

MININA, S.A.

Pharmacology of preparations made of Tangut scopolia grown in
Leningrad Province; author's abstract. *Farm. i toke.* 21 no.1:81
Ja-F '58. (MIRA 11:4)

1. Kafedra farmakologii (zav.-doktor med.nauk T.A. Mel'nikova) i kafedra
tehnologii galenovykh preparatov (zav.-dots. Yu.K. Sander)
Leningradskogo khimiko-farmatsevticheskogo instituta.
(SCOPOLIA--PHYSIOLOGICAL EFFECT)

MININA, S. A., CAND PHARM SCI, "^{Study}~~INVESTIGATION~~ OF SCOPOLIA
TAUOUTICA (SCOPOLIA TAUOUTICA MAXIM)^U CULTIVATED IN LENIN-
GRADSKAYA OBLAST." LENINGRAD, 1961. (TARTU STATE UNIV).
(KL, 3-61, 237).

MININA, S.A.; ADUYEVSKAYA, G.I.

Study of the alkaloid content of the bladderwort *Physochlaina orientalis* Don. Apt.delo 14 no.2:66-68 Mr-Ap '65. (MIRA 19:1)

1. Leningradskiy khimiko-farmatsevticheskiy institut.

VASIL'YEV, L.A.; MININA, V.I.

Using the shlieren system of photographic measurements for the quantitative investigation of the supersonic flow around the aerofoil. Zhur.nauch. i prikl.fot. i kin. 8 no.5:337-342 S-0 '63. (MIRA 16:9)

MININA, V. S.

Colorimetric determination of iron in natural waters with
2-furyldiantipyrylmethane V. P. Zhitovitshev and V. S. Minina. *Uchenye Zapiski Molotovskogo Universiteta*.
A. M. Gor'kogo 3, No. 3, Mas., Fiz. i Khim. 37-41, 1964.
2-Furyldiantipyrylmethane (I) in the presence of CSN^-
forms with Fe a red ppt. which is sol. in Me_2CO , increasing
the sensitivity of HCNS reaction many fold. The pro-
cedure is as follows: Acidify 10-20 ml. of the H_2O with 0.5-1
ml. of concd. HCl. Add a few drops of $KMnO_4$ to oxidize
any Fe^{2+} . In the presence of PO_4^{3-} , $C_2O_4^{2-}$, AcO^- , and
other ions forming complexes with Fe^{2+} increase the sol.

2

CHEREMUKHIN, I.K.; MININA, V.S.; GRANKINA, L.G.

Cotton stalks as a raw material for hydrolysis plants in Central Asia. *Gidroliz. i lesokhim. prom.* 11 no.5:21-22 '58. (MIRA 11:9)

1. Ferganskiy gidroliznyy zavod.
(Asia, Central--Hydrolysis) (Cotton)

MININA, V.S.; USMANOV,; Kh.U.; ISHMUKHAMEDOVA, M.S.; LUBENETS, A.T.

Effect of ionized radiations on polysaccharides. Khim. i fiz.-
khim. prirod. i sint. polim. no.1:53-60 '62 (MIRA 18:1)

1. Chlen-korrespondent AN UzSSR (for Usmanov).

MININA, V.S.; USMANOV, Kh.U.

Kinetics of hydrolysis of guza-paya hemicelluloses and cotton
hulls. Khim. i fiz.-khim. prirod. i sint. polim. no.1:66-71
'62 (MIRA 18:1)

1. Chlen-korrespondent AN UzSSR (for Usmanov).

MININA, V.S.; SARUKHANOVA, A. Ye.; USMANOV, Kh.U.

Chemical composition of dehydration hydrolyzates from furfurole
production wastes. Khim. i fiz.-khim. prirod. i sint. polim.
no.1:72-77 '62 (MIRA 18:1)

1. Chlen-korrespondent AN UzSSR (for Usmanov).

AKMAMEDOV, K.; MININA, V.S.; USMANOV, Kh.U.

Hulls of naturally delinting cottonseeds is a valuable raw material for the hydrolysis industry. Khim. i fiz.-khim. prirod. i sint. polim. no.1: 1-86 '62 (MIRA 18:1)

1. Chlen-korrespondent AN UzSSR (for Usmanov).

MININA, V.S.; SARUKHANOVA, A. Ye.; USMANOV, Kh.U.

Production of furfurole and levulinic acid in the hydrolysis of
packed guza-paya. Khim. i fiz.-khim. prirod. i sint. pchim.
no.1:87-93 '62 (MIRA 18:1)

1. Chlen-korrespondent AN UzSSR (for Usmanov).

USMANOV, Kh.U.; MININA, V.S.; DUSHIN, V.A.; ZININA, M.A.

Costra kenaf (*Hibiscus cannabinus*) as new raw material for
the production of furfurole and protein fodder. *Uzb.khim.zhur.*
6 no.2:79-80 '62. (MIRA 15:7)

1. Institut khimii polimerov AN UzSSR i Yangiyul'skiy gidroliznyy
zavod.

(Kenaf)

(Furaldehyde)

(Feeding and feeds)

MININA, V.S.; USMANOV, Kh.U.; RUNOVA, L.N.

Modification of the chemical composition of cotton stalks in long storage. *Gidroliz. i lesokhim.prom.* 16 no.8:15-16 '63. (MIRA 17:1)

1. Institut khimii polimerov AN UzSSR.

USMANOV, Kh.U.; AKHMAMEDOV, K.; MININA, V.S.

Variation in the carbohydrate composition of hydrolyzates of the husk of naturally stripped seeds in stepped hydrolysis. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no.4:38-42 '63. (MIRA 17:2)

1. Institut khimii polimerov AN Uzbekskoy SSR i Institut khimii AN Turk-menskoy SSR.

USMANOV, Kh.U.; MININA, V.S.; AKMAMEDOV, K.G.

Determining the speed of hydrolysis of cotton-husk cellulose diluted with sulfuric acid. Izv. AN Turk. SSR. Ser. fiz.-tekh., khim. i geol. nauk no.1:118-120 '65. (MIRA 18:7)

1. Institut khimii AN Turkmenskoy SSR.

MININA, V. V.

Tibia - Tumors

Primary epithelial tumor of the tibia. Vest. khir. 72 no. 2. '52.

Monthly List of Russian Accessions, Library of Congress, August, 1952. Unclassified.

101 AND 102 SERIES PROCESSING AND PROPERTY INDEX

BC

B-III-1

Influence of amount of distributing fertilizer on quality and yield of wheat grain. R. G. Munro. Compt. rend. Acad. Sci. U.S.S.R., 1950, 2, 174-176.
 The influence of the manner of distributing K, P, and N fertilizers in pot trials, and of P and N in field trials, on the yield and protein content of wheat is examined.
 A. G. P.

ABB-514 METALLURGICAL LITERATURE CLASSIFICATION

EDOM SYNDICATE

EDOM DOWLEY

101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150
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PROCESSES AND PROPERTIES INDEX

Co

1. **FLOWER INDEX.**
Phenotypical modification of sexual characters in higher plants under the influence of the conditions of nutrition and other external factors. E. G. Minina. *Compt. rend. acad. sci. U. R. S. S.* 21, 204-207 (1957); cf. C. A. 31, 40005. The periodic N fertilizing of cucumbers increases the sugar content about 2-fold and decreases the total N slightly; this greatly alters the sugar/total N ratio. This ratio is changed slightly in the opposite direction by periodic K fertilizing. The ratio: female flowers/male flowers is increased by the periodic N fertilizing and decreased somewhat by the K fertilizing. The treatment of the plants with gases from smouldering wood which contained 0.63% CO₂ increased the female sexualization ratio 10 times after 18 days. The female flowers appeared first and male flowers gradually increased with further development of the plant. Corn plants which were subjected to S starvation accumulated sugar and had a preponderance of female flowers. Conclusion: The generally observed relation between sugar accumulation and preponderance of female sex development, which may be influenced by various external treatments, may be connected with a shift in the reduction-oxidation conditions of the tissues which directs the sexual processes.
 C. K. Horner

AS 6-51 A METALLURGICAL LITERATURE CLASSIFICATION

SEARCHED INDEXED SERIALIZED FILED

APR 1958

MININA, E. G.

Mem., All-Union Inst. Hydrotechnics & Ameliorations, -1940-1943-. "Development of the Growing Cone in Two Varieties of Summer Wheat under Different Conditions of Humidity and Temperature of the Air," Dok.AN, 26, No. 3, 1940;
"Development of Reproductive Organs in Spring Wheat with Reference to Humidity and Temperature of Air," *ibid.*, 30, No. 1, 1941; "Sexualization of Plants as Affected by Different Moisture Conditions of the Medium," *ibid.*, 42, No. 7, 1943;
"Physiological Knowledge of the Effect of Gases on Sexuality in Growth," *ibid.*, 60, No. 2, 1947; Mem., Inst. Plant Physiology in K. A. Timiryazev, Dept. Biol. Sci., Acad. Sci. -c1949-. "The significance of Age for Determining the Sex of Plants," *ibid.*, 69, No. 1, 1949.

MININA, E. G.

PA 20735

USSR/Medicine - Plant Physiology
Medicine - Cucumbers

Jan 1947

"Physiological Knowledge of the Effect of Gases on Sexuality of Growth,"
E. G. Minina, L. G. Tytkina, 4 pp

"Dok Ak Nauk SSSR" Vol LV, No 2

Presented by A. A. Rikhter 3 Aug 1946. Experiments were carried out on cucumbers. On the basis of Mewus experiments, the process of sexualization cannot be explained other than a closed chain of chemical reactions in the oxidization-reduction system of the plant.

MININA, E. G.

"The Development of Flower Buds in Oak Trees." (p. 50) by Minina, E. G.

SO: Journal of General Biology XII (Zhurnal Obshchei Biologii) Vol. 12, No.1, 1951.

MININA, E. G.

(Change of sex in plants through the action of factors in the environment)
Moskva, Izd-vo Akademii nauk SSSR, 1952. 197 p. (54-23390)

QK827.M5

BRINIA, Ye. D.

Oak

Biological bases of fertility of the oak. Les. khoz. no. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, September 1952. Unclassified.

MININA, Ye. G.; POLOZOVA, L. Ya.

Plants, Sex in

Conditions for the female sexualization of oak buds. Dokl. AN SSSR 86 No. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1952 ~~1953~~, Uncl.

ANIKEYEVA, I.D.; MININA, Ye.G.

Physiological activity of growing points in trees as related to sexual specialization of generative shoots. Bot. zhur. 44 no.7: 907-915 JI '59. (MIRA 12:12)

1. Institut lesa AN SSSR, selo Uspenskoye, Moskovskoy oblasti.
(Trees) (Plants, Sex in)

MININA, Ye.G.

Vital activity of buds as related to sexual differentiation in woody forest plants. Bot. zhur. 47 no.7:938-944 J1 '62. (MIRA 15:9)
(Woody plants) (Buds) (Plants, Sex in)

MININA, YE. G.

Dissertation defended in the Botanical Institute imeni V. L.
Komarov for the academic degree of Doctor of Biological Sciences:

"The Sex Determination for Trees."

Vestnik Akad Nauk No. 4, 1963, pp. 119-145

MININA, Ye.G.; CHERMNYKH, I.S.

Changes in the growth of buds in dioecious plants of the willow
Salix acutifolia L. *Biul. MOIP. Otd. biol.* 68 no.5:51-58 S-0 '63.
(MIRA 16:10)

MININA, Ye.G.; SUTOKSKAYA, I.V.

Sexualization of *Phytophthora infestans* de Bary; the oxidation level of the mycelium and conidia. *Fiziol. rast.* 11 no.2: 293-300 Mr-Apr '64. (MIRA 17:4)

1. All-Union Scientific Research Institute of Phytopathology.

LESHKOVITSEVA, I.I.; MININA, Ye.G.

Cytochemical study of the male sporogenous cells of balsam poplar
in connection with sexualization problems. *Fiziol. rast.* 12 no.5:
832-836 S-O '65. (MIRA 19:1)

1. Laboratoriya lesovedeniya AN SSSR, Moskovskoy oblasti.

AUTHORS: Yakovleva, V. V., ~~Minina, Ye. I.~~ SOV/20-121-1-51/55

TITLE: On the Physiological Role of Molybdenum in Plants (K voprosu o fiziologicheskoy roli molibdena v rastenii)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 121. Nr 1, pp. 179 - 181 (USSR)

ABSTRACT: Of late more and more attention has been paid to the problem of molybdenum in the plant nutrition and the increase in crop of culture plants. It was found that Azotobacter chroococcum needs molybdenum and is not able to bind the air nitrogen without sufficient supply with this element. Molybdenum is indispensable for the normal vital functions of Azotobacter chroococcum and increases the binding process of the air nitrogen by 600 - 700 % as compared to the control (Ref 3). The role of molybdenum is especially important in the transformation-processes of nitrogenous substances. It is necessary in the reduction system of the nitrates. Plants grown on a culture medium without molybdenum have deep-going disturbances of the assimilation. Besides the reduction of the nitrate nitrogen quantity the quantity of the amide- and

Card 1/4

On the Physiological Rôle of Molybdenum in Plants

SOV/20-121-1-51/55

amine nitrogen and thus the protein synthesis increase. Of late it has furthermore been pointed out that molybdenum plays also an important rôle in the oxidative-reductive system. Cysteine plays an important rôle as reducing agent in the plant metabolism (Ref 2). Its reducing properties depend on the sulfhydryl group SH. Cysteine is transformed easily into cystine in the living cell. It is re-transformed as easily. The cysteine-cystine transformation forms an oxidative-reductive reaction if water in the one case is extracted, and in the other affiliated. The authors investigated the content of SH-groups in plants well supplied, and insufficiently supplied with molybdenum. The SH-determination was carried out according to S.M.Prokoshev. Table 1 shows data on the crop and the SH-content in clover leaves (Tri-folium pratense) in bleaching earth (pH 4,2) with a different supply of phosphorus with and without molybdenum. Molybdenum was introduced in the soil as $(\text{NH}_4)_2\text{MoO}_4$ (2 mg Mo/1 kg soil). Table 1 shows that the number of the SH₄-groups is considerably reduced under molybdenum influence in all experimental varieties. In the case of salad the same effect was still greater. An increase of the crop was observed. The carbon

Card 2/4

On the Physiological Role of Molybdenum in Plants

SOV/20-121-1-51/55

hydrate-protein transformation in the clover leaves is different under molybdenum influence. (Table 2):the protein synthesis is reduced in the case of a low level of the phosphorus nutrition. If the soil is well supplied with phosphorus, the protein synthesis is increased. Molybdenum plays an important role in the oxidative-reductive system besides its participation in the nitrogen transformation. This is confirmed by the above mentioned material. There are 2 tables and 9 references, 4 of which are Soviet.

PRESENTED: April 1, 1958, by A.L.Kursanov, Member, Academy of Sciences, USSR

SUBMITTED: February 21, 1958

Card 3/4

On the Physiological Role of Molybdenum in Plants

SOV/20-121-1-51/55

1. Plants--Growth
2. Plants--Biochemistry
3. Molybdenum--Physiological effects
4. Molybdenum--Biochemical effects
5. Protein--Biosynthesis
6. Oxidation
-reduction reactions

Card 4/4

MININA, Ye.I.

Rate of molybdenum uptake and translocation in plants. *Fiziol.*
rast. 10 no.3:369-371 My-Je '63. (MIRA 16:6)

1. All-Union Institute of Fertilizer and Soil Research, Moscow.
(Plants, Effect of molybdenum on)

KININA, Ye. N., Cand Agri Sci -- (diss) "The effect of molybdenum on the harvest and quality of agricultural crops grown on acidic soils," Moscow, 1960, 19 pp
Moscow Order of Lenin Agricultural Academy im K. A. Timiryazev) (KL, 37-60, 122)

MININBERG, S.Y. kandidat biologicheskikh nauk.

Frost-resisting properties of the root system in grapes.

Nauk.zap.Kiev.un. 7 no.6:163-171 '48.

(MLRA 9:10)

(Plants--Frost resistance) (Grapes) (Roots (Botany))

MININBERG, S.Ya.

Activity of catalase as an indicator of shade tolerance in plants.
Dokl. Akad. Nauk. SSSR, 1949, no. 5, 135-140. (MLA 9:10)

(Catalase) (Botany--Physiology)

MININBERG, S.Ya.

Intensity of regeneration in different varieties of grapes
according to frost-resistance. Nauk.sop.Kiev.un. 8 no.5:
191-194 '49. (MLBA 9:10)

(Plants--Frost resistance) (Grapes) (Plants--Reproduction)

MININBERG, S. YA.

Viticulture

Viticulture as a means of utilizing sandy soils. Nauk. zap. Kyiv. un. 9,
no. 7, 1950

Monthly List of Russian Accessions. Library of Congress, July 1952. UNCLASSIFIED

MININBERG, S.Ya.; SHATKOVSKAYA, M.M. [Shatkovs'ka, M.M.]

Effect of manganese on the course of biochemical processes and
productivity in grapes. Nauk. zap. Kyiv. un. 16 no.20:89-94 '57
(Plants, Effect of manganese on) (MIRA 13:3)
(Grapes--Fertilizers and manures)

MININBERG, S. YA.

COUNTRY : USSR
CATEGORY : Cultivated Plants. Fruits. Berries. M
RES. JOUR. : RZhBiol., No. 23 1958, No. 104817
AUTHOR : Mininberg, S. Ya.
INST. : All-Union Agricultural Academy imeni Lenin
TITLE : The Effect of the Conditions of Soil Nutrition on the Productivity and Frost Resistance in Grapevine.
ORIG. PUB. : Dok. VASKhNIL, 1958, No. 2, 26-30
ABSTRACT : Studies were conducted in Kiev oblast' in 1954-1956 with varieties Shesla belaya and Lidiya. Fertilizers were applied in the form of solutions into 6 holes punched with Kolesov "sword" around each vine to the depth of 40-50cm. In 1954, fertilizers were applied before the bursting of buds and at the beginning of the formation of clusters. In 1955, fertilizers were not applied and in 1956 they were applied only at the beginning of vegetation. Applied under 1 vine were N_{aa} -33 g, P_c -150 g, K_g -150 g, $KMnO_4$ -1.5 g, which were dissolved in 3 liters of water. The average growth increment of a shoot in Shesla with

CARD: 1/2

MININBERG, S.Ya.

Effect of the conditions of root nutrition on the dynamics of
chlorophyll in grapevine leaves. Visnyk Kyiv.un. no.1. Ser.
biol. no.2:45-48 '58. (MIRA 16:4)
(GRAPES—FERTILIZERS AND MANURES)
(CHLOROPHYLL)

MININBERG, S.Ya.; CHERNOBEL'SKAYA, M.N. [Chernobyl's'ka, M.N.];
~~SERDIUCHENKO, Ye.V.~~ [Serduchenko, IE.V.]

Effect of the conditions of nutrition on the microflora of the
rhizosphere of grapevine. Visnyk Kyiv.un. no.2 Ser. Biol. no.1:
85-89 '59. (MIRA 16:4)

(GRAPES--FERTILIZERS AND MANURES)
(RHIZOSPHERE MICROBIOLOGY)

BELOKON', I.P. [Bilokin', I.P.]; MININBERG, S.Ya.; POLISHCHUK, L.K.

Dmytro Pylypovych Protsenko; on his 60th birthday. Visnyk
Kyiv.un. no.2. Ser.biol. no.1:151-154 '59. (MIRA 16:4)
(PROTSENKO, DMITRO PYLYPOVYCH, 1899-)

MININBERG, S.Ya.; KHOMITSKIY, B.P., [Khomits'kyi, B.P.]; SHATKOVSKAYA, M.M. [Shatkova'ka, M.M.]

Effect of microelements (Mn and B) on the dynamics of glutathione content in leaves and stems of the grapevine. Visnyk Kyiv.un. no.3. Ser.biol. no.1:63-67 '60. (MIRA 16:4)

(GLUTATHIONE)

(PLANTS, EFFECT OF TRACE ELEMENTS ON)
(KIEV REGION--GRAPE)

BELOKON', I.P.; MININBERG, S.Ya.; POLISHCHUK, L.K.

Dmitrii Filippovich Protsenko; on his 60th birthday. Bot.shur.
45 no.1:157-518 Ja '60. (MIRA 13:5)

1. Kiyevskiy gosudarstvennyy universitet im. T.G.Shevchenko.
(Protsenko, Dmitrii Filippovich, 1899-)

MININEBERG, S. Ya.

Effect of manganese and boron on the bond strength of chlorophyll
with the protein base in grapevine leaves. Visnyk Kyiv. un.no.5.
Ser.biol. no.1:28-32 '62. (MIRA 16:5)
(PLANTS, EFFECT OF TRACE ELEMENTS ON) (CHLOROPHYLL)
(PROTEINS)

MININBERG, S.Ya.

Effect of different mineral fertilizers on the dynamics of
tanning substances in leaves and stems of the grapevine.
Visnyk. Kyiv. un no.2. Ser. biol. no.2:9-12'60. (MIRA 16:8)
(GRAPES—FERTILIZERS AND MANURES) (TANNINS)

PROTSENKO, D.F.; MININBERG, S.Ya.

"Practical work in the anatomy of plants" by R.P. Barykina
and others. Reviewed by D.F. Protsenko, S.IA. Mininberg.
Bot. zhur. 49 no.4:607-609 Ap'64. (MIRA 17:5)

1. Kiyevskiy gosudarstvennyy universitet.

Mining, S.E.

MINING, S.E., inzh.

Most accurate solution of the standard error determination in estimates of ore deposit reserves. [Trudy] VNIMI no.31:114-130 '57.

(MIRA 11:1)

(Ores--Sampling and estimation)

MINING. S.E., inzh.

Calculating orientation through two shafts. Izv.vys.ucheb.zav.;
gor.shur. no.5:37-38 '59. (MIRA 13:5)

1. Vsesoyuznyy zaachnyy politekhnicheskiy institut. Rekomendovana
kafedroy marksheyderskogo dela i geodezii.
(Mine surveying)

ROMANOV, V.A., prof.; MINING, S.E., inzh.

New method of evaluating the accuracy of connecting to mine
plumb bobs by means of a tie-in quadrilateral. *Izv. vys.*
ucheb. zav.; gor. zhur. no.9:53-60 '60. (MIRA 13:9)

1. Vsesoyuznyy zaochnyy politekhnicheskiy institut. Rekomend.
kafedroy marksheyderskogo dela i geodezii.
(Mine surveying)

MINING, S.E., aspirant

Triangulation adjustment by the indirect measurement technique
using the multigroup method developed by Prof. A.I. Mazmishvili.
Izv. vys. ucheb. zav.; geod. i aerof. no.5:77-88 '63.
(MIRA 17:8)

1. Vsesoyuznyy zaachnyy politekhnicheskiy institut.

L 06579-67 (1) 04
ACC NR: AP7000444

SOURCE CODE: UR/0362/66/002/005/0464/0473

AUTHOR: Dubentsov, V. R.; Minino, L. C.

19
B

ORG: Central Institute of Forecasting (Tsentral'nyy institut prognozov)

TITLE: Position of the tropopause in middle latitude jet streams

SOURCE: AN SSSR. Izvestiya. Fizika atmosfery i okeana, v. 2, no. 5, 1966, 464-473

TOPIC TAGS: jet stream, tropopause, wind velocity

ABSTRACT: A study of the behavior of the tropopause in jet streams of the middle latitudes has revealed, through statistical analysis, that the tropopause in strong jet streams of the temperature latitudes, like in the subtropical jet stream, experiences a discontinuity. During the period December 1959 through February 1960 it was possible to collect data for 100 cases of jet streams when the maximum wind velocity on the axis of the jet attained or exceeded 50 m/sec. In many cases on the axis of the jet stream it was possible to detect presence of two tropopauses. The first was the polar tropopause, situated several kilometers below the second tropopause. The superposing of one tropopause on another in the middle latitude jet streams occurs less frequently than in the subtropics. Whereas the tropical tropopause is characterized by a change of the vertical temperature gradient with height, the middle latitude tropopause, and especially the polar tropopause, especially in winter height. Discontinuities of the tropopause near the axis of jet streams arise in the process of formation of the jet stream. In the first stage, when the jet stream is beginning to form, the horizontal wind shear is relatively small and the tropopause-

0923 1138 400: 651.570.828

L 06519-67
ACC NR: ~~AP7000444~~

may or may not be present. Since the temperature zone jet streams frequently are formed when there are considerable meridional displacements of warm or cold air masses, very frequently under the new conditions of radiative equilibrium one of the tropopauses, and sometimes both, disappear, but as soon as the jet stream begins to weaken a new tropopause is formed, although at a different level. Orig. art. has: 2 figures and 3 tables. [JPRS]

SUB CODE: 04 / SUBM DATE: 02 Dec 65 / ORIG REF: 009 / OTH REF: 006

Card 2/2 KS

SOV/112-57-5-10736

Translation from: Referativnyy zhurnal. Elektrotehnika, 1957, Nr 5, p 163 (USSR)

AUTHOR: Potekhin, B. A., Mininzon, G. M., Rozhkov, I. V.

TITLE: New Instruments for Determining Chemical Stability of Ethylated Aviation Gasolines (Novyy pribor dlya opredeleniya khimicheskoy stabil'nosti etilirovannykh aviatsionnykh benzinov)

PERIODICAL: Novosti nef. tekhniki. Neftepererabotka, 1956, Nr 5, pp 20-22

ABSTRACT: Bibliographic entry.

Card 1/1

ADONIN, A.N., kand.tekhn.nauk; ALIVERDIZADE, K.S., kand.tekhn.nauk;
AMIYAN, V.A., kand.tekhn.nauk; ANISIMOV, Ye.P., insh.; APRESOV,
K.A., dotsent; BELLEN'KIY, V.N., insh.; BOGDANOV, A.A., kand.
tekhn.nauk; GORBENKO, L.A., insh.; DANILELYAN, A.A., insh.;
DAKHOV, V.M., prof.; IVANKOV, R.A., insh.; KORNYV, M.I., insh.;
LAVRUSHKO, P.N., insh.; LESIK, N.P., insh.; LOVLYA, S.A., kand.
tekhn.nauk; LOGINOV, B.G., kand.tekhn.nauk; MININZON, G.M., kand.
tekhn.nauk; MOLCHANOV, G.V., kand.tekhn.nauk; MURAV'YEV, I.M.,
prof.; MUSHIN, A.Z., insh.; OL'SHVANG, D.Ye., insh.; PODGORNOV,
M.I., insh.; FAYERMAN, I.L., kand.tekhn.nauk; FOKINA, Ye.D., insh.;
EPISHEV, A.M., insh. [deceased]; YERSHOV, P.R., vedushchiy red.;
MUKHINA, E.A., tekhn.red.

[Reference book on petroleum production] Spravochnik po dobyche
nefti. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi
lit-ry. Vol.2. 1959. 589 p. (MIRA 13:2)
(Oil fields--Production methods)

40220
S/169/62/000/007/046/149
D228/D307

9.6160

AUTHORS: Mininzon, G. M., Davydov, M. S. and Ayrapotyan, T. M.

TITLE: Portable ПБП-1 (GVP-1) gravimeter-altimeter

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 7, 1962, 26, abstract 7A172 (V sb. Sostoyaniye i perspektivy razvitiya geofiz. metodov poiskov i razvedki polezn. iskopayemykh, M., Gostoptekhizdat, 1961, 413-419)

TEXT: A portable GVP-1 gravimeter-altimeter has been developed. It consists of two resilience systems: one compensated barometrically and the other with an increased barometric factor. The instrument's design is based on a system of astatic spring weights in which the lever is suspended on horizontally placed helical cylindrical springs of the alloy H41 XT (N41 KhT). The device is thermostatically controlled at a temperature that is selected in accordance with the maximum temperature of the area in which it is being used (30, 35, or 45°). A bimetallic compensator is mounted on the instrument; by means of this it is possible to cool the tempe-

Card 1/2

Portable GVP-1 ...

S/169/62/000/007/046/149
D228/D307

perature characteristics of the resilience systems and bring the inflection points of these characteristics to a set thermostat temperature. [Abstracter's note: The word vypolazhivat' is taken as being vykholazhivat']. A Dewar flask with an inner diameter of 100 mm is used as the outer thermal insulation. The thermostat power consumption amounts to about 0.03 W per 1°C. The device's thermostating ratio is 1:150. The astatic resilience system's angular sensitivity equals approximately 20 - 25 seconds per milligal. The adopted autocollimator optical system provides for a twofold reflection from the mobile mirror; it also ensures that the accuracy of balancing the resilience systems is 0.02 - 0.04 milligal. In order to eliminate the terrestrial magnetic field's influence, the resilience systems after alignment are demagnetized and, moreover, surrounded by a magnetic shield. The results of proving and commercial tests of six GVP-1 gravimeter-altimeters are given. The mean square error of a single measurement by one system varies from 0.13 to 0.25 milligal for different instruments. [Abstracter's note: Complete translation.]

Card 2/2

SEDOV, N.D.; MININZON, R.D.

In the heat-treating department of the plant. Metallurg 7
no.10:11-12 0 '62. (MIRA 15:9)

1. Nachal'nik termicheskogo tsekha zavoda "Dneprospetsstal"
(for Sedov).
2. Nachal'nik metallograficheskoy laboratorii
TSentral'noy zavodskoy laboratorii zavoda "Dneprospetsstal"
(for Mininzon).
(Steel--Heat treatment) (Furnaces, Heat treating)

MOSHKEVICH, Ye.I., inzh.; MININZON, R.D., inzh.

Improving the plasticity of Kh23N18 heat-resistant steel.
Met. i gornorud. prom. no.5:76 S-0 '63. (MIRA 16:11)

1. Zavod "Dneprospetstal".

MENINZON, R.D.

AID No. 987-11 11 June

IMPROVING HOT DUCTILITY OF 23-18 STAINLESS STEELS (USSR)

Moskalevich, Ye. I., R. D. Minizon, V. F. Smolyakov, and M. F. Sorokina.
Kuznechno-shtampovochnoye proizvodstvo, no. 4, Apr 1963, 18-19.
S/182/63/000/004/001/004

In an attempt to improve the hot ductility of OX23H18 steel [0.10% C max, 1.0% Si max, 2% Mn max, 22-25% Cr, and 17-20% Ni] and of X23H18 steel [both AISI-310] several variants of deoxidizing and refining have been tested. The best results were obtained with addition of 0.5 kg/ton aluminum and 0.005% boron alloy introduced 5 to 10 min before tapping. One-ton ingots of steel so treated could be heated to 1220-1230°C (furnace temperature) and forged into billets 160 to 190 mm square without reheating. Ingots of conventional and other experimental heats which had been heated to temperatures over 1160°C (furnace temperature) cracked when forged.

[ND]

Card 1/1

MOGIL'CHENKO, V.S., inzh.; NIKITENKO, V.D., inzh.; MININZON, R.D., inzh.;
RUDNEVA, N.V., inzh.

Carbon reduction in the surface layer of ball-bearing and tool
steels. Stal' 23 no.9:839-840 S '63. (MIRA 16:10)

1. Institut ispol'zovaniya gaza AN UkrSSR i Dnepropetrovskiy
Staleplavil'nyy zavod vysokokachestvennykh i spetsial'nykh staley.

ACCESSION NR: AP4043489

S/0133/64/000/008/0738/0740

AUTHOR: Moshkevich, Ye. I. (Engineer); Mininon, R. D. (Engineer);
Smolyakov, V. F. (Engineer); Sorokina, M. F. (Engineer)

TITLE: Improving ductility of OKh23N18 and Kh23N18 steels

SOURCE: Stal', no. 8, 1964, 738-740

TOPIC TAGS: oxidation resistant steel, OKh23N18 steel, Kh23N18
steel, OKh23N18 steel ductility, boron, boron modified steel, boron
modified Kh23N18 steel

ABSTRACT: The hot ductility of oxidation-resistant OKh23N18 and
Kh23N18 steels can be improved by the addition of boron (0.005%) in
the arc furnace shortly before tapping, followed by the addition of
aluminum. The positive effect of boron is based on its ability to
promote the precipitation of carbides in the form of coagulated
particles on grain boundaries, instead of a continuous network. The
improved ductility made it possible to forge ingots without reheating,
which increased the efficiency of forging facilities by 40% and raised
the yield by 1.75—4%. The forged billets had a clean surface without
cracks. Orig. art. has: 1 figure.

Card 1/1

ROZENGART, Yu.I., dotsent, kand.tekhn.nauk; TAYTS, N.Yu., prof., doktor tekhn.
nauk; EPSHTEYN, V.A., inzh.; LITOVCHENKO, Yu.K., inzh.; KHUDIK, V.T.,
inzh.; MININZON, R.D., inzh.

Study of nonoxidizing heating of alloy steels. Stal' 25 no.5:469-
473 My '65. (MIRA 18:6)

1. Dnepropetrovskiy metallurgicheskiy institut i zavod
"Dneprospetsstal'".

ZHALYBIN, V.I.; SINEL'NIKOV, M.I.; MININZON, R.D.; MOSHKEVICH, Ye.I.;
MURINA, K.N.; CHERNYAVSKAYA, S.G.; KHRISTOFOROVA, L.I.; POTAPOVA, V.P.

Nature of spiderlike pitting corrosion cracks of steel,
and ways for their elimination. Stal' 25 no.10:941-944 0 '65.
(MIRA 18:11)

1. Institut "UkrNIISpetsstal'" i zavod "Dneprospetsstal'".

MININZON, V.I., Cand Tech Sci—(disc) "Study of certain problems
of the theory of centrifugal regulators of the speed of rotation."
Mos, 1958. 17 pp with graphs (~~Joint~~ Scientific Council of the All-
Union Sci Res Inst of Mechanization of Agr and the All-Union Sci Res
Inst of Electrification of Agr), 150 copies (RL, 45-58, 148)

- 92 -

MININZON, V.I., aspirant

Effect of the self-aligning of internal combustion engines on the performance of the centrifugal governor. Nauch. trudy VIESKH 4:292-303 '59.

(MIRA 13:11)

(Gas and oil engines)

STOPALOV, S.; MINIKZON, V.

Bottled gas for agricultural needs. IUn.tekh. 4 no.11:31-32
N '59. (MIRA 13:4)
(Liquefied petroleum gas)

FRUMKIS, I.F., inzh; MININZON, V.I.

Traction force of tractors with hydrostatic transmission. Mekh.
i elek. sots. sel'khoz. 19 no.3:14-18'61. (MIRA 14:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mekhanizatsii
sel'skogo khozyaystva.
(Tractors--Transmission devices)

FRUMKIS, I.V., inzh.; MININZON, V.I., kand.tekhn.nauk

Systems and parameters of the hydrostatic transmission systems
of agricultural tractors. Mekh. i elek. sots. sel'khoz. 20
no.3:21-25 '62. (MIRA 15:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mekhanizatsii
sel'skogo khozyaystva.

(Tractors)

FRUMKIS, I.V., inzh.; MININZON, V.I., kand. tekhn. nauk

Some trends in the development of foreign tractor hydraulic
systems. Mekh. i elek. sots. sel'khoz. 21 no.5:59-62 '63.
(MIRA 17:1)

FRUMKIS, I.V., inzh.; MININZON, V.I., kand.tekhn.nauk

Investigating the traction component of the hydraulic motor in tractors. Trakt. i sel'khoz mash. 33 no.8:9-12 Ag '63. (MIRA 16:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mekhanizatsii sel'skogo khozyaystva.

BISTRICKAS, S.; MINIOTAS, V.; APUOKIENE, A., red.; VENCLOVAITE, D.,
red.; ZDANCEVICIUS, V., tekhn. red.

[40,000 (i.e. ~~Forty~~ thousand) kolometers; report from a
trip along the boundaries of the Soviet Union] 40 000 kilo-
metru; reportazas apie kelione isilgai R^udytu Sajungos sienu.
Vilnius, Valstybine grozines literaturos leidykla, 1962.
247 p. (MIRA 16:5)

(Russia--Description and travel)

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DECEASED
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1961/I

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marine maintenance

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Effectiveness of leptospiral gamma globulin in experiments. J.hyg.
epidem.Praha 4 no.4:424-431 '60.

1. Metchnikoff Institute of Vaccines and Sera, Moscow.
(LEPTOSPIROSIS immunol)
(GAMMA GLOBULIN)

MINIOVICH, F. L. ; MARENNIKOVA, S. S.; AKATOVA-SHELUKHINA, E.M; MAL'TSEVA, N. N
GENKINA, F. B. : AND MILUSHKIN, V. N.

Hyperimmune antivaccinia Gamma Globulin from Animal Sera.

report submitted for the Expert Committee on Smallpox of the World Health Organization, Geneva, 14-20 an 1964.

Inst. for Research on Viral Preparations, Moscow.

TKACHUK, N.I.; MINIOVICH, I.A.

Practices of two pharmacies. Apt.delo 3 no.2:39-43 Mr-Ap '54.
(MLRA 7:4)

1. Upravlyayushchiy aptekoy No. 24 Kiyeva (for Tkachuk).
2. Assistent kafedry organizatsii farmatsevticheskogo dela Kiyevskogo instituta usovershenstvovaniya vrachey (for Miniovich).
(Drugstores)

MINIOVICH, I.A. assistant, KVITINSKAYA, A.S.; starosta gruppy kursantov

Training of pharmacy organizers. Apt.delo 4 no.3:27-28 My-Je '55.

1. Iz kafedry organizatsii farmatsevticheskogo dela Kiyevskogo
instituta usovershenstvovaniya vrachey.

(PHARMACY,

in Russia, train. of pharm.organizers)

MINIOVICH, I.A.

Stages of the development of pharmacy in Ukraine. Vrach. delo
no.3:317-319 Mr '57 (MLRA 10:5)

1. Kafedra tekhnologii lekarstvennykh form i galenovykh preparatov
(zav.-prof. G.A. Vaysman) Kiyevskogo instituta usovershenstvovaniya
vrachey.
(UKRAINE--PHARMACY--HISTORY)

MINIOVICH, F.A.

BUSHKOVA. M.N.; GUBSKIY, I.M.; ~~MINIOVICH, F.A.~~

Ukrainian pharmaceutical conference. Apt.delo 6 no.4:63-68 J1-Ag '57.
(MLRA 10:9)

1. Chleny Pravleniya Ukrainskogo nauchno-farmatsevticheskogo
obshchestva
(PHARMACY)

Miniovich, I. A.

TARKOVSKIY, G. V.; GOMOLYA, Ye. K.; KUL'CHITSKAYA, D. O.; OSIPENKO, I. S.;
MINIOVICH, I. A., assistant

Advanced training for pharmacists in the Department of Pharmacy of
the Kiev Institute of Advanced Training for Physicians. Apt. delo
6 no. 5:59-60 2-0 '57. (MIRA 10:11)

1. Kafedra tekhnologii lekarstvennykh form i galenovykh preparatov
(for Miniovich)
(KIEV--PHARMACY--STUDY AND TEACHING)

MINIOVICH, I. H.

GUBSKIY, I.M.; MINIOVICH, I.A., assistant

Pharmacy in the Ukraine. Apt.delo 7 no.1:3-10 Ja-F '58. (MIRA 11:3)

1. Mestal'nik Glavnogo aptechnogo upravleniya Ministerstva zdavo-
okhraneniya USSR (for Gubskiy). 2. Kafedra tekhnologii lekarstven-
nykh form farmatsevticheskogo fakul'teta Kievskogo instituta
usovershenstvovaniya vrachey (for Miniovich)
(UKRAINE--PHARMACY)

MINIOVICH, I.A., (Kiev)

Drugstores in rural areas of Kiev Province. Fel'd i akush. 23 no.9:44-47
S'58 (MIRA 11:10)

(KIEV PROVINCE---DRUGSTORES)

~~MINIOVICH, I.A.;~~ KARASIK, L.G.

Development of drug enterprises in Chernigov Province. Apt.delo 8
no.5:12-16 S-0 '59. (MIRA 13:1)

1. Iz kafedry tekhnologii lekarstvennykh form farmatsevticheskogo
fakul'teta Kiyevskogo instituta usovershenstvovaniya vrachey. 2.
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(for Karasik). (CHERNIGOV PROVINCE--DRUGSTORES)

YENA, Mikhail Gordeyevich [Yena, M.H.]; MINIOVICH, I.O., red. ;
GITSHTEYN, A.D., tekhnred.

[Manual for managers of drugstores] Posibnyk dlia zaviduiuchykh
aptechnykh punktany. Kyiv, Derzh.med.vyd-vo URSR, 1960. 307 p.
(PHARMACY) (MIRA 13:5)

MINIOVICH, I.A.

Work of the Ukrainian Pharmaceutical Research Society. Apt.delo
9 no.1:79-80 Ja-F '60. (MIRA 13:6)

1. Otvetsvenny sekretar' Ukrainского nauchno-farmatsevtiche-
skogo obshchestva.

(UKRAINE--PHARMACEUTICAL SOCIETIES)

. MINIOVICH, I.A.

Some mistakes in the work of drugstores and measures for eliminating
them. Apt. delo 10 no. 1:61-63 Ja-F '61. (MIRA 14:2)
(DRUGSTORES)

MINIOVICH, I.O.

Development of pharmacy in the Donets Basin from 1919 to 1959.
Farmatsev. zhur. 16 no.3:56-61 '61. (MIRA 14:6)

1. Farmatsevticheskiy fakul'tet Kiyevskogo instituta usovershenstvovaniya vrachev.

(DONETS BASIN—PHARMACY)

MINIOVICH, I.O. [Miniovych, I.O.]

Work of the Ukrainian Pharmaceutical Society. Farmatsev. zhur. 16 no.6:
71-73 '61. (MIRA 15:5)

1. Otvetsivennyi sekretar' pravleniya Ukrainskogo nauchnogo farmatsev-
ticheskogo obshchestva.

(UKRAINE—PHARMACEUTICAL SOCIETIES)

GUBSKIY, I.M.; BUSHKOVA, M.N.; MINIOVICH, I.A.

In the Ukrainian Scientific-Pharmaceutical Society. Apt. delo.
no.5:81-83 S-0 '62. (MIRA 1/15)

MINIOVICH, I.O., provizor [Miniovych, I.O.]

Pharmacist's profession. Farmatsev.zhur. 17 no.4:45-49 '62.
(MIRA 16:3)

(PHARMACY AS A PROFESSION)

MINIOVICH, I.A. (Kiyov)

Image of the pharmacist in literature. Apt. delo 13 no.4:
60-64 J1-Ag '64. (MIRA 18:3)

BUSHKOVA, M.N.; MINIOVICH, I.A.

Conference of readers of the periodical "Aptechnoe delo" in
Kiev. Apt. delo ll no.6874-75 N-D'62 (MIRA 1787)

