APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

[illegible]

[illegible] "The [illegible] Industry [illegible]
[illegible] by [illegible]
[illegible] V.Z. [illegible]
Reviewed by V.[illegible] [illegible]
[illegible]

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, Ye.D.

Effect of the design of a suction line and other factors on the production capacity of a system of hydraulic conveying of cement slurry. Trudy IUzhgiprotsementa no.5:5[illegible]-6[illegible] '6[illegible]. [illegible]

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

VAYNSHTEYN, L.A., gornyy inzh.; GRINENKO, Ye.A., gornyy inzh.; GERGEL', N.A., gornyy inzh.

Mined 430 meters of inclined drifts in one month. Ugol' Ukr. 6 no.9:9-10 S '62. (MIRA 15:9)
(Donets Basin--Coal mines and mining--Labor productivity)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

BALCH, V.I., dotsent, kand. tekhn. nauk; GRINENKO, Ya.F., kand. ekonomicheskikh nauk

Efficiency of the new technological equipment and procedures on industrial railroads. Trudy MITT no.203:189-206 '65.
(MIRA 18:6)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, Ya.F.

Costs structure of the initial and terminal railroad freight operations and ways to reduce them. Trudy MIIT no.142:124-131 '61. (MIRA 15:1)

(Railroads--Freight) (Railroads--Cost of operation)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

MINKIN, I.B. [deceased]; SILAYEV, N.I.; KRIMNUS, G.Kh.; NAUMOV, G.K.; GENESIN, A.M.; GRINENKO, Ya.F.; POPOV, A.V., inzh., red.; KHITROV, P.A., tekhn.red.

[Costs of transportation on industrial railroads] Voprosy sebestoimosti perevozok na promyshlennom zheleznodorozhnom transporte. Moskva, Gos.transp.zhel-dor.izd-vo, 1960. 175 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no.185). (MIRA 13:11)
(Railroads, Industrial--Cost of operation)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, V.V.; BYUTNER, Ye.S.

Physiological incompatibility of grafting components in fruit trees. Bot.zhur. 50 no.10:1409-1418 O '65.

(MIRA 18:12)

1. Severo-Kavkazskiy zonal'nyy nauchno-issledovatel'skiy institut sadovodstva i vinogradarstva, Krasnodar.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, V.V.; BONDAREVA, Yu.S.

Protective reactions of the grapevine and its adaptation to winter conditions. Fiziol.rast. 12 no.1:99-109 Ja-F '65. (MIRA 18:3)

1. Severo-Kavkazskiy zonal'nyy nauchno-issledovatel'skiy institut sadovodstva i vinogradarstva, Krasnodar.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, V.V.; SHCHEGLOVA, V.F.

Effect of vitamins on the oxidation-reduction systems, growth, and development of cotton. Vitaminy no.4:180-186 '59. (MIRA 12:9)

1. Botanicheskiy institut Akademii nauk Tadzhikskoy SSR, Stalinabad.
(COTTON) (PLANTS, EFFECT OF VITAMINS ON)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

USSR/Cultivated Plants. Fruits. Berries.

Abs Jour : Ref Zhur-Biol., No 1[illegible], 19[illegible], 60367

quality of the grapes, and of accumulating plastic substances which are needed to make the plants hardy in preparation for the low winter temperatures. -- M. A. [illegible]

Card : 3/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

USSR/Cultivated Plants. Fruits. Berries.

Abs Jour : Ref Zhur-Biol., No 15, 1958, 68367

physiological reaction maintains the water content of the fibers at the level necessary for life. This reaction is reflected in the changed relationship between the quantities of labile and fixed water. Of the Rkatsiteli, Rose Tayfe, and White Kishmish strains which were investigated, the latter proved to be most sensitive to insufficient soil moisture. Although under unirrigated conditions a decline in the overall productiveness of grapevines takes place, the plants possess a high coefficient in the useful exploitation of the synthesizing activity of the leaves. This coefficient ensures the possibility of obtaining sufficiently high yields, of improving the

Card : 2/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO V. V.

USSR/Cultivated Plants. Fruits. Berries.

Abs Jour : Ref Zhur-Biol., No 66367

Author : Grinenko, V. V., Chuklin, G. A.
Inst : AS Tadz SSR, Natural Sciences Branch.
Title : The Water Regime of the Grapevine in Irrigated and Unirrigated Conditions.

Orig Pub : Izv. Otd. yestestv. nauk. AN TadzSSR, 1957, No 20, 63-70

Abstract : In assuming that in the mountainous regions of Tadzhikistan unirrigated viniculture is superior to irrigated, the authors compare the physiological indices of the water regime of grapevines in unirrigated and irrigated areas. In unirrigated conditions the water metabolism of the plants is sharply reduced since an effective

Card : 1/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

TYURINA, Margarita Mikhaylovna; GRINENKO, V.V., red.; FEDIOV, P.M., tekhred.

[Study of the frost resistance of plants in the Pamir highland] Issledovanie morozostoikosti rastenii v usloviiakh vysokogorii Pamira. Stalinabad, Izd-vo Akad. nauk Tadzhikskoi SSR, 1957. 103 p. (Akademiia nauk Tadzhikskoi SSR., Stalinabad. Trudy, vol. 57)
(Pamirs--Plants--Frost resistance) (MIRA 12:9)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO,V.V.; SHCHEGOLEVA,V.F.

Foliar nutrition as a factor in increasing the physiological activity and yield of cotton. Fiziol.rast.2 no.2:132-140 Mr-Ap '55. (MLRA 8:10)

1. Botanicheskiy institut Akademii nauk Tadzh.SSR, Stalinabad
(Cotton) (Plants--Nutrition)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, V. V.

USSR/Physiology of Plants

Card 1/1

Authors : Raldtin, Yu. V.; Ovcharov, K. E.; Grinenko, V. V.; and Shcheglova, V.F.

Title : Physiological transformations in a cotton plant during its fall chemical topping.

Periodical : Dokl. AN SSSR, 95, 6, 1337 - 1340, 21 Apr 54

Abstract : Topping of cotton plants increases the harvest. The topping has usually been done in the spring time. It consisted of breaking off the tips of the plants. The authors suggest spraying chemicals over the tips of the plants, which would prevent the tips from growing. This spraying has the same effect as the regular topping, producing a better harvest for less money. Manual topping usually increases the harvest by 10.8%, Chemical topping by 18.9%. One of the best chemicals to use for the topping is sodium salt of 2, 4, 5 - trichlov - phenoxy-acetic acid, called TU compound; three tables.

Institution : K. A. Temiryazev Inst. of Physiology of plants of the Acad. of Scs. of the USSR and Botany Institute of the Acad. of Scs. of Tadzh, SSR.

Submitted : 27 Feb 54

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, V. V.

Fall checking of cotton plants chemically. Yu. V. Rakitin, V. F. Petrov, K. E. Ovcharov, V. V. Grinenko, and V. F. Shcheglova. *Izvest. Akad. Nauk Tadzhik. S.S.R., Otdel. Estestven. Nauk* 1954, No. 8, 201-9; *Referat. Zhur. Khim., Biol. Khim.* 1955, No. 6771.—The use of 2,4,5-trichlorophenoxyacetic acid during the fall sprouting of cotton disturbs the metabolic processes of the young buds, the foci of new growth and of young leaves by arresting their respiratory processes, and the rate of CO_2 assimilation and lowers the level of their oxidative processes. This in turn leads to an accumulation of NH_3 and dehydroascorbic acid, and results in the ultimate death of the parts of the plants thus affected. In the leaves of the midsection of the plants and in the formed pods the effect on the metabolic processes is reversed. The maturing of the pods is hastened and the yield in raw fiber is increased. B. S. Levine

(4)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, V. S.,

"Ratio variations of S^{32}/S^{34} isotopes in rocks as indicators of their genesis"

Report to be submitted for the 13th General Assembly, Intl. Union of Geodesy and Geophysics (IUGG), Berkeley Calif., 19-31 Aug 63

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

ACC NR: AM6029769

TABLE OF CONTENTS [abridged]:

Foreword -- 3
Ch. I. General requirements for pipelines made from corrosion-resistant steels -- 7
Ch. II. Basic materials and welding materials used in the production of pipelines -- 20
Ch. III. Pipeline welding -- 20
Ch. IV. Preparing pipelines for welding -- 104
Ch. V. Welding equipment -- 129
Ch. VI. Organization of pipe-assembly operations -- 189
Ch. VII. Quality control of welded pipe joints -- 202
Ch. VIII. Safety measures -- 236

SUB CODE: 13/ SUBM DATE: 20Apr66/ ORIG REF: 081/ OTH REF: 027

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

ACC NR: AM6029769 Monograph UR/

Yurchenko, Yu. F.; Guma, V. V.; Roshchin, V. V.; Grinenko, V. I.; Popenko, V. S.; Kurkumeli, A. A.

Fitting and welding of corrosion-resisting steel piping in the atomic industry (Montazh i svarka truboprovodov iz korrozionnostoykikh staley v atomnoy promyshlennosti) Moscow, Atomizdat, 1966. 248 p. illus., biblio. 2,800 copies printed.

TOPIC TAGS: pipeline, welding, automatic welding, welding technology

PURPOSE AND COVERAGE: The authors discuss current practices in assembling and welding pipelines from corrosion-resistant steels, designated for use in aggressive media in atomic industry. Existing techniques are evaluated and recommendations are made on the selection of appropriate methods, whose technical and economic indices are cited. Welding operations and equipment, and assembly and welding machinery are described; automatic welding and the complete automation of assembly operations are emphasized. The book is intended for engineers and technicians and all specialists working in design and assembly shops of plants and research institutes specializing in the welding of corrosion-resistant steels. There are 108 references of which 56 are Soviet.

Card 1/2 UDC: 621.643.411.4:669.14.018.6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

L 10258-66 EWT(d)/EWT(m)/EWP(c)/EWP(v)/T/EWP(t)/EWP(k)/EWP(h)/EWP(b)/EWP(l)/EWA(c)
ACC NR: AP5026766 JD/HM SOURCE CODE: UR/0286/65/000/017/0048/0048

INVENTOR: Roshchin, V. V.; Grinenko, V. I.; Gusakov, G. I.; Frolov, Yu. M.; Novikov, V. I.; Turkov, I. I.

ORG: none

TITLE: Method of automatic TIG welding of fixed tube joints. Class 21, No. 174299

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 17, 1965, 48

TOPIC TAGS: welding, metal welding, TIG welding, automatic welding, pipe

ABSTRACT: This Author Certificate introduces a method of automatic TIG welding of fixed joints of pipes of any thickness. The welding is done with the electrode vibrating across the groove according to a program determined by the torch motion. Filler wire is fed at the moment when the electrode crosses it. A modified method, in which the direction of welding is reversed after each pass in accordance with the program and the filler wire is fed correspondingly from two sides, is mentioned. [MS]

SUB CODE: 13/ SUBM DATE: 13May64/ ATD PRESS: 4160

Card 1/1 UDC: 621.791.753.9-462

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

L 11542-66

ACC NR: AP6000616

shifting of edges occurred from the true vertical. The displacements of the electrode and the seam edges are given for tubes of varying wall thicknesses: the displacement of the edges ranged from 2 to 3 mm while that of the electrodes ranged between 1.5 to 2 mm. Welding data for tube dimensions of 60 × 4, 57 × 5 and 108 × 6 mm are given in tabular form. Samples of weld made by the pulse-arc method and continuous welding are compared, no difference being noted for ordinary mechanical properties or bend angle. Macrostructural and x-ray examination revealed absence of porosity, cracks, lack of fusion and other discontinuities in the metal. Microstructures of various portions of the welded region are also shown. The basic structure studied was a small-grained, austenitic-pearlitic matrix. In the heat affected zone, there was growth of the austenite grains and the weld region had a cast austenitic-pearlitic structure. The effect of pressing during the welding operation was to decrease the ferrite content. Corrosion test results (GOST 6032-58) revealed that the pressed and unpressed welded seams were equally resistant to corrosion attack. Orig. art. has: 7 figures, 2 tables.

SUB CODE: 11/13/ SUBM DATE: 00/ ORIG REF: 004/ OTH REF: 000

HW

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

N L 11542-66 EWT(m)/EWA(d)/EWP(t)/EWP(z)/EWP(b) MJW/JD/WB

ACC NR: AP6000616 SOURCE CODE: UR/0135/65/000/012/0016/0018

AUTHOR: Ishchenko, Yu. S. (Engineer); Grinenko, V. I. (Engineer); Pavlov, Yu. S. (Engineer)

ORG: none

TITLE: Pulse argon-arc welding of nonrotating tube seams of Kh18N10T type steel using infusible electrodes

SOURCE: Svarochnoye proizvodstvo, no. 12, 1965, 16-18

TOPIC TAGS: pulse welding, arc welding, welding electrode, seam welding, steel, metal tube, solid mechanical property, corrosion resistance

ABSTRACT: High quality welded seams can be obtained by arcing the nonrotating joints of tubes made from Kh18N10T steel with wall thicknesses up to 6 mm. A cyclogram is given in which weld current is shown as a function of time. The criterion chosen for weld quality was the general seam formation, including crater depth. Tungsten electrodes of varying truncated diameter were used and the influence of this diameter on crater depth was shown; in general, the depth decreased with increase in truncated diameter (0.5 to 2.0 mm). The 1.5 to 2.0 mm truncated diameters worked best. Crater depth was also plotted as a function of welding current. The depth decreased with current which ranged from 10 to 50 amp. However, the length of the welded junction remained constant with welding current. Due to slight changes in the assembly, the

UDC: 621.791.753.93:621.643.2/.3:669.15-194

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, V.I.

Modernizing the PPU-3 assembly. Mash. i neft. obor. no.9:14-16 '64. (MIRA 17:11)

1. Nal'chikskiy mashinostroitel'nyy zavod.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, V.I., inzh.; BELKIN, S.A., inzh.; ASTAFUROVA, N.I., kand.tekhn.nauk

Welding nonrotatable pipe joints of Kh19N9T steel by the automatic pressure method. Svar. proizv. no.10:27-29 O '63. (MIRA 16:11)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

OZERETSKOVSKIY, Serafim Vasil'yevich; REMEZOV, N.S., nauchnyy red.; GRINENKO, V.F., red.; DORODNOVA, L.A., tekhn.red.

[Planing machine operator] Strogal'shchik. Moskva, Vses. uchebno-pedagog.izd-vo Proftekhizdat, 1960. 149 p. (MIRA 14:1)

(Planing machines)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GAL'MOV, [illegible] [illegible], V.I.

[illegible] of instrumental errors [illegible] determination of the isotopic composition of elements. Zhur.anal.khim. 20 no.5:547-553 '65. (MIRA 38:12)

1. Moskovskiy institut naftekhimicheskoy i gazovoy promyshlennosti imeni I.M.Gubkina i institut geokhimii i analiticheskoy khimii imeni V.I.Vernadskogo AN SSSR, Moskva. Submitted April 2, 1964.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

USTINOV, V.I.; GALIMOV, E.M.; GRINENKO, V.A.

Method of two standards for eliminating systematic errors in the measurement of isotope composition by a mass spectrometer. Zhur. anal. khim. 20 no. 11:1180-1184 '65 (MIRA 19:1)

1. Institut geokhimii i analiticheskoy khimii imeni V.I. Vernadskogo AN SSSR i Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti imeni I.M. Gubkina. Submitted September 9, 1964.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

ILLEGIBLE

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

[illegible], [illegible], [illegible], [illegible], V.I.

[illegible] composition [illegible] in the [illegible] of the Chorukh Deposit (Uzbekistan). Geokhimiia [illegible] N [illegible].

(MIRA 18:8)

1. [illegible] y [illegible] imeni V.I.Vernadskogo AN SSSR, Moskva.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GALIMOV, E.M.; GRINENKO, V.A.

Age effect in the isotope composition of carbon in the stalactite annuations of the Crimean Mountains. Geokhimiia no.6:661-667 Je '65. (MIRA 18:7)

1. Gubkin Institute of Chemical Oil and Gas Industry and Vernadsky Institute of Geochemistry and Analytical Chemistry Academy of Sciences, U.S.S.R., Moscow.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GALIMOV, E.M.; GRINENKO, V.A.

Effect of the processes of surface leaching on the isotopic composition of carbon in secondary calcite. Geokhimiia no.1: 115-117 Ja '65. (MIRA 18:4)

1. Institut geokhimii i analiticheskoy khimii imeni Vernadskogo AN SSSR, Moskva i Moskovskiy institut neftekhimicheskoy i gazovoy promyshlennosti imeni Gubkina.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

[illegible], V.I., [illegible], V.A.

Analysis of the compensation system for the precision measurements of isotope abundance ratios. Zav. lab. 30 no. [illegible] [illegible]. (MLRA [illegible])

1. Institut geokhimii i analiticheskoy khimii imeni Vernadskogo AN [illegible].

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

VINOGRADOV, A.P.; GRINENKO, V.A.; USTINOV, V.I.

Isotope composition of sulfur compounds in the Black Sea. Geokhimiia no.10:851-873 '62. (MIRA 16:4)

1. Institut geokhimii i analiticheskoy khimii imeni V.I. Vernadskogo AN SSSR, Moskva.
(Black Sea—Sulfur isotopes)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, U.A.

Distr: 4E4j

7

Some data on the isotopic composition of the sulfur of sulfides. A. P. Vinogradov, M. S. Chupakhin, and V. A. Grinenko (V. I. Vernadskii Inst. Geochem. and Anal. Chem. Acad. Sci. U.S.S.R., Moscow). Geokhimiya 1957, 183-6.—The isotopic compn. of the S of sulfides, the formation of which are explained by a segregation process, was studied. Isotopic compn. of sulfides studied ranged from a S^{32}/S^{34} ratio of 22.178 to 22.089, and on an av. close to 22.12.

Gladys S. Macy

5

1/1

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

VINOGRADOV, A.P.; CHUPAKHIN, M.S.; GRINENKO, V.A.; TROFIMOV, A.V., [deceased]

Isotopic composition of sulfur in connection with the age of pyrites of sedimentary origin. Geokhimiia no.1:96-105 '56. (MLRA 9:9)

1. Institut geokhimii i analiticheskoy khimii imeni V.I. Vernadskogo AN SSSR, Moskva.
(Sulfur--Isotopes)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, V. A.

5

4E4

[illegible] ratio of [illegible] in [illegible] A. E. [illegible] V. A. Grinenko (V. I. [illegible] Acad. Sci. [illegible] Moscow). [illegible] 1953, No. 4, 3-6.—It has been shown that sulfide minerals, such as pyrite, pyrrhotite, chalcopyrite, and troilite, have different S^{32}/S^{34} ratios, depending on their genesis. The purpose of the present report was a more detailed study of the isotopic S ratio for ores of high-temp. sulfide minerals from different deposits of the U.S.S.R. The method of detn. of isotopic ratio was stated previously. All the isotopic data are cited in relation to isotopic compn. of the S of troilite of the Sikhote-Alin meteorite for which S^{32}/S^{34} = [illegible]. The mass-spectrum error of detn. was ±0.01%. From the data obtained, the isotopic compn. of S of pyrite and other sulfide minerals does not depend on age of formation. Different sulfide minerals from the same deposits have practically identical isotopic S ratios. The greatest deviations in S^{32}/S^{34} ratios were observed within the limits of one deposit for minerals of different genesis. From the data collected it is obvious

that the S^{32}/S^{34} ratio deviates toward both sides compared with the isotopic compn. of iron meteorites. An increase of S^{32}/S^{34} may occur because of loss of S^{32}. Such an increase is observed for low-temp. pyrite. It is a result of oxidation processes. A decrease of the S^{32}/S^{34} value is observed for sulfides of magmatogenic, hydrothermal, and contact-metasomatic genesis. There is a general tendency for high-temp. sulfides toward a decrease of the S^{32}/S^{34} value. Av. value of S^{32}/S^{34} for sulfides studied was 22.17. A three-page table gives isotopic compn. of S of sulfide deposits, including percentage deviation from standard age, location of deposit, and description of the mineral. Gladys S. Macy.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, S.S. (Leningrad)

Prop - holder used in preparing a tooth for replantation.
Stomatologiia 42 no.4:97 Jl-Ag'63 (MIRA 17:4)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

L 45439-66

ACC NR: AT6022337

intended for measurements of relatively high (20 kw) power, used by a radio transmitter and is characterized by relatively high measurement accuracy over a wide range of temperatures and low power consumption. [GC]

SUB CODE: 09,17 / SUBM DATE: 31Mar66/

LS

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

L 16439-66

ACC NR: AT6022337 SOURCE CODE: UR/0000/66/000/000/0026/0026

AUTHOR: Balanov, A. T.; Vitebskiy, V. B.; Grinenko, S. G.; Krasilich, G. P.

ORG: none

35
B+1

TITLE: Three-phase power transformer with emf Hall sensors

SOURCE: Vsesoyuznaya nauchnaya sessiya, posvyashchennaya Dnyu radio. 22d, 1966. Sektsiya radioperedayushchikh ustroystv. Doklady. Moscow, 1966, 26

TOPIC TAGS: electric ~~power~~ transformer, oscillograph, radio transmitter, emf Hall sensor, REMOTE CONTROL

ABSTRACT: The present work shows the results of an investigation of a three-phase power transformer with emf Hall sensors. This instrument receives an electric signal from its output proportional to the active power measured. The instrument can therefore be used for remote control, in automatic-control systems, and as an oscillograph of the power measured. The power converter investigated is

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

ACC NR: AP6020391

$$CaO > Mn_3O_4 > NiO > Fe_2O_3 > ZnO > CoO.$$

The best characteristics are obtained when calcium oxide is used as the absorbing agent for hydrogen iodide. When 0.5 mole of iodine per mole of isopentane and one mole of oxygen per mole of iso-C_5H_{12} are supplied at 230° and the contact time is 1.3 sec, the isoprene yield is about 62 mole % in one operation for a selectivity of the process of 82 mole %. Orig. art. has: 1 figure and 2 tables.

SUB CODE: 07/ SUBM DATE: 01Feb65/ ORIG REF: 003/ OTH REF: 001

Card 2/2 MT

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

L 47031-66 EWT(m)/EWP(j)/T WE/RM

ACC NR: AP6020391 SOURCE CODE: UR/0204/66/006/001/0071/0074

AUTHOR: Tyuryayev, I. Ya.; Grinenko, S. B.; Kadilova, I. L.; Kozorezov, Yu. I.; Golubova, E. Ye.; Zhupanenko, V. V.

ORG: Institute of Chemistry of High Molecular Compounds, AN UkrSSR (Institut khimii vysokomolekulyarnykh soyedineniy AN UkrSSR)

TITLE: Effect of oxides of various metals on the oxidative dehydrogenation of isopentane into isoprene with the participation of iodine

SOURCE: Neftekhimiya, v. 6, no. 1, 1966, 71-74

TOPIC TAGS: transition metal oxide, dehydrogenation, isopentane, isoprene, iodine

ABSTRACT: Comparative data were obtained on the oxidative dehydrogenation of isopentane into isoprene with the participation of iodine and various metal oxides. The reaction products were analyzed by gas-liquid chromatography. From the standpoint of the isoprene yield from the dehydrogenation in the presence of iodine and air, the oxides are arranged in the following sequence:

$$CaO > Mn_3O_4 > ZnO > NiO > CoO > Fe_2O_3,$$

and when air is replaced by nitrogen,

Card 1/2 UDC: 547.315.2:547.215-125:542.941.8:[546.15+546.3-31

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

PASAL'SKIY, S.S.; ANISHCHENKO, N.F.; GRINENKO, P.A.

Over-all mechanization and automatization of coal mining operations in the "Proletarskaya-Glubokaya" mine. Ugol' 35 no. 12:1-4 D '60. (MIRA 14:1)

1. Nachal'nik shakhty "Proletarskaya-Glubokaya" (for Pasal'skiy). 2. Donetskiy ugol'nyy institut (for Anishchenko). 3. Dongiprouglemash (for Grinenko).

(Donets Basin--Coal mines and mining)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

BAYAMBINA, E.G.; GRINENKO, N.V.; KROTOV, A.I.

Combined effect of phenazal and dichlorophen on the imaginal stage of Hymenolepis in white mice. Med. paraz. i paraz. bol. 34 no.1:107-109 Ja-F '65. (MIRA 18:8)

1. Laboratoriya biologii gel'mintov i spetsificheskogo deystviya preparatov Instituta meditsinskoy parazitologii i tropicheskoy meditsiny imeni Ye.I.Martsinovskogo Ministerstva zdravookhraneniya SSSR, Moskva.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, N.V.

Therapy of Taeniarhynchus infestation by phenasal and its combination with other anthelmintics. Med. parazit. i parazit. bol. 33 no.5:599-602 S-O '64. (MIRA 18:2)

1. Gel'mintologicheskiy otdel Instituta meditsinskoy parazitologii i tropicheskoy meditsiny imeni Martsinovskogo Ministerstva zdravookhraneniya SSSR, Moskva.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

ILLEGIBLE

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRIBENKO, N.V.; Prinimala uchastiye: KROTOVA, A.I.

Effect of anthelmintics and their combinations on Cestoda in vitro. Med. paraz. i paraz. bol. 33 no.1:87-92 Ja-F '64 (MIRA 18:1)

1. Otdel gel'mintologii (zav. - prof. V.P. Pod"yapol'skaya) Instituta meditsinskoy parazitologii i tropicheskoy meditsiny imeni Ye. I. Martsinovskogo (direktor - prof. P.G. Sergiyev) Ministerstva zdravookhraneniya SSSR, Moskva.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, N. I., Cand of Tech Sci -- (diss) "Investigation of the Strain in Tractor Frames," Chelyabinsk, 1959, 16 pp (Chelyabinsk Institute of Mechanization and Electrification of Agriculture) (KL, 1-60, 122)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GOKHFEL'D, D.A., kand. tekhn. nauk; GRINENKO, N.I., inzh.; CHERNYSHEV, V.M., inzh.

Investigating static stresses in chassis frames of high power tractors. Sbor. st. CHPI no.11:5-19 '57. (MIRA 11:4)
(Strains and stresses) (Tractors)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, L.N.; ANDREYEVA, M.G.; GAVRILOV, A.M.

Some data on isotope composition in sulfur sulfides of the gold ore deposits of the Baley region (eastern Transbaikalia). Geokhimiia no.3:325-336 Mr '65. (MIRA 18:7)

1. TSentral'nyy nauchno-issledovatel'skiy gerno-razvedochnyy institut redkikh, rasseyannykh i blagorodnykh metallov, Moskva.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

VINOGRADOV, A.P.; GRINENKO, L.N.

Effect of enclosing rocks on the isotopic composition of sulfur in ore sulfides. Geokhimiia no.6:491-499 Je '64. (MIRA 18:7)

1. Institut geokhimii i analiticheskoy khimii imeni Vernadskogo AN SSSR i TSentral'nyy nauchno-issledovatel'skiy gornorazvedochnyy institut redkikh, rasseyannykh i blagorodnykh metallov (TSNIGRI), Moskva.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

SAGATELYAN, E.A.; GRINENKO, L.N.

New data on the isotopic content of sulfur in the pyrites of sulfide deposites in northern Armenia. Dokl. AN Arm. SSR 39 no.1:41-43 '64. (MIRA 17:8)

1. Institut geologicheskikh nauk AN ArmSSR. Predstavleno akademikom AN ArmSSR S.S.Mkrtchyanom.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRIFENKO, L.M.

Isotopic composition of sulfur in sulfides of the Sibay copper pyrite deposit (Southern Urals). Geol.rud.mestorozh. 5 no.4:86-100 Jl-Ag '63. (MIRA 16:9)

1. TSentral'nyy nauchno-issledovatel'skiy gornorazvedochnyy institut tsvetnykh, redkikh i blagorodnykh metallov, Moskva.
(Ural Mountains-- Sulfur Isotopes) (Ural Mountains--Chalcopyrite)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GODLEVSKIY, M.N.; GRINENKO, L.N.

Some data on the sulfur isotope composition of sulfides in the Noril'sk deposit. Geokhimiia no.1:35-40 Ja '63. (MIRA 16:9)

1. Central Scientific Research Institute for Mining and Prospecting.
(Noril'sk region--Sulfur isotopes)
(Noril'sk region--Sulfides)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

PETROVSKAYA, N.V.; GRINENKO, L.N.

Study of the isotope composition of elements in connection with the genesis of ore deposits. Geol.rud.mestorozh. no.2:3-31 Mr-Ap '62. (MIRA 15:4)

1. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR, Moskva, i TSentral'nyy nauchno-issledovatel'skiy gornorazvedochnyy institut, Moskva.
(Ore deposits) (Isotopes)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

Experimenting Sulfur Isotope Analysis in the Investigation [illegible] of the Chalcopyrite Deposit of Uchaly (Southern Ural)

an isotope fractionation by occurrence of oxidation and reduction, particularly by the reaction $H_2S^{34} + S^{32}O_4^{2-} \rightleftarrows H_2S^{32} + S^{34}O_4^{2-}$. There are 1 table and 12 references, 7 of which are Soviet.

ASSOCIATION: Tsentral'nyy nauchno-issledovatel'skiy gornorazvedochnyy institut redkikh, rasseyannykh i blagorodnykh metallov, Moskva (Central Scientific Research Institute for the Prospecting of Rare, Dispersed and Precious Metals, Moscow)

SUBMITTED: July 12, 195[illegible]

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

3(8)

AUTHORS: Petrovskaya, N. V., Grinenko, L. N., Chupakhin, M. S. SOV/7-58-8-3/8

TITLE: Experimenting Sulfur Isotope Analysis in the Investigation of the Chalcopyrite Deposit of Uchaly (Southern Ural) (Opyt primeneniya izotopnogo analiza sery pri izuchenii mednokolchedannogo mestorozhdeniya Uchaly (Yuzhnyy Ural))

PERIODICAL: Geokhimiya, 1958, Nr 8, pp 727 - 734 (USSR)

ABSTRACT: 44 samples of sulfides and sulfates from the Uchaly deposit were examined. The S^{32}/S^{34}-ratio was determined with the mass spectrometer MS-2. Sulfur from the meteorite of Sikhote-Alin' was used as standard, its isotope ratio amounting to 22.20. The results and their deviations from the standard are recorded in a table. The isotope ratios show considerable deviations which do not depend on the type of mineral or on the region. This is indicative of different stages of ore formation. Pyrites of massive and intersparsed ores show the same isotope ratio and therefore can be classified into the same stage of formation. The subsequent copper-zinc mineralization led to

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

USSR/Soil Science - Physical and Chemical Properties of Soil. J.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15284

plots with a high ground water level (25-55 cm from the surface of the soil) showed a free Mn content in the arable layer attaining 112-186 mg per 1 kg of soil. A lag in cabbage growth and a drop in yield was observed in heavily moist soil; plants in thorougly moist plots were distinguished for their higher Mn content. The author comes to the conclusion that it is possible to change the free Mn content in the soil be means of regulating the height of the ground water level.

Card 2/2

Card 1/1

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

USSR/Soil Science - Physical and Chemical Properties of Soil. J.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15284

Author : L.I. Grinenko

Inst :

Title : The Free Manganese Content in Connection with the Water and Air Conditions in Mineral Soils of the Moscow River Bottomland.
(Soderzhaniye podvizhnogo marganetsa v svyazi s usloviyami vodno-vozdushnogo razhima na mineral'nykh pochvakh poymy r. Moskvy).

Orig Pub : Pochvovedeniye, 1956, No 10, 108-109

Abstract : The determination of free manganese (in an extract of 1.0 N of KNO_3 with soil to solution ratio of 1:5) was made from June to October in freshly picked samples of 3 alluvial meadow gley soils plowed in the fall from the Ramenskiy Rayon of Moscow Oblast' which were noted for different ground water levels. In the beginning of June

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

[illegible], L. I.

"Characteristics of the Nutrition and Yield of [illegible] in Various Cities of Moskovskaya Oblast." Cand Agr Sci, Moscow Agricultural Academy imeni K. A. Timiryazev, Moscow, 1954. (KZhBiol, No 8, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

BRYZZHEV, L.D.; GRINENKO, I.V.; NOVGORODOV, Ye.D.; TITOV, V.N.

Piezoelectric tuning forks. Izm. tekh. no.1:46-51 Ja-F '55.
(Piezoelectricity) (MLRA 8:9)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, V.

И. В. Гриненко

Методы повышения до нескольких миллионов добротности кварцевых элементов в форме брусков

Б. А. Фиалгин

О вырожденных колебаниях и дублетном расщеплении собственных частот пьезорезонаторов

К. В. Холятаев

Измерение добротности объемных резонаторов методом сравнения

А. Я. Лейкин

Определение частоты молекулярного генератора методами службы времени

Г. А. Богданова

Исследование стабильности низкочастотного генератора на полупроводниковых триодах

9 июня

(с 18 до 22 часов)

А. Г. Покровский

Новые радиоизмерительные приборы общего применения

38

В. Р. Лопань

Прибор для измерения токов на частотах до 300 Мгц

А. М. Федоров.

Б. Е. Рабинович

Экспериментальное определение высокочастотных погрешностей диодных вольтметров в диапазоне частот до 1000 Мгц

М. М. Левин

Измерение импульсов высокочастотного напряжения с помощью диодного вольтметра

М. И. Грязнов

Измерение амплитуды коротких импульсов

К. Г. Карьянов

Установка для калибровки генераторов ГСС по выходному напряжению в диапазоне частот от 0,1 до 1000 Мгц.

10 июня

(с 10 до 16 часов)

39

report submitted for the Centennial Meeting of the Scientific Technological Society of Radio Engineering and Electrical Communications im. A. S. Popov (VNORIE), Moscow, 8-12 June. 1959

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

24(0); 5(4); 6(2) PHASE I BOOK EXPLOITATION SOV/2215

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

Referaty nauchno-issledovatel'skikh rabot; sbornik No. 2 (Scientific Research Abstracts; Collection of Articles, Nr 2) Moscow, Standartgiz, 1958. 139 p. 1,000 copies printed.

Additional Sponsoring Agency: USSR. Komitet standartov, mer i izmeritel'nykh priborov.

Ed.: S. V. Reshetina; Tech. Ed.: M. A. Kondrat'yeva.

PURPOSE: These reports are intended for scientists, researchers, and engineers engaged in developing standards, measures, and gages for the various industries.

COVERAGE: The volume contains 128 reports on standards of measurement and control. The reports were prepared by scientists of institutes of the Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR (Commission on Standards, Measures, and Measuring Instruments under the USSR Council of Ministers). The participating institutes are: VNIIM - Vsesoyuznyy nauchno-issledovatel'skiy metrologii imeni D.I. Mendeleyeva (All-Union Scientific Research Institute of Metrology imeni D.I. Mendeleyev) in Leningrad; Sverdlovsk branch of this institute; VNIIK - Vsesoyuznyy nauchno-issledovatel'skiy institut Komiteta standartov, mer i izmeritel'nykh priborov (All-Union Scientific Research Institute of the Commission on Standards, Measures, and Measuring Instruments), created from MGIMIP - Moskovskiy gosudarstvennyy institut mer i izmeritel'nykh priborov (Moscow State Institute of Measures and Measuring Instruments) October 1, 1955; VNIIFTRI - Vsesoyuznyy nauchno-issledovatel'skiy institut fiziko-tekhnicheskikh i radiotekhnicheskikh izmereniy (All-Union Scientific Research Institute of Physicotechnical and Radio-engineering Measurements) in Moscow; KhGIMIP - Khar'kovskiy gosudarstvennyy institut mer i izmeritel'nykh priborov (Khar'kov State Institute of Measures and Measuring Instruments); and NGIMIP - Novosibirskiy gosudarstvenyy institut mer i izmeritel'nykh priborov (Novosibirsk State Institute of Measures and Measuring Instruments). No personalities are mentioned. There are no references. SOV/2215

Tovchigrechko, S.S. (VNIIM). Studying Recurrent Errors of Micrometric Screws of Level Triers 45

Solov'yeva, L.A. (VNIIM). Studying the Curvature of the Tube of Levels 45

Bryzzhev, L.D., V.P. Lubentsov, S.M. Okhotina, and F.A. Ospanion (KhGIMIP). Widening the Spectrum of Standard Frequencies Produced by the KhGIMIP Standard Frequency Unit to 10^{-11} Cycles per Second 47

Smagin, A.G. (VNIIFTRI). Quartz Resonator With a Quality Factor of $12.5 \cdot 10^6$ 48

Grinenko, L.V., Ye.D. Novgorodov, N. Kh. Neparidze, T.S. Gumenyuk, Yu. M. Lisin, and A.I. Samoylovich (KhGIMIP). Developing Quartz Elements of Oblique Cut 49

Bryzzhev, L.D., M.D. Sapel'nikov, V.M. Titov, F.P. Yestaf'yev, and V.I. Turenko (KhGIMIP). Developing and Studying Simple and Suitable Oscillators and Convertors of High Stability for Time and Card 10/27

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

BELEVTSEV, G.A.; GAVRILENKO, N.G.; GRINENKO, I.M.; KOROSTIK, P.O.; KOTEL'NIKOV, I.V.; KRASAVTSEV, N.I., kand. tekhn. nauk; MISHCHENKO, N.M.; POPOV, N.N., kand. tekhn. nauk; SEMIK, I.P., kand. tekhn. nauk; TOTSKIY, G.P., kand. tekhn. nauk; SHESTOPALOV, I.I.; Prinimali uchastiye: SOLDATKIN, A.I.; SOLOMKO, V.P.; SOLOMATIN, A.M.; BOLOTSKIY, D.V.; ZAPOROZHETS, N.P.; BESSCHASTNYY, A.Ye.; SHVETS, N.Kh.; LIKHUNIN, S.D.; SHUMSKIY, L.B.; VAS'KOVICH, N.A.; YEROKHINA, A.I.; GELYUKH, B.A.

Desulfuration of pig iron in a fast-revolving and continuous drum. Met. i gornorud. prom. no.4:3-5 Jl-Ag '65. (MIRA 18:10)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

[illegible], G.S.; BAYUNOVA, V.I.; PODOBRAZHNYKH, [illegible]

Cyclization of 5-methyl-3-(p-anisyl)-[illegible]-ketocyclopentane-2-acetic acid and its derivatives. Part 16. Zhur. org. khim. 1 no. 12:2140-2146 D '65 (MIRA [illegible])

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni Ordzhonikidze. Submitted [illegible] 12, 1964.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRUHENKO, G.S., MEN'SHOVA, N.I., SHEVCHENKO, V.I., MAKSIMOV, S.I.

Synthesis of methyl ester of trans-cis-5-methyl-3-(p-methoxyphenyl)-cyclopentan-1-one-2-carboxylic acid.

Part 12. Zhur. org. khim. 1 no. 12:2139-2140 D '65 (MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimico-farmatsevticheskiy institut imeni Ordzhonikidze, Moskva. Submitted November 19, 1964.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

MEN'SHOVA, N.I.; GRINENKO, G.S., MIRONOVA, V.A., MAKSIMOV, V.I.

N-butylamide and piperidide of 3-(p-methoxyphenyl)-1-cyclopentanone-2-carboxylic acid. Part 13. Zhur. org. khim. 1 no.8 1370-1375 Ag '65. (MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni Ordzhonikidze.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, G. S.; MEN'SHOVA, N. I.; MAKSIMOV, V. I.

Part 12. Methyl ester of 3-(p-methoxyphenyl)-1-cyclopentanone -5-carboxylic acid. Zhur. ob. Khim. 34 no.6:1970-1976 Je '64. (MIRA 17:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, G.S.; MAKSIMOV, V.I.; AKSENOVA, V.I.

Part 10: By-products of the Reformatskii reaction. Zhur. ob.khim. 31 no.8:2735-2739 Ag '61. (MIRA 14:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut im. S. Ordzhonikidze.
(Reformatskii reaction)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, G.S.; MAKSIMOV, V.I.

Investigations into the synthesis of sterane compounds. Med. prom. 15 no.2:50-56 F '61. (MIRA 14:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze.
(PREGNADIENEDIONE)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, G.S.; MAKSIMOV, V.I.; AKSENOVA, V.I.

Synthesis of trans-1-hydroxy-1-acetoxyacetyl-6-acetoxy-4,5 (4'-methoxybenzo)hydrindan, an analog of corticoid hormones. Dokl.AN SSSR 133 no.1:102-105 Jl '60. (MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze. Predstavleno akademikom M.M.Shemyakinym.
(Indan) (Corticosteroids)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

Study in the Field of Synthesis of the Analogs of Steroid Hormones. IX

Saponification of [illegible] IX yields the acid X (mp [illegible]), which upon hydrogenation gives the [illegible] XI (mp [illegible]). There are [illegible] references, [illegible] Soviet, [illegible] German, [illegible] U.S. The U.S. references are: D. [illegible], H. Weinstein, J. Am. Chem. Soc., [illegible] ([illegible]); K. [illegible], J. Am. Chem. Soc., [illegible] ([illegible]).

ASSOCIATION: S. Ordzhonikidze All-Union Scientific Research Chemical Pharmaceutical Institute (Vsesoyuznyy [illegible] Institut [illegible])

SUBMITTED: [illegible]

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

ILLEGIBLE

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

ILLEGIBLE

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

ILLEGIBLE

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

Study on the Synthesis of Analogues of Steroid Hormones. VII. Synthesis of the Trans- $\Delta^{4,9}$-steradienone-3

SOV/79-29-6-61/72

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze (All-Union Scientific Chemical-pharmaceutical Research Institute imeni S. Ordzhonikidze)

SUBMITTED: June 2, 1958

Card 3/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

Study on the Synthesis of Analogues of Steroid Hormones. VII. Synthesis of the Trans- $\Delta^{4,9}$-steradienone-3 SOV/79-29-6-61/72

product, obtained by such an excess of lithium, points to the presence of only 1 % of the original product (II) (Fig 1, Curve 3); when using 50 mol lithium (Curve 2) 21-22 % of not-reduced original ether (II) remained. For comparison the spectrum of the compound (II) before the reduction was given on figure 1 (Curve 1). It was proved that the reduction of the aromatic ring in cis- and trans-4-oxy-6-methoxy-1,2-cyclopentane-1,2,3,4-tetrahydronaphthalene (VIII) and (II) with lithium in liquid ammonia and alcohol is accompanied by a hydrogenolysis of α-hydroxyl with a nearly quantitative yield. The cis- and trans-4-keto-6-methoxy-1,2-cyclopentane-1,2,3,4-tetrahydronaphthalene (I) were not reduced by lithium under the above conditions, not even by 50 mol lithium. The reduction of the carbonyl group in the cis- as well as in the trans-ketone takes place only by formation of an epimeric alcohol. There are 2 figures, 2 tables, and 7 references, 1 of which is Soviet.

Card 2/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

5(3)

AUTHORS: Maksimov, V. I., Grinenko, G. S. SOV/79-29-6-61/72

TITLE: Study on the Synthesis of Analogues of Steroid Hormones (Issledovaniye v oblasti sinteza analogov steroidnykh gormonov). VII. Synthesis of the Trans- $\Delta^{4,9}$-steradienone-3 (VII. Sintez trans- $\Delta^{4,9}$-steradienona-3)

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 6, pp 2056-2062 (USSR)

ABSTRACT: Among the analogues of steroid hormones synthesized by the authors, trans-$\Delta^{4,9}$-steradienone 3 (VI), according to scheme 1 was obtained. This synthesis of steradienone (VI) from trans-cyclic ketone (I) (Ref 1) consists of two main stages: of the reduction of aromatic ring B and of the building up of ring A. The reduction of the aromatic nucleus was effected, according to A. L. Wilds (Ref 2) by lithium in liquid ammonia and alcohol. This scientist used 30 mol lithium as a reducing agent for stable compounds. After reduction of the carbonyl group of ketone (I) to the alcohol group, the saturation of the aromatic ring was achieved with quantitative yield, by applying 50 mol lithium. The ultraviolet absorption spectra of the reduction

Card 1/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

MAKSIMOV, V.I.; GRINENKO, G.S.

Synthesis of steroid hormone analogs. Part 6: Cyclization of trans-3-(m -metnoxyphenyl)-cyclopentan-2-on acetic acid and derivatives. Zhur. ob. khim. 28 no. 8:2182-2187 Ag '58. (MIRA 11:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S.Ordzhonikidze.
(Steroids)
(Acetic acid)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

Investigation of the Synthesis of the Steroid Hormone Analogs. V. Synthesis of Some Compounds of the Cyclopentanetetrahydronaphthalene Series SOV/79-28-8-39/66

SUBMITTED: June 28, 1957

Card 3/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

Investigation of the Synthesis of the Steroid Hormone Analogs. V.Synthesis of Some Compounds of the Cyclopentanetetrahydronaphthalene Series SOV/79-28-8-39/66

cis-acid (I) yielded nearly quantitati y the cis-tricyclic ketone (II), the trans-acid (V), however, yielded 70% only of the trans-tricyclic ketone. Compound (I) and its semicarbazone have low melting points and are ore readily soluble than the corresponding compounds o the trans-series. This is in accord with the well-known fact, at a trans-isomer as a rule, melts at higher temperature and is ess soluble. The various tendencies towards cyclization of the cis- and trans-acids (I), (V), the physical constants and solubilities of the tricyclic compounds produced from these acids confirm the accuracy of the suggested configuration (Ref 1). There are 4 references, 1 of which is Soviet.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S.Ordzhonikidze (All-Union Scientific Chemical-Pharmaceutical Research Institute im. S.Ordzhonikidze)

Card 2/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

AUTHORS: Maksimov, V. I., Grinenko, G. S. SOV/79-28-8-39/66

TITLE: Investigation of the Synthesis of the Steroid Hormone Analogs (Issledovaniye v oblasti sinteza analogov steroidnykh gormonov) V. Synthesis of Some Compounds of the Cyclopentanetetrahydronaphthalene Series (V. Sintez nekotorykh soyedineniy tsiklopentanotetragidronaftalinovogo ryada)

PERIODICAL: Zhurnal obshchey khimii, 1958, Vol. 28, Nr 8, pp. 2179 - 2182 (USSR)

ABSTRACT: Investigating the synthesis of the analogs of the steroid hormones the authors found tricyclic compounds which contain the rings B,C and D of the steroid nucleus. The cis- and trans-4-keto-6-methoxy-1,2-cyclopentane-1,2,3,4-tetrahydronaphthalene, (II) and (IV), were formed at the intramolecular acylation of the cis-and trans-isomers of the 2-(p-methoxyphenyl)-cyclopentane-1-acetic acid (I,V) (Ref 1). The cyclization occurred according to three methods: Under the influence of the polyphosphoric acid, of hydrogen fluoride and according to Friedel-Crafts (Fridel'-Krafts), using tin (II) chloride as condensing agent. In any case, the

Card 1/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

Investigations in the Field of the Steroid Hormone Analogs 79-2-56/64

of an alcohol intermediate product confirms the mechanism of the catalytic hydrogenation of α, β-unsaturated ketones mentioned before. Detailed data of preparation as well as structural formulae are given.
There are 7 references, 1 of which is Slavic.

ASSOCIATION: All-Union Chemical-Pharmaceutical Scientific Research Institut (Vsesoyuznyy nauchnoissledovatel'skiy khimiko-farmatsevticheskiy institut)

SUBMITTED: November 1, 1957

AVAILABLE: Library of Congress

Card 3/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

Investigations in the Field of the Steroid Hormone Analogs 79-2-16/64

cyclopentane-1-on-2-acetic acid (I), lactones of the syn-cis-3 (p-methoxy phenyl)-cyclopentane-1-on-2-acetic acid (II) and cis-2-(p-methoxy phenyl)-cyclopentane-1-acetic acid (III) were obtained in alkaline or neutral medium while the latter occurred only in acid medium. The verification of the cis-configuration of (III) was carried out according to a method by Klemmens modified by Martin (ref. 4). The syn-cis-configuration of (II) was by verified the reduction of the carbonyl group of (I) with Na-boron hydride on which occasion the reaction took place stereo-directed. On this occasion 73.6 % of an anti-trans-oxy-acid (melting point of 87°C) and 24% of an anti-cis-oxy-acid was formed which was isolated as lactone (melting point 141-142°C). Since the first also after an action of longer duration did not lactonize it proves the anti-trans-configuration corresponding to the Alder-Stein theorem (ref. 5). The results of hydrogenation obtained correspond to the propositions made by Weidlich (ref. 1) and Teilacker and Drüssler (ref. 6). Hydrogen addition may take place on the double bond C=C or C=O. Since hydrogenation in the acid medium is possible only according to the second method no saturated ketones can be obtained. The isolation

Card 2/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

Grinenko, G. S.

79-1-56/58

AUTHORS: Grinenko, G. S., Maksimov, V. I.

TITLE: Investigations in the Field of the Steroid Hormone Analogs (Issledovaniya v oblasti analogov steroidnykh gormonov). IV. On the Catalytic Hydrogenation of the 3-(p-Methoxy Phenyl)- Δ^2 Cyclopentene-1-on-2-Acetic Acid (IV. O kataliticheskom gidrirovanii 3-(p-metoksifenil)- Δ^2-tsiklopenten-1-on-2-uksusnoy kisloty).

PERIODICAL: Zhurnal Obshchey Khimii, 1958, Vol. 28, Nr 2, pp. 552-558 (USSR)

ABSTRACT: In the works by Weidlich it was found (ref. 1) that on the occasion of the production of the α, β-unsaturated ketones, under the presence of a Pd-catalyst mainly transketone occurs in the alcoholic or neutral medium, while cis-ketone is produced in the acid medium. This agrees with the observations made by Zal'kind (ref. 2) and Otto (ref. 3) that on the occasion of fast hydrogenation (in the acid medium) the cis-isomer with greater energy occurs while on the occasion of the prolongation of the reaction (in the alkaline medium) the trans isomer with less energy is formed to an increased extent. On the occasion of hydrogenation of the acid quoted in the title trans-2-(p-methoxy phenyl)-

Card 1/3

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

Investigations in the Field of the Synthesis of Steroid Hormone Analogs. 79-2-33/64
III. The Production of 3-(p-Methoxy Phenyl)- Δ^2-Cyclopentene-1-on-2-Acetic Acid

Robinson and Terner. The methyl ether obtained from the acid, however, had its melting point at 88-89°C as already given in technical literature. The acid quoted in the title was synthesized also according to the method by Robinson, however, also a melting point of 145.5 - 146°C was obtained. The spectroscopic investigations of the acids obtained by both methods with the melting point 145.5 - 146°C confirm the acid quoted in the title. Apparently Robinson and Terner obtained an other polymorphous modification melting at 133°C. Detailed date of preparation are given.
There are 1 figure, and 6 references, 1 of which is Slavic.

ASSOCIATION: All-Union Chemical-Pharmaceutical Scientific Research Institute imeni S. Ordzhonikidze (Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut im. S. Ordzhonikidze).

SUBMITTED: November 1, 1957

AVAILABLE: Library of Congress

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, G. S.

79-2-55/64

AUTHORS: Grinenko, G. S., Maksimov, V. I.

TITLE: Investigations in the Field of the Synthesis of Steroid Hormone Analogs (Issledovaniya v oblasti sinteza analogov steroidnykh gormonov).
III. The Production of 3-(p-Methoxy Phenyl)- Δ^2-Cyclopentene-1-on-2-Acetic Acid (III. Polucheniye 3-(p-metoksifenil) - Δ^2-tsiklopenten-1-on-2-uksusnoy kisloty).

PERIODICAL: Zhurnal Obshchey Khimii, 1958, Vol. 28, Nr 2, pp. 528-531 (USSR)

ABSTRACT: The acid quoted in the title was produced by Robinson (ref. 1) and later by Terner (ref. 2) and had its melting point at 133°C. The present work treats the synthesis of this acid according to data given by Robinson, as well as according to an own new method based on a proposition by Borsche (ref. 3) on the synthesis of Δ^2 - 3-phenyl cyclopentanone. p-methoxy-ω-bromoacetophenone and the diethyl ether of the β-keto adipinic acid served as basic products. The latter was produced by an alterated method by Riegel and Lilienfeld (ref. 5). The melting point of the produced acid was 145.5 - 146°C, i.e. by 12 - 13° higher than that obtained by

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

Grinenko, G.S. + Etc.

4
1-4E4j

2/2

The trans isomer condensed with $AcCH:CH_2$ in the presence of $BrONa$ in alc. dioxane at −5° gave the resulting alkol which was sepd. from the starting material by chromatography on Al_2O_3 and after heating with alc. NaOH gave the dehydration product, *trans-4,4-meradion-3-one*, m. 253.5-4°, sk oil, λ 300 mμ, *4,4-dimethylhydrazone*, m. 253.5-4°. Intramol. acylation of I (HF or $AlCl_3$) gave 85% or 10-15%, resp., anti-lactone, b.$_{10}$ 148-50°, λ 275 mμ, stable to soln. and 4 NaOH at room temp., but cleaved to I on heating 1 hr. with alc. NaOH. I Me ester with $(CH_2OH)_2$ in the presence of p-$MeC_6H_4SO_3H$ followed by alk. hydrolysis gave *trans-4-(p-methoxyphenyl)-1-cyclopentanon-4-acetic acid, alcohol*, *lactol*, m. 123-4°; cyclization of this with HF gave 100% substance insol. in Na_2CO_3 but sol. in NaOH; the substance could not be distd.; acidification of basic soln. gave I. The analysis indicates the formula $C_{14}H_{18}O_4$, as in the starting material, and infrared spectrum shows a carbonyl group (1738 cm.$^{-1}$) and HO group (3440 cm.$^{-1}$), on which basis the structure of this substance appears to be *8-(p-methoxyphenyl)-8-(2-hydroxyethoxy)-1-oxo-1-hydroxybicyclo[0.3.3]octane*, with ketene it gave the acetate, undistillable oil. Attempted cyclization of *anti-trans-3-(p-methoxyphenyl)-1-acetoxy-2-cyclopentylacetic acid* also failed. Reduction of CO group in I with $NaBH_4$ gave 78.6% *anti-trans-4-(p-methoxyphenyl)-1-hydroxy-1-cyclopentylacetic acid*, m. 98-7°, and 24% *anti-cis acid*, isolated as the *lactone*, m. 141-2°. The anti-trans isomer gave the acetate, m. 61.5-2.5°, which on cyclization ($AlCl_3$, HF or polyphosphoric acid) gave only the above lactone, m. 141-2°, apparently owing to Walden inversion at the HO-bearing C atom.

G. M. Kosolapoff

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRIMENKO, G. S.

Synthesis of trans-4-(3-methoxy-1-cyclo[illegible] G. S. Grimenko and V. I. [illegible] (Institute of Organic Chemistry, Academy of Sciences, Ukrainian SSR, Kiev). Doklady Akad. Nauk Ukrainskoi SSR 12, 1052-60(1957). — 2-p-Methoxyphenyl-1-cyclopentene-1-acetic acid (I), m. 145.5-6° (cf. Robinson and Weyand, C.A. 45, 6965) (Me ester, m. 88-9°, λ 233, 301 mμ), 238 and 301 mμ. Hydrogenation of the acid over Pd-CaCO3 in AcOH or neutral medium gave trans-2-(p-methoxyphenyl)cyclopentane-1-acetic acid (II), m. 100.5-7.5°, 2.5% cis-2-(p-methoxyphenyl)cyclopentane-1-acetic acid (IIa), m. 75-4, and 5.8% isomer of cis-type 2-(p-methoxyphenyl)-cyclopentane-1-(or 2)-acetic acid, m. 67-8°. If the hydrogenation is run in acid medium over Pd-C or Pd-BaSO4, only the cis acid was formed, m. 75-4°. Clemmensen reduction of I gave trans-2-(p-methoxyphenyl)cyclopent-1-ylacetic acid (IIIa), m. 85-6°, a diastereomer of the acid from the hydrogenation described above. Acylation (polyphosphoric acid, HF or AlCl3) of II gave 100% cis-4-oxo-6-methoxy-1,2-cyclopentano-1,2,3,4-tetrahydronaphthalene (III), m. 87-8°, λ 250 mμ, while similar treatment of IIa gave trans-III, m. 95.5-8.5°, λ 250 mμ, in 70% yield. Reduction of the aromatic ring in III with Li in NH3 and EtOH failed to take place even with large excess of Li. Reductions of the carbonyl groups gave, however, 100% cis-4-hydroxy-6-methoxy-1,2-cyclopentano-1,2,3,4-tetrahydronaphthalene, m. 72-3°, and 100% trans-cis, m. 92-3°, resp. Reduction of the aromatic rings in these with 30 moles Li gave 80% dihydro deriv., and with 60 equivs. Li the reduction was complete yielding 6-methoxy-1,2-cyclopentano-1,2,3,4,5,8-hexahydronaphthalene, whose enol ethers were hydrolyzed and isomerized by warming with aq. HCl yielding trans-1,3-cyclopentano-1-(6-methoxyhydronaphthalene, m. 54-5°, λ 239 mμ (2,4-dinitrophenylhydrazone, m. 202-3.5°), and the cis-isomer, [illegible] 107-11°, λ 244 mμ (2,4-dinitrophenylhydrazone, m. 173-5°, [illegible]

4
1-84-1
9

1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, G.S.

Studies on the synthesis of cyclopentanoperhydrophenanthrene compounds. Med. prom. 11 no.2:23-29 F '57 (MLRA 10:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy khimiko-farmatsevticheskiy institut imeni S. Ordzhonikidze.
(CHEMISTRY, ORGANIC--SYNTHESIS) (STEROIDS)
(PHENANTHRENE)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

[illegible], [illegible]

[illegible], [illegible]: "Investigation of the synthesis of cyclopentane perhydrophenanthrene compounds." Min [illegible] USSR. All-Union Sci Res Chemicopharmaceutical Inst imeni S. Ordzhonikidze ([illegible]). Moscow, 1956. (Dissertation for the Degree of Candidate in Chemical Sciences)

Knizhnaya l topis', No. 39, 1956. Moscow.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO G.R.

PIMENOV, Aleksandr Nikolayevich, dotsent; GRINENKO, G.R., inzhener, retsenzent; KUTUKOV, G.M., inzhener, retsenzent, redaktor; PITERMAN, Ye.L., redaktor; KOLESNIKOVA, A.P., tekhnicheskiy redaktor.

[Equipment and machinery for timber rafting] Mekhanizmy i mashiny na lesosplave. Moskva, Goslesbumizdat, 1954. 419 p.
(Lumbering--Machinery) (MLRA 7:11)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

GRINENKO, G., polkovnik

The leader of a group and the ideological hardening of officers. Komm. Vooruzh. Sil 4 no.12:26-31 Je '64. (MIRA 17:9)

1. Nachal'nik otdela propagandy i agitatsii politicheskogo upravleniya Turkestanskogo voyennogo okruga.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

ANTONISHIN, V.I.; GRINENKO, B.S.

Sulfonation of asphaltenes. Izv. vys. ucheb. zav., neft' i gaz. 8 no.5:47-49 '65. (MIRA 18:7)

1. L'vovskiy politekhnicheskiy institut.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

L 62912-65

ACCESSION NR: AP5019288

dicarboxylic acids are formed at a relatively slow rate; as the process continues, these acids increase in number, but they are oxidized to compounds of lower molecular weight; as the duration of the oxidation increases from 3 to 20 hr, the amount of high-molecular acids decreases by a factor of over 2, and the amount of impurities (various compounds including nitro acids and nitro compounds, esters, ester acids and other compounds soluble in nitric acid) jumps from 11.3 to 52.9%. To obtain completely white crystals, the solution of dicarboxylic acids in ethyl ether should be cooled down to ≤3-5C, and the separated white crystals should be filtered off and washed with pure ether; purification by extraction gives negative results. Orig. art. has: 5 tables.

ASSOCIATION: L'vovskiy politekhnicheskiy institut (L'vov Polytechnic Institute)

SUBMITTED: 00 ENCL: 00 SUB CODE: OC

NO REF SOV: 002 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

L 62912-65 EWT(m) RM

ACCESSION NR: AP5019288 UR/0332/65/000/007/0024/0027
665.3/35:668.1

13
12
B

AUTHOR: Kolosyuk, D. S.; Grinenko, B. S. (Doctor of technical sciences)

TITLE: Study of aliphatic dicarboxylic acids obtained by oxidizing still residues

SOURCE: Maslozhirovaya promyshlennost', no. 7, 1965, 24-27

TOPIC TAGS: dicarboxylic acid, still residue, fatty acid

ABSTRACT: The composition of dicarboxylic acids obtained by oxidizing still residues from the rectification of fatty acids with nitric acid was studied as a function of the oxidizing conditions (amount of HNO_3 expended). The individual composition of the dicarboxylic acids was determined by partition chromatography. It was found that a change in HNO_3 concentration does not appreciably affect the content of the dicarboxylic acids, but does have a considerable effect on their composition. The maximum yield of dicarboxylic acids above glutaric acid is obtained by oxidizing the residues with 40-58% HNO_3. As the temperature of the oxidation rises from 65 to 95C, the content of dicarboxylic acids increases by a factor of 2, but a further rise to 150C decreases this content. A study of the effect of oxidation time at 95C using 58% HNO_3 showed that during the early stages of the oxidation, the

Card 1/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

KOLOCYUK, D.S.; GRINENKO, B.S.

Using nitrous acid for oxidizing still residues under increased pressures. Neft. i gaz. prom. 3:53-57 Jl-S '65. (MIRA 18:11)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

PROKOPETS, [illegible], [illegible], B.S.

[illegible] composition of crude on the yield and quality of [illegible]. Neft. i gaz. prom. no. [illegible]-57 Ap Je '65.
(MIRA 18:[illegible])

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6

PROKOFEV, M.M.; GRINENKO, B.S.

Composition of the liquid cracking products of a dearomatized kerosine fraction. Neft. i gaz. prom. no.3 52-53 [illegible] '64.
(MIRA 17:1[illegible])

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000616900042-6