

CHISTIK, A. A.

Chistik, A. A. - "Crass mixtures on sloping ground subject to erosion." Sbornik rabot
Kurskoy obl. kompleks. s.-kh. o yt. stantsii. Kursk, 19 9. p. 70-85

SO: U-4934, 20 Oct 53, (Letopis '4hurnal 'nykh Stately, No. 16, 1949):

PARKHOMOVSKIY, M.V., vrach; CHISTIK, I.Ya., vrach

Our observations on the use of ACTH and cortisone in the treatment of some types of eye injuries. Oft. zhur. 15 no.1:16-20 '60.

(MIRA 13:5)

1. Iz glaznogo otdeleniya Novo-Ekonomicheskoy bol'nitsy Stalinskoy oblasti.

(WYE--WOUNDS AND INJURIES)

(ACTH)

CHISTIK, T.A.

~~Hypericum perforatum~~ as anthelmintic used in hymenolepidosis and enterobiosis; author's abstract. Farm. i toks. 20 no.6:76-77
N-D '57 (MIRA 11:6)

1. Kafedra farmakologii (zav. - dots. A.A. Tyurina) i kafedra biologii i meditsinskoy parazitologii (zav. - zaslyzhennyy deyatel' nauki prof. N.P. Levorkov) Kurskogo gosudarstvennogo meditsinskogo instituta.

(TYPEWORM INFECTION, therapy

hymenolepidosis, Hypericum perforatum prep. (Rus))

(OKYURIASIS, therapy

Hypericum perforatum pre. (Rus))

(ANTHELMINTICS, ther. use,

Hypericum perforatum in enterobiosis & hymenolepidosis
(Rus))

KHIMICH, A.M.; CHISTIK, V.P.

Automatic machine for welding girth joints in carbon dioxide.
Avtom. avar. 16 no.4:65-66 Ap '63. (MIRA 16:4)

1. Zaporozhskiy transformatornyy zavod.
(Electric welding—Equipment and supplies) (Protective atmosphere)

KHIMICH, L.M.; CHISTIK, V.P.

Equipment for welding USF-7.5/30-type filters. Avtom. svar.
16 no.7:76-77 JI '63. (MIRA 16:8)

1. Zaporozhskiy transformatornyy zavod.
(Filters and filtration)
(Electric welding--Equipment and supplies)

CHISTIKHIN, V. S.

Modified model of the Jackson bronchoscope for bronchoscopy and
bronchography under anesthesia with automatic respiration. Grad.
khir. no.2:106-109 '62. (MIRA 15:4)

(BRONCHOSCOPE) (ANESTHESIA) (ARTIFICIAL RESPIRATION)

CHISTIKHIN, V.S.

Bronchoscopy under intravenous and inhalation anesthesia with
automatic respiration. Sov. med. 27 no.8:104-107 Ag '64.
(MIRA 18:3)

CHISTIKINIA, P. I.

"The Problem of the Origin of Cystoliths (in Relation to the Problem of Mycotrophy of Crop Plants)." Cand Biol Sci, Voronezh State Pedagogical Inst, Voronezh, 1953. (RZhBiol, No 8, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR
Higher Educational Institutions (12)

SO: Sum. No. 556, 24 Jun 55

CHISTIKINA, F.I.

Origin of cystoliths. Bot. zhur. 46 no.9:1237-1245 S '61.
(MIRA 14:9)

1. Tyumenskiy gosudarstvennyy pedagogicheskiy institut.
(Plant cells and tissues)

LIVANOVA, O.V.; FREIDMAN, M.L., inzh.; CHISTIKOV, A.P., inzh.

Joint coasting of turbogenerators and auxiliaries of electric power stations. Elek. sta. 30 no.2:43-49 F '59.

(MIRA 12:3)

(Electric power plants) (Turbogenerators)

DOLINA, V.I., inzh.; RAKSTYN'SH, I.E.; CHISTIKOV, A.P., inzh.

Composite oscillograph with twelve vibrators based on a portable
three-vibrator oscillograph. Trudy VNIIE no.8:264-272 '59.
(MIRA 13:9)

(Oscillograph)

SIROTA, G.P.; CHISTIKOV, D.D.

Pasteurellosis in rooks. Veterinariia 40 no.5:42 My '63. (MIRA 17:1)

1. Khersenskayay oblastnaya veterinarno-bakteriologicheskaya labora-
toriya.

ACHKASOVA, I.O.; GAIKINA, A.G.; YEFREMOV, I.I.; SMAKHTINA, Yu.B.; KOMISSAROVA,
M.I.; SOVETOVA, L.Ye.; CHISTIKOVA, A.I.; SHAKHOVA, A.N.

Effectiveness of ambulatory treatment of cholelithiasis patients
at Zheleznovodsk Health Resort. Sbor. nauch. rab. vrach. san.-kur.
uchr. profsciuzov no.1:121-125 '64.

(MIRA 18:10)

1. Zheleznodorozhnaya kurortnaya poliklinika (glavnyy vrach I.I.
Yefremov).

CHISTILIN, P.G.

Portable sand-preparation drum, model 126. Lit. proizv.
no. 8:20 Ag '60. (MIPA 14:2)
(Sand, Foundry)

CHISTILIN, V.

Device for checking brakes. Avt.transp. 40 no.9:57 S '62.
(MIRA 15:9)

1. Sverdlovskiy avtodorozhnyy tekhnikum.
(Motor vehicles—Brakes)

CHISTOKHVALOV, V.A.

Leonid TSitovich, leader of a brigade of communist labor. Mashinos-
troitel' no.9:30 S '60. (MIRA 13:9)
(Efficiency, Industrial)

BEVZ, Nikolay Sidorovich; PERFIL'YEV, Andrey Il'ich; CHERNYSHOVA,
Yelena Vladimirovna [deceased]; CHISTOKLETOV, Grigoriy
Fedorovich; VOROTNIKOVA, R.V., red.

[Geography of Voronezh Province; textbook for grade 8]
Geografiia Voronezhskoi oblasti; uchebnoe posobie dlia
8-kh klassov. Izd.2., ispr. i dop. Voronezh, TSentral'no-
chernozemnoe knizhnoe izd-vo, 1965. 81 p. (MIRA 19:1)

CHISTOKLETOV, Petr Dmitriyevich; LYAMBEK, V.A., red.; TRUKHANOVA,
A.N., red.

[Collection of accounting problems on collective farms;
a comprehensive problem] Sbornik zadach po bukhgalter-
skomu uchetu v kolkhozakh; skvoznaia zadacha. Moskva,
Statistika, 1964. 134 p. (MIRA 18:1)

CHISTOKLETOV, Petr Dmitriyevich; LYAMBEK, V.A., red.; TRUKHANOVA,
A.N., red.

[Collection of problems in accounting on collective farms]
Sbornik zadach po bukhgalterskomu uchetu v kolkhozakh. Mo-
skva, Statistika, 1964. 223 p. (MIRA 18:7)

ZEZYULINSKIY, V.F.; CHISTOKLETOV, P.F.

All hidden potentials in the economy of electric power should
be fully utilized. Elek. i tepl. tiaga 7 no.3:4-5 Mr '63.
(MIRA 16:6)

1. Predsedatel' otraslevoy sektsii elektrifikatsii i energetiki
Nauchno-tekhnicheskogo obshchestva Pridneprovskoy dorogi
(for Zezyulinskiy).

(Electric power)

(Electric railroads—Current supply)

S/020/60/135/003/031/039
B016/B054

AUTHORS: Chistokletov, V. N., Troshchenko, A. T., and Petrov, A. A.

TITLE: Interaction of Vinyl Acetylene¹ and Its Homologues With
Benzonitrile Oxide 7

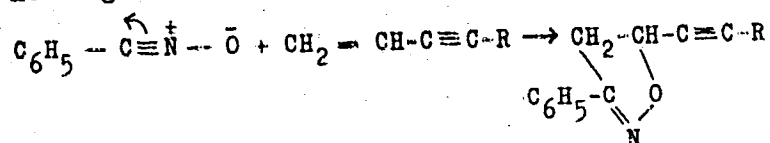
PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 135, No. 3,
pp. 631 - 633

TEXT: The authors report on their experiments to clarify the mode of addition of benzonitrile oxide to enin hydrocarbons. Further, they tried to produce, in this way, crystalline derivatives suitable to identify enin hydrocarbons. The experiments showed that benzonitrile oxide can be only added to the double bond of a) vinyl acetylene, b) vinyl-methyl acetylene, and c) vinyl-ethyl acetylene. 3-phenyl-5-ethinyl-2-isoxazoline (I) is formed in case a), 3-phenyl-5-methyl-ethinyl-2-isoxazoline (II) in case b), and 3-phenyl-5-ethyl-ethinyl-2-isoxazoline (III) in case c), according to the following scheme:

Card 1/3

Interaction of Vinyl Acetylene and Its
Homologues With Benzonitrile Oxide

S/020/60/135/003/031/039
B016/B054



where R=H (I), CH₃- (II), or C₂H₅- (III). The structure of the resulting substances (I)-(III) was determined by the following methods: on the basis of infrared spectra; by the mercury method in the case of substance (I). The same 3-phenyl-2-isoxazoline-5-carboxylic acid was obtained from all three substances by oxidation with alkaline potassium permanganate solution. The authors think it probable that benzonitrile oxide (like diazomethane, Ref.1) is added as a nucleophilic reagent to the double bond of enin hydrocarbons. All three substances synthesized are crystalline and well suited to identify the initial enin hydrocarbons. The reaction mentioned at the beginning may also serve as a passable method of producing isoxazolines with acetylene radicals. There are 1 figure and 6 references: 2 Soviet, 1 US, and 3 Italian.

Card 2/3

BAICHENKO, S.I.; CHISTOKIETOV, V.N.; PETROV, A.A.

1,3-Bispolar addition to unsaturated compounds. Part 9: Addition of
1,3-diphenylnitrilamine to alkylthioacetynes and their analogs. Zhur.
org. khim. 1 no.1:51-57 Ja '65. (MIRA 18:5)

1. Leningradskiy tekhnologicheskoy institut imeni Lensoveda.

CHISTOKLETOV, V.N.; VAGINA, L.K.; PETROV, A.A.

Bipolar addition to unsaturated compounds. Part 10: Addition
of α ,N-diphenylnitrone to vinylacetylene compounds. Zhur.org.
khim. 1 no.2:369-375 F '65. (MIRA 18:4)

1. Leningradskiy tekhnologicheskij institut imeni Lensovetu.

RADCHENKO, S.I.; CHISTOKLETOV, V.N.; PETROV, A.A.

1,3 Bipolar addition to unsaturated compounds. Part 12: Addition of benzonitrile N-oxide and α ,N-diphenylnitrone to alkyl thioenynes and their analogs. Zhur. ob. khim. 35 no.10:1735-1739 O '65. (MIRA 18:10)

1. Leningradskiy tekhnologicheskii institut imeni Lensoвета.

VAGINA, L.K.; CHISTOKLETOV, V.N.; PETROV, A.A.

1,3-Bipolar addition to unsaturated compounds. Part 11: Interaction
of 3-phenylsydnone with conjugated enynes and dienes. Zhur. org.
khim. 1 no.9:1700-1703 S '65. (MIRA 18:12)

1. Leningradskiy tekhnologicheskii institut imeni Lensoveta.
Submitted June 22, 1964.

CHISTOV, V. N.; TROSHCHENKO, A. T.; PETROV, A. A.

addition of benzonitrile oxide to unsaturated compounds.
Part 5: Addition of benzonitrile oxide to isoalkenyl- and
cycloalkenylacetylenes. Zhur. ob. Khim. 34 no.6:1891-1896
Je '64. (MIRA 17:7)
Leningradskiy tekhnologicheskij institut imeni Leningrada.

CHISTOKLETOV, V.N.; PETROV, A.A.

Addition of nitrones to enyne hydrocarbons. Zhur.ob.khim. 32
no.7:2385-2386 JI '62. (MIRA 15:7)

1. Leningradskiy tekhnologicheskii institut imeni Lensovetz.
(Nitron) (Hydrocarbons)

CHISTOKLETOV, V.N.; TROSHCHENKO, A.T.

Addition of benzonitrile oxide to unsaturated compounds. Report
No.2: Addition of benzonitrile oxide to diene hydrocarbons and
halo derivatives of unsaturated hydrocarbons. Izv. SO AN SSSR
no.3 Ser. khim. nauk no.1:147-151 '63. (MIRA 16:8)

1. Leningradskiy tekhnologicheskoy institut im. Lensovetu i
Novosibirskiy institut organicheskoy khimii.
(Benzonitrile) (Hydrocarbons)

CHISTOKLETOV, V.N.; TROSHCHENKO, A.T.; PETROV, A.A.

Addition of benzonitrile oxide to unsaturated compounds.
Part 3; Interaction of benzonitrile oxide with vinylacetylenes
substituted in a vinyl group in β -position. Zhur.ob.khim.
33 no.3:789-793 Mr '63. (MIRA 16:3)

1. Leningradskiy tekhnologicheskii institut imeni Leningveta.
(Benzonitrile) (Butenyne)

CHISTOKLETOV, V.N.; TROSHCHENKO, A.T.; PETROV, A.A.

Addition of benzonitrile oxide to unsaturated compounds. Part 4:
Condensation of benzonitrile oxide with substances containing
a vinylacetylene grouping. Zhur. ob. khim. 33 no.8:2555-2559
Ag '63. (MIRA 16:11)

1. Leningradskiy tekhnologicheskij institut imeni Lensoveta.

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