromagnetic metals and alloys) the galvanomagnetic effect is a linear function of magnetization: $-\Delta\varrho/\varrho = C(\sigma^2 - \sigma_s^2)$, where σ_s denotes spontaneous magnetization. Spontaneous magnetization decreases sharply with increasing temperature. In the case of the ferrite under investigation, the influence exerted by the inhomogeneous composition of the sample upon magnetic transformation is probably considerable. In metallic ferromagnetics and also in a ferrite in the immediate vicinity of the Curie point, the galvanomagnetic effect is proportional to $H^{2/3}$. The authors

Card 3/4

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L 21234-66 EWT(1) IJP(c)
ACC NR: AP6003790 SOURCE CODE: UR/0181/66/008/001/0220/0222

AUTHORS: Belov, K. P.; Koroleva, L. I.

ORG: Moscow State University im. M. V. Lomonosov (Moskovskiy gosudarstvennyy universitet)

TITLE: Anisotropy of the galvanomagnetic effect of the paraprocess in hexagonal ferrites

SOURCE: Fizika tverdogo tela, v. 8, no. 1, 1966, 220-222

TOPIC TAGS: galvanomagnetic effect, ferrite, electric resistance, magnetoresistance, temperature dependence, anisotropic medium

ABSTRACT: The authors investigated the galvanomagnetic effect in an oriented polycrystalline ferrite $SrO \cdot 4.4Fe_2O_3 \cdot 1.6Cr_2O_3$ produced by the usual ceramic technology and annealed in a magnetic field. The sample was in the form of a cube with 8.4 mm edge and had a density 4.27 g/cm^3. The electric resistivity was measured by a bridge method. The magnetic field was an electromagnet producing a field up to

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15000 Oe. Measurements were made of the temperature dependence of the longitudinal and transverse even galvanomagnetic effects along the easy magnetization axis (c-axis) and perpendicular to it (basal plane). The resistivity along the c axis was approximately 7 times larger than in the basal plane. This agrees with the results obtained by K. Zaveta (Phys. Stat. Sol. v. 3, 11, 1963) for hexagonal single-crystal $BaFe_{12}O_{19}$ and $PbFe_{12}O_{19}$ ferrites. The logarithm of the resistance increased linearly with the reciprocal of the temperature for both directions. The plot of the temperature dependence of the longitudinal galvanomagnetic effect of the paraprocess shows that the slope of the plot is approximately double in the easy-magnetization direction than in the direction perpendicular to it. The results indicate that the galvanomagnetic effect accompanying the paraprocess is anisotropic in a hexagonal ferrite. The authors thank S. A. Medvedev and A. M. Balbashov for preparing the sample. Orig. art. has: 4 figures and 1 formula.

SUB CODE: 20/ SUBM DATE: 15Mar65/ ORIG REF: 004/ OTH REF: 002

Card 2/2

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

ACCESSION NR: AP4034058 S/0126/64/017/004/0604/0606

AUTHORS: Yelkina, T. A.; Koroleva, L. I.

TITLE: Anomalous magnetic properties of ferrites with hexagonal structure of the Ferroxdur type

SOURCE: Fizika metallov i metallovedeniye, v. 17, no. 4, 1964, 604-606

TOPIC TAGS: ferrite, ferrite magnetic property, ferrite magnetization, ferrite hysteresis

ABSTRACT: The magnetic properties of hexagonal ferrites were determined experimentally in fields up to 14 000 oersteds and at temperatures from liquid nitrogen to the Curie point. Samples of the ferrite $SrO \cdot 4.4\ Fe_2O_3 \cdot 1.6\ Cr_2O_3$ were prepared in the form of spheres with a radius of 8 mm. During preparation the axes of the individual crystals were aligned with a strong magnetic field. The magnetization curves taken with the field parallel to the c axis had roughly the same form for all investigated temperatures, even immediately adjacent to the Curie point--some increase of magnetization, a transition towards saturation, and again a rapid nonlinear increase of magnetization. With the field perpendicular to the hexagonal axis there was an almost linear increase of magnetization for each of the

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ACCESSION NR: AP4034058

investigated temperatures. Hysteresis loops were measured at -195C and 333.5C with fields parallel to the c axis. For fields less than H_k, the field above which the magnetization again increased rapidly, there was practically no loop and the magnetization remained essentially constant even with the field reversed. For fields above H_k the loop occurred but was shifted considerably along the magnetization axis. The shift decreased with increasing field until with the saturation field the loop became symmetric. Measurements were also made at room temperature on similar samples of other ferrites of the same series. The same behavior was observed for $SrO \cdot 5.2Fe_2O_3 \cdot 0.8\ Cr_2O_3$, $SrO \cdot 4.8\ Fe_2O_3 \cdot 1.2\ Cr_2O_3$ and, although much weaker, $SrO \cdot 5.5Fe_2O_3 \cdot 0.5Cr_2O_3$. The authors express thanks to K. P. Belov for interest in the work and to K. M. Polivanov and S. A. Medvedev for reserving samples of oriented hexagonal ferrites. Orig. art. has: 4 equations and 4 diagrams.

ASSOCIATION: Moskovskiy gosudarstvenny*y universitet im. M. V. Lomonosova (Moscow State University)

SUBMITTED: 22Apr63 DATE ACQ: 20May64 ENCL: 00

Card 2/3

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

ACCESSION NR: AP4023401 S/0048/64/028/003/0529/0532

AUTHOR: Yelkina, T.A.; Koroleva, L.I.

TITLE: Anomalous properties of some ferrites with hexagonal structure [Report, Symposium on Ferromagnetism and Ferroelectricity held in Leningrad 30 May to 5 June 1963]

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v.28, no.3, 1964, 529-532

TOPIC TAGS: ferrites, hexagonal ferrites, complex hexagonal ferrites, anomalous magnetization, anomalous hysteresis, magnetic pseudosaturation

ABSTRACT: Anomalous magnetic behavior was noticed in material of the composition $SrO \cdot 4.4Fe_2O_3 \cdot 1.6Cr_2O_3$ having a hexagonal crystal structure similar to that of $BaFe_{12}O_{19}$. The material was prepared and the anomalous behavior first noted in the magnetism laboratory of the Moscow Power Engineering Institute. Magnetization curves and hysteresis loops were obtained with oriented polycrystalline samples of this material at temperatures from -195 to +369°C. The hexagonal axis was the axis of easy magnetization. Magnetization curves obtained with the magnetizing field perpendicular to this axis were normal and showed that magnetization (in this direction) was

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ACCESSION NR: AP4023401

due to rotation. Magnetization curves taken with the magnetizing field parallel to the hexagonal axis showed a double saturation at all temperatures except those very close to the Curie point: as the magnetizing field was increased the magnetization would first level off as at saturation, and then again increase sharply at a higher magnetizing field before finally reaching saturation. At the lowest temperatures the magnetization curve did not become flat before reaching true saturation, but the decrease and subsequent increase in slope was marked. Hysteresis loops obtained with the magnetizing field parallel to the hexagonal axis were also anomalous. When the maximum magnetizing field was in the region of the first (pseudo) saturation, the hysteresis loop was nearly a horizontal line. At somewhat greater magnetizing fields the loop was open but narrow and displaced on the magnetization axis. As the magnetizing field was further increased, the loop became more open and less displaced, and finally assumed a normal appearance. The possibility that the observed anomalous behavior was due to inhomogeneous material was eliminated by x-ray diffraction studies which showed that only a single phase was present. The possibility that the observed anomalous behavior was due to the appearance of helical or spiral structure is discussed briefly, but no definitive conclusions are reached. It is concluded that the observed anomalous behavior will be understood only after further investigation of this and similar materials, including investigation by neut-

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ACCESSION NR: AP4023401

ron diffraction. Orig.art.has: 4 figures.

ASSOCIATION: Fizicheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova (Physics Department, Moscow State University)

SUBMITTED: 00 DATE ACQ: 10Apr64 ENCL: 00

SUB CODE: PH NR REF SOV: 000 OTHER: 002

Card 3/3

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

L 61501-65 EWT(1)/EWP(e)/EPA(s)-2/EWT(m)/EWP(t)/EWP(k)/EWP(c)/EWP(b) Pf-4/

ACCESSION NR: AP5016622 UR/0188/65/000/003/0003/0008
621.318.122-4058:538.22

AUTHORS: Yelkina, T. A.; Koroleva, L. I.; Balbashov, A.M.

45
47
B

TITLE: Magnetic properties of porous ferromagnetic materials of the ferroxdur type

SOURCE: Moscow. Universitet. Vestnik. Seriya 3. Fizika, astronomiya, no. 3, 1965, 3-8

TOPIC TAGS: ferromagnetic material, magnetic property, magnetic anomaly, magnetic anisotropy, magnetic domain switching, magnetic characteristic, magnetism curve, hysteresis loop, domain structure, porous material

ABSTRACT: Measurements were made of the magnetization curve and hysteresis loop of a series of materials $SrOxFe_2O_3(1-x)Cr_2O_3$ ($x = 4.4, 4.8, 5.2$) in order to study their magnetic properties. The material has a hexagonal crystal lattice and is similar to Ferroxdur ($BaO \cdot 6Fe_2O_3$) with the Ba and Fe ions replaced by other elements. The specimens were prepared in the usual way (sintering at 1200 and 1350C) with a magnetic field applied during the pressing to orientate the hexagonal axis of the

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ACCESSION NR: AP5016622

crystals in the direction of the field. The resulting density was less than that for Ferroxdur (5.28 g/cm^3) due to the porosity of the material. Microstructure studies revealed that microscopic fissures divided the material into grains with an average spacing of 7 μ between the limiting pores. The measurements were made at temperatures from the Curie point to -195C in a field of 14000 oersted by the ballistic method. When the magnetization curves were taken along the hexagonal axis, a transition to saturation was observed in fields of 2000-3000 oersted. Then the magnetization again started to increase strongly and reached a saturation at a significantly higher field. If the maximum field is limited to the plane part on the curve, the loop degenerates to a straight line. The hysteresis loop (see Fig. 1 on the Enclosure) was similar for all the compounds tested. The single-phase nature of the material was confirmed by x-ray study and a comparison of the experimental value (the magnetic saturation at absolute zero) with the theoretical value. The curve in the direction of difficult magnetization indicated that the magnetizing process occurred almost exclusively by the turning of the magnetization vector to the direction of the field. The magnetocrystal anisotropy constant was determined by the slope of the linear part of the curves. Demagnetization of material was difficult. All effects were explained by the fact that single domain particles and polydomain particles exist together. The analysis was based on the strength of the magnetic fields and followed the work of E. C. Stoner and E. P. Wohlfarth (Phil.

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ACCESSION NR: AP5016622

Trans. Roy. Soc. of London, A - 240, 599, 1948). The magnetic properties were found to be related to the porosity of the material. Orig. art. has: 5 figures and 2 tables.

ASSOCIATION: Moskovskiy gosudarstvennyy universitet, Kafedra obshchey fiziki dlya biologov (Moscow State University, Department of General Physics for Biologists)

SUBMITTED: 03Jan64 ENCL: 01 SUB CODE: EM

NO REF SOV: 006 OTHER: 003

Card 3/4

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

L 61501-65

ACCESSION NR: AP5016622 ENCLOSURE: 01

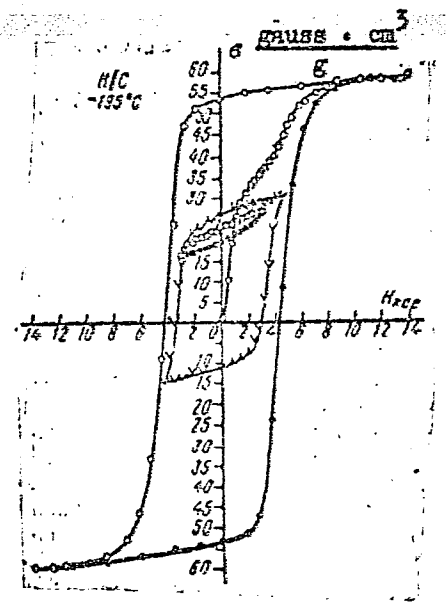

Fig. 1. Magnetization curve and hysteresis loop of partial cycles at a temperature of -195C for a specimen of $SrO \cdot 4.4Fe_2O_3 \cdot 1.6Cr_2O_3$. The field is positioned along the direction of easy magnetization.

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L 11880-66 EWT(1)/EWT(m)/T/EWP(t)/EWP(b)/EWA(c) IJP(c) JD/JG/GG

ACC NR: AT6002241 SOURCE CODE: UR/2564/65/006/000/0111/0115

AUTHOR: Bondar', I. A.; Koroleva, L. N.; Toropov, N. A.

ORG: none

TITLE: Growing of rare earth silicate single crystals of oxyortho- and diortho-type from a solution-melt

SOURCE: AN SSSR. Institut kristallografii. Rost kristallov, v. 6, 1965, 111-115

TOPIC TAGS: single crystal growing, silicate, lanthanum compound, samarium compound, yttrium compound, ytterbium compound, scandium compound

ABSTRACT: Oxyortho ($Ln_2O[SiO_4]$) and diorthosilicates ($Ln_2Si_2O_7$) of lanthanum, samarium, ytterbium, yttrium, and scandium were prepared in single crystal form by growing from a solution-melt. Potassium fluoride was chosen as the solvent and mineralizer. Coprecipitation with NH_4OH was used to achieve an intimate mixture of silica and rare earth oxide. The mixture was then heated in a crucible to 1300 — 1320C for 8 hr, kept at this temperature for 4 — 6 hr, then slowly cooled from 1320 to 850C. The experiment lasted 300 hr. La, Sm, Yb, Y, Sc oxyorthosilicate and Yb diorthosilicate crystals measuring 4 x 3 x 2 mm and less were obtained. Their quality was checked by x-ray phase analysis, microscopic analysis, and infrared spectroscopy, and the corresponding data are tabulated. Orig. art. has: 6 figures and 2 tables.

SUB CODE: 20/ SUBM DATE: none

Card 1/1

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA L. N.

L 15678-63 EWP(q)/EWT(m)/BDS AFFTC JD/JG

ACCESSION NR: AR3003582 S/0081/63/000/008/0061/0061

SOURCE: RZh. Khimiya, Abs. 8B415

58

AUTHOR: Bondar', I. A.; Korolyova, L. N.; Toropov, N. A.

TITLE: A diagram of the composition of a binary system of ytterbium oxide-silicon dioxide and a comparison of it with other system of Ln sub 2 O sub 3-SiO sub 2

CITED SOURCE: Tr. 6-go Soveshchaniya po eksperim. i tekhn. mineralogii i petrogr., 1961. M., AN SSSR, 1862, 303-310

TOPIC TAGS: ytterbium oxide, lanthanum oxide

TRANSLATION: The phase diagram of the system Yb sub 2 O sub 3 - SiO sub 2 was investigated, and a comparison was carried out with other diagrams of Ln sub 2 O sub 3 - SiO sub 2. In all systems, the compounds Ln sub 2 O sub 3·SiO sub 2 and 2Ln sub 2 O sub 3·SiO sub melt without decomposition; the compounds Ln sub 2 O sub 3·2SiO sub 2 in the systems Er sub 2 O sub 3 - SiO sub 2 and

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Yb sub 2 O sub 3 - SiO sub 2 melt without decomposition, and in the remaining systems they melt with decomposition into 2Ln sub 2 O sub 3·2SiO sub 2 and liquid. The region of phase separation increases upon transition from elements with a large ionic radius to elements with a smaller ionic radius. A calculation of the limiting composition for phase separation, i.e., a calculation of the composition of the liquid, corresponding to the transition from the region of two glasses into regions of homogeneity, was carried out according to the oxygen-volume method on the basis of full radii of oxygen and the cation-modifier and the type of their bond. The results obtained are in agreement with experimental data. Ya. Shenkin

DATE ACQ: 12Jun63 SUB CODE: CH ENCL: 00

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

TOROPOV, N.A.; BONDAR', I.A.; SIDORENKO, G.A.; KOROLEVA, L.N.

Synthesis of rare-earth silicates and certain problems involved in the classification of naturally occurring minerals of thalenites and yttrialites. Izv. AN SSSR. Neorg. mat. 1 no.2:218-221 F '65. (MIRA 18:7)

1. Institut khimii silikatov AN SSSR.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

S/062/62/000/004/002/013
B110/B101

AUTHORS: Lazarev, A. N., Tenisheva, T. F., Bondar', I. A., and Kopleva, L. N.

TITLE: Structure of pyrosilicates of rare-earth elements

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Otdeleniye khimicheskikh nauk, no. 4, 1962, 557-560

TEXT: The jumplike structural change of RE pyrosilicates is explained as follows: The coordination number or the shape of the coordination polyhedron of R^{3+} cations is assumed to change at some critical ratios of the dimensions of metal and oxygen ions. This assumption is supported by the fact that the europium ion Eu^{3+} lies at the boundary between the first (La - Sm) and the second (Gd - Ho, Y) group types of rare earths with different pyrosilicate structures. The infrared spectrum showed that pure $Eu_2Si_2O_7$ crystallized with a structure corresponding to the first group. Infrared spectra of $Eu_2Si_2O_7$ with $\leqslant$ 3% impurities of other rare

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earths, synthesized from europium oxide, showed superposition of spectra of first- and second-type pyrosilicates. Thus, two crystalline phases existed with nearly equal concentrations. Addition of 5 mole% of yttrium oxide effected crystallization of 80-90% of pyrosilicate with a structure corresponding to the second group. Gadolinium with nearly equal ionic radius caused no structural change whereas dysprosium entirely converted $Eu_2Si_2O_7$ to the second-type pyrosilicate. Small RE additions caused crystallization in two different types, but an intermediate structure has never been observed. This jumplike transition indicates that no continuous series of solid solutions is formed in binary systems of $(R,R')_2Si_2O_7$, where R and R' are atoms of rare earths of various groups. In the system $(La_{1-x}, Yb_x)_2Si_2O_7$, the infrared spectra show superposition of spectra of first- and third-group pyrosilicates at $x = 0.5-0.9$ (two-phase character). Similar observations were made for $(Y_{1-x}, Er_x)_2Si_2O_7$ at $0.4 < x < 0.8$. X-ray and microscopic studies showed the formation of limited solid solutions also for systems of hydroxyortho- or orthosilicates. An unimportant shift of the band of symmetrical

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L 52072-65 EWT(m)/EWP(t)/EWP(b) IJP(c) JD/JG

ACCESSION NR: AP5014084 UR/0363/65/001/004/0561/0568

23
22
B

AUTHOR: Bondar', I. A.; Toropov, N. A.; Koroleva, L. N.

TITLE: Synthesis of silicates of divalent rare earth elements

27

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 1, no. 4, 1965, 561-568

27

TOPIC TAGS: rare earth compound, silicate, x ray diffraction analysis

ABSTRACT: Silicates of the divalent cations Sm^{2+}, Eu^{2+}, and Yb^{2+} were synthesized from the oxides (Ln_2O_3) and silica at 1200°C in molybdenum crucibles in a stream of hydrogen. Silicates with trivalent cations were found to be formed in addition to those with divalent cations. X-ray diffraction patterns of the oxyorthosilicates, orthosilicates, diorthosilicates, and metasilicates of the three rare earths were recorded (samarium formed only an orthosilicate and a metasilicate). Intensity curves of these compounds showed similarities with the curves of the corresponding barium and strontium compounds. The optical properties of the synthesized silicate crystals were determined. It was concluded that strontium silicates are isostructural with europium silicates, and even to a higher degree with samarium sili-

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cates; ytterbium silicates are structurally similar to calcium silicates. It is possible that europium silicates occupy an intermediate position between strontium silicates and calcium silicates, the "basic" silicates being closer to strontium silicates, and the "acid" ones closer to calcium silicates. Orig. art. has: 3 figures and 5 tables.

ASSOCIATION: Institut khimii silikatov im. I. V. Grebenshchikova Akademii nauk SSSR (Institute of Silicate Chemistry, Academy of Sciences, SSSR)

SUBMITTED: 16Jan65 ENCL: 00 SUB CODE: IC, GC

NO REF SOV: 007 OTHER: 003

Card 2/2

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

PRAVOVEROV, K.N.; SOBOLEV, V.I.; KORCLEVA, L.P.

Ovens with flameless burners. Nauch. trudy AKKH no.23:17-30 '63. (MIRA 17:12)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

S/035/62/000/002/004/052
A001/A101

AUTHORS: Bronnikova, N. M., Kiseleva, T. P., Koroleva, L. S., Chudovicheva, O. N.

TITLE: Precise positions of asteroids according to Pulkovo photographic observations

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 2, 1962, 18, abstract 2A172 ("Tr. Gl. astron. observ. v Pulkove", 1961, v. 73, 133-146, English summary)

TEXT: The authors give 223 positions [α, δ (1950.0), O-C] of 8 selected asteroids: Ceres-1, Pallas-2, Juno-3, Vesta-4, Hebe-6, Iris-7, Melpomene-18, Harmonia-40. Observations were carried out during 1957 - 1959 by means of a normal astrograph; plates were measured on devices of Repsold and КИМ-3 (KIM-3) The authors present the list of fundamental stars and "relationships".

L. N.

[Abstracter's note: Complete translation]

Card 1/1

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

BRONNIKOVA, N.M.; KOROLEVA, L.S.; [illegible]

Precise positions of minor planets from photographic observations in Pulkovo. Izv. GAO 23 no.4:174-179 '64. (MIRA 17:9)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KISELEVA, T.P.; KOROLEVA, L.S.; SOKOLOVA, V.S.

Precise positions of minor planets from photographic observations at the Gupa Observatory. Izv. GAO 23 no.4:380-391 '64. (MIRA 17:9)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KISELEVA, T.P.; KOROLEVA, L.S.; SOKOLOVA, V.A.

Exact positions of minor planets computed from photographic observations at Cape Observatory. Biul. Inst. teor. astron. 10 no.1:76-80 '65. (MIRA 18:12)

1. Submitted May 9, 1964.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

GUSEL'NIKOV, V.I.; KOROLEVA, L.V.

Relationships between bioelectric reactions of the cerebral hemispheres and the reticular formation of the medulla oblongata in pigeons. Nauch. dokl. vys. shkoly; biol. nauki no. 1:69-76 '61. (MIRA 14:2)

1. Rekomendovana kafedroy fiziologii vysshey nervnoy deyatel'nosti Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.

(ELECTROENCEPHALOGRAPHY)

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KOROLEVA, L.V.

Structural changes in the visual analysor of monkeys after extirpation of the occipital lobes. Biul. eksp. biol. i med. 56 no.12:97-100 D '62. (MIRA 17:11)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti (zav. - prof. N.I. Lagutina) Instituta eksperimental'noy patologii i terapii (dir. - prof. B.A. Papin) AMN SSSR, Sukhumi.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, L.V.

Conditioned reflexes to light stimuli in monkeys after removal of the occipital lobe at different ages. Zh. vyssh. nerv. deiat. Pavlov 13 no.3:482-490 '63. (MIRA 17:9)

1. Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti Instituta eksperimental'noy patologii i terapii AMN SSSR, Sukhumi.

(REFLEX, CONDITIONED) (PHYSIOLOGY)
(LIGHT) (OCCIPITAL LOBE) (AGING)
(ANIMALS, NEWBORN)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

LAGUTINA, N.I.; URMANCHEYEVA, T.G.; KOROLEVA, L.V.

Electroencephalographic changes in lower monkeys of different ages following removal of the occipital lobes. Fiziol. zhur. 49 no.4:419-426 Ap '63. (MIRA 17:4)

1. From the Laboratory of Physiology and Pathology of Higher Nervous Activity Institute of Experimental Pathology and Therapy, Sukhumi.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

SHIBKOVA, S.A. (Rostov n/Donu, pereulok Tramvayshchikov, 9); KOROLEVA, L.V.

Cortical fibers in the retina of the monkey. Arkh. anat., gist. i embr. 46 no.2:36-42 F '64. (MIRA 17:12)

1. Laboratoriya elektrofiziologii nervnoy deyatel'nosti (zav. prof. A.B.Kogan) Rostovskogo-na-Donu gosudarstvennogo universiteta i Laboratoriya fiziologii i patologii vysshey nervnoy deyatel'nosti (zav. - prof. N.I.Lagutina) Instituta eksperimental'noy patologii i terapii AMN SSSR, Sukhumi.

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

OYVIN, I.A.; KIR'YAKOV, M.A.; KOROLEVA, L.V.; ROMANOVSKAYA, L.L.; SVESHNIKOV, A.A.; TOKAREV, O.Yu.; UKLONSKAYA, L.I.

Radiometric study of problems of the pathogenesis and experimental therapy of inflammatory edemas. Vest. AMN SSSR 20 no.9:87-93 '65. (MIRA 18:11)

1. Institut meditsinskoy radiologii AMN SSSR, Obninsk.

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

ANDRIANOV, S.M.; BARYUTIN, B.S.; BEZHETSKIY, M.I.; BOGDANOV, M.N.; GOLOVANOV, S.V.; IOFE, N.S.; KAPLAN, N.M.; KIRSYEV, A.V.; KOLOBOV, G.M.; KOROLEVA, M.A.; KURIN, A.I.; MIHAYEV, M.S.; POZDNYAKOVA, T.A.; PROKOPOVICH, V.M.; SOLOV'YEV, S.N.; TRET'YAKOV, N.P.; CHEKOV, A.M.; FILIMONOV, N.D.

Petr Fedorovich Lel'kov; obituary. Ptitsevodstvo 9 no.8:48 Ag '59. (MIRA 12:12)
(Lel'kov, Petr Fedorovich, 1905?--1959)

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"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

KOROLEVA, M.A.; PLETNIKOV, K.V., obshchiy redaktor; GIMPELEVICH, M., redaktor; GORILOVSKAYA, L., tekhnicheskiy redaktor.

[Technique of motion-picture projection] Tekhnika kinoproektsii. Pod obshchei red. K.V.Pletnikova. Moskva, Goskinoizdat, 1951. 330 p. (Motion-picture projection) (MLRA 8:2)

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1"

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824820006-1

BONDARCHUK, V.G., akademik, otv. red.; KOROLEVA, M.A., glav. red.; KOCHUBEY, A.D., red.; RADUL, M.M., kand. geogr. nauk, red.; BILYK, G.I., kand.biol. nauk, red.; GEYDEMAN, T.S., kand. biol. nauk, red.; ZAMORIY, P.K., doktor geol.-min. nauk, prof., red.; KUGUKALO, I.A., kand. ekon. nauk, starshiy nauchnyy stor., red.; MARINICH, A.M., dotsent, red.; MUKOMEL', I.F., kand. geogr. nauk, starshiy nauchnyy sotr., red.; PRIKHOT'KO, G.F., kand. geogr. nauk, red.; ROMANENKO, I.N., akademik, red.; TAL'NOVA, N.N., red.; BYUSHGENS, L.N., kand. geogr. nauk, retsenzent; DIDKOVSKIY, I.Ya., kand. geol.-miner. nauk, retsenzent; KEL'NER, Yu.G., kand. geogr. nauk, retsenzent; NADEZHIN, P.F., retsenzent; NIKISHOV, M.I., doktor tekhn. nauk, retsenzent; PIDOPLICHKO, I.G., retsenzent; KURDINA, G.P., red.-kartograf; RACHINSKAYA, Z.P., red.-kartograf; SLEPTSOVA, L.M., redaktor-kartograf.

[Atlas of the Ukrainian S.S.R. and the Moldavian S.S.R.] Atlas Ukrainskoi SSR i Moldavskoi SSR. Moskva, 1962. vi p. 90 p. of col.maps. (MIRA 15:5)

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BONDARCHUK, V.G.— (continued) Card 2.

1. Russia (1923- U.S.S.R.)Glavnoye upravleniye geodezii i kartografii. 2. Akademiya nauk USSR, direktor Instituta geologicheskikh nauk Akademii nauk USSR (for Bondarchuk). 3. Nachal'nik kartosostavitel'skogo tsekha fabriki No.1 (for Koroleva). 4. Zamestitel' predsedatelya Gosudarstvennogo planovogo komiteta Soveta Ministrov USSR (for Kochubey). 5. Direktor Instituta ekonomiki Akademii nauk Moldavskoy SSR (for Radul). 6. Zamestitel' direktora po nauchnoy rabote Instituta botaniki Akademii nauk USSR (for Bilyk). 7. Direktor Botanicheskogo sada Akademii nauk Moldavskoy SSR (for Geydeman). 8. Zaveduyushchiy kafedroy geomorfologii Kiyevskogo gosudarstvennogo universiteta (for Zamoriy). 9. Institut ekonomiki Akademii nauk USSR (for Kugukalo). 10. Zaveduyushchiy kafedroy fizicheskoy geografii Kievskogo gosudarstvennogo universiteta (for Marinich). 11. Ukrainskiy nauchno-issledovatel'skiy institut ekonomiki i organizatsii sel'skogo khozyaystva (for Mukomel'). 12. Direktor Ukrainskogo nauchno-issledovatel'skogo gidrometeorologicheskogo instituta (for Prikhot'ko).

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