

Study of the initial stage of...

S/064/62/000/003/002/007
B110/B101

the beginning of the reaction at 10 atm from 490 to 390°C, at 20 atm from 470 to 400°C. A pressure increase from 1 to 20 atm at 500 and 600°C increases the amount of the reacting oxygen. Conversion becomes more rapid at 500°C, passes through a maximum at 600°C, and decreases again at 700°C. At 1 atm and 500 - 600°C the CO+H₂ yield from 1 l methane is ~0.5 l, at 1 atm and 527 and 627°C (equilibrium) it is 1.99 and 2.59 l. At 1 atm and 500 - 600°C that catalyst is not reduced on which only CO₂ and water vapor are formed. At 700°C and 1 atm the catalyst is reduced and the degree of conversion and the yield in CO+H₂ are almost in equilibrium. Conversion on the reduced catalyst decreases with increasing pressure. Methane conversion decreases from 39.5 to 36.4; as the rate increases from 15,200 to 33,800 hr⁻¹ at 20 atm and 500°C. It reaches equilibrium at 500 - 700°C, 10 - 20 atm and 0.06 - 0.2 sec contact. If a reduced Ni catalyst is used the temperature required for the equilibrium drops by 100°C. Methane conversion on the selective Ni catalyst under increased pressure prevents the formation of high temperatures in the input zone of the converter. There are 7 tables. The English-language reference reads as follows: R. Kennedy, G. Scott, M. Zabetakis, Chem. Eng. Progr., 53, no. 3, 125-M (1957). ✓

Card 2/2

LEYBUSH, A.G.; SHORINA, Ye.D.; Primalni uchastiye: GORBAN', S.M.; IL'INA, R.A.

Study of the initial stage of the process of methane conversion
at high pressure. Khim.prom. no.3:159-165 Mr '62. (MIRA 15:4)
(Methane) (Oxidation) (Catalysts)

LEVINSON, A.S.; KHORUNA, Ye.P.; SGRANAT, B.D.

Using the method of catalytic conversion of butane under low
pressure for the production of hydrogen. Khim. prom. 41 no. 7:500-
505 Jul '65. (MIRA 18:8)

S/062/60/000/011/001/016
B013/B078

AUTHORS: Makarov, S. Z., Arnol'd, T. I., Stasevich, N. N.,
Shorina, Ye. V.

TITLE: Study of Systems With Concentrated Hydrogen Peroxide.
Report 21: The Ternary System $\text{Cu}(\text{OH})_2\text{-H}_2\text{O}_2\text{-H}_2\text{O}$

PERIODICAL: Izveștiya Akademii nauk SSSR. Otdeleniye khimicheskikh
nauk, 1960, No. 11, pp. 1913 - 1920

TEXT: The formation of copper-peroxide compounds has been studied in relation to the effect of hydrogen peroxide upon the active (e.g., "blue") copper hydroxide. H_2O_2 of different concentrations which had been carefully purified by vacuum distillation and chemically pure copper hydroxide freshly prepared from $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ were used as starting materials. The investigation was done by the conventional solubility method at -30° , -20° , 0° , and 20°C . Results of the chemical analysis of liquid phases and of the residue were entered into the Gibbs triangle - $\text{CuO} - \text{H}_2\text{O} - 0.5\text{O}_2$ act: for -30°C Fig.1, Table 1; for -20°C

Card 1/3

Study of Systems With Concentrated Hydrogen Peroxide. Report 21. The Ternary System
 $\text{Cu}(\text{OH})_2\text{-H}_2\text{O}_2\text{-H}_2\text{O}$

S/062/60/000/011/001/016
B013/B078

Fig.2, Table 2; for 0°C Fig.3, Table 3; for 20°C Fig.4, Table 4. A new compound with a high active oxygen content ($\text{CuO}_2\cdot\text{H}_2\text{O}_2\cdot\text{H}_2\text{O}$) was found besides the familiar copper oxide compound $\text{CuO}_2\cdot\text{H}_2\text{O}$. The new compound is formed in the liquid phase at an increased H_2O_2 concentration. The boundaries of the solid phases - ice, $\text{Cu}(\text{OH})_2$, $\text{CuO}_2\cdot\text{H}_2\text{O}$, and $\text{CuO}_2\cdot\text{H}_2\text{O}_2\cdot\text{H}_2\text{O}$ are fairly easily determined by investigating the residue if one does not consider the solubility of $\text{Cu}(\text{OH})_2$ in the liquid phase. To plot the complete isothermal lines of solubility, the variations of solubility of $\text{Cu}(\text{OH})_2$ in the liquid phase at 0°C and -20°C were systematically investigated (Figs. 5 and 6, Tables 5 and 6). At 0°C the solubility of $\text{Cu}(\text{OH})_2$ in water amounts to $0.23\cdot 10^{-4}\%$. At the points of coexistence of two solid phases a considerable increase of solubility is observable. With $\text{Cu}(\text{OH})_2 + \text{CuO}_2\cdot\text{HO}_2$ there are about $12.0\cdot 10^{-4}\%$ CuO

Card 2/3

Study of Systems With Concentrated Hydrogen Peroxide. Report 21. The Ternary System $\text{Cu}(\text{OH})_2\text{-H}_2\text{O}_2\text{-H}_2\text{O}$

S/062/60/000/011/001/016
B013/B078

and with $\text{CuO}_2\cdot\text{H}_2\text{O} + \text{CuO}_2\cdot\text{H}_2\text{O}_2$ about $9.51\cdot 10^{-4}\%$ CuO are dissolved. A similar process is seen in the solubility diagram at -20°C :

$\text{CuO}_2\cdot\text{H}_2\text{O} + \text{CuO}_2\cdot\text{H}_2\text{O} - 8.76\cdot 10^{-4}\%$ CuO. There are 7 figures, 6 tables, and 6 references: 1 Soviet.

ASSOCIATION: Institut obshchey i neorganicheskoy khimii im. N. S. Kurnakova Akademii nauk SSSR (Institute of General and Inorganic Chemistry imeni N. S. Kurnakov of the Academy of Sciences USSR) ✓

SUBMITTED: June 15, 1959

Card 3/3

8716 4

S/062/60/000/012/001/020
B013/B055

5.4110

2209, 1087, 1043

AUTHORS:

Makarov, S. Z., Arnold, T. I., Stasevich, N. N., and
Shorina, Ye. V.

TITLE:

Investigation of Systems With Concentrated Hydrogen Peroxide.
Communication XXII. Thermal Analysis of Copper-peroxide Com-
pounds

PERIODICAL:

Izvestiya Akademii nauk SSSR. Otdeleniye khimicheskikh nauk,
1960, No. 12, pp. 2090-2095

TEXT: The present paper is a study of solid phases of the peroxide type found during the investigation of the ternary system $Cu(OH)_2 - H_2O_2 - H_2O$. Thermal analysis and dehydration over phosphorus pentoxide showed that the heating process is accompanied by the decomposition of these compounds. The role absorbed in the liquid phase acts as initiator of this decomposition. The heating curves of $Cu(OH)_2 \cdot H_2O_2$ (Fig. 1), $Cu(OH)_2 \cdot H_2O$ (Fig. 3), and $CuO_2 \cdot H_2O_2 \cdot H_2O$ (Fig. 4) were taken with the aid of a DSC-1 recording pyrometer with differential recording at a heating rate of 6 deg/min. 15

Card 1/3

S7164

Investigation of Systems With Concentrated Hydrogen Peroxide. Communication XXII. Thermal Analysis of Copper-peroxide Compounds

S/062/60/000/012/001/020
B013/B055

the copper-peroxide compounds studied, anhydrous CuO_2 which decomposes at $110 - 120^\circ\text{C}$ with formation of CuO and O_2 was found to be the most stable. From its behavior at thermal decomposition, $\text{CuO}_2 \cdot \text{H}_2\text{O}$, which is less stable, may be considered not a hydrate of CuO_2 , but a compound of $\text{Cu}(\text{OOH})(\text{OH})$. $\text{CuO}_2 \cdot \text{H}_2\text{O}_2 \cdot \text{H}_2\text{O}$, a perhydrate of the former copper peroxide, $\text{Cu}(\text{OOH})(\text{OH}) \cdot \text{H}_2\text{O}_2$ is the least stable. It was obtained for the first time. This compound is valuable inasmuch as the presence of bound H_2O_2 , under certain dehydration conditions, enables the preparation of higher-quality copper on a wide basis. The compound might also be used as active oxygen-containing catalyst. The changes in the chemical compositions during dehydration of $\text{CuO}_2 \cdot \text{H}_2\text{O}$ and $\text{CuO}_2 \cdot \text{H}_2\text{O}_2 \cdot \text{H}_2\text{O}$ are illustrated in Figs. 5 and 6 respectively. By careful drying at low temperatures and using small weighed portions of ~5 g it was possible to obtain products of stable composition: 81.6% CuO , 11.90% active O_2 , and 6.5% H_2O , which contain free CuO_2 (CuO_2 contains 83.26% CuO and

Card 2/3

Study of some semiconducting compounds and phases based on boron.
E. S. Medvedeva, A. A. Reshchikova, A. A. Yelisseyeva, A. A.
Babitsyna, G. D. Mitkina, Ya. Kh. Grinberg, Ye. V. Shorina.

Report presented at the 3rd National Conference on Semiconductor Compounds,
Kishinev, 16-21 Sept 1963

Abstract, No. 101; Abstracts, No. 101

Abstract: Abstracts, No. 101

Concerning the article "Rate setting after the increase of the capacity coefficient (cos φ) in industry". Atom. energ. 3, No. 2, 1952.

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

SOV/100-59-10-8/12

14(2)

AUTHOR: Shorkov, V.P., Engineer

TITLE: Complex Mechanization of Construction Work Pertaining to Fisheries

PERIODICAL: Mekhanizatsiya stroitel'stva, 1959, Nr 10, pp 26-27 (USSR)

ABSTRACT: The fish industry belongs to the industries to which modernization and mechanization have not yet been applied, as far as construction of ponds are concerned. As a rule they are established in places not suitable for agricultural or farming purposes and frequently are not accessible to heavy earth work machinery, such as bulldozers, graders and tractors of the normal type. Moreover, the dams required to be built around the fish ponds are only 1 1/2 to 4 m wide; very often they are located in marshy land which presents another difficulty to using heavy machines. For mechanized work under such conditions special machines are required whose load on the ground does not exceed 0.2 kg/cm². Therefore in the first place light excavators and light bulldozers are needed for work in swamps. Very useful would also be small light tractors with a bull-

Card 1/2

Complex Mechanization of Construction Work Pertaining to Fisheries

SOV/100-59-10-8/12

dozer as mounted equipment and light trailers.
There is one table.

Card 2/2

KASPIN, B.A.; KIPPER, Z.M.; MIKHALCHENKOV, G.N.; MOREV, A.N.;
CHERNOV, P.G.; SHORKOV, V.P.; VELICHKO, Ye.M., red.

[Designing and building fish farms and fish hatcheries]
Proektirovanie i stroitel'stvo rybovodnykh khoziaistv i
zavodov. [By] B.A. Kaspin i dr. Moskva, Izd-vo "Pishche-
vaia promyshlennost'," 1964. 365 p. (MIRA 17:5)

SHORLUYAN, P.M., dotsent

Traumatic aneurysm of the hepatic artery. Khirurgiia no.6:73
Je '54. (MIRA 7:9)

1. Iz fakul'tetskoy khirurgicheskoy kliniki Rostovskogo-na-Donu
meditsinskogo instituta i khirurgicheskogo otdeleniya Taganrogskoy
gorodskoy bol'nitsy.

(ARTERIES, HEPATIC, aneurysm,

*traum., surg.)

(ANEURYSM,

*hepatic artery, traum., surg.)

SHORLUYAN, P.M., dotsent

Extension and division of short stumps of the forearm with
cutaneo-osseous grafting. Ortop.travm.protez, Moskva, no.1:
80-81 Ja-F '55. (MLRA 8:10)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav.-prof.
B.Z. Gutnikov) Rostovskogo meditsinskogo instituta.
(AMPUTATION STUMP,

kineplasty, extension & division of short stumps
of forearm with cutaneo-osseous grafts)

SHORLUYAN, P.M., dotsent.

Pneumourethroscope. Urologia no.3:90-93 J1-S '55. (MLRA 8:10)

1. Iz kliniki fakul'tetskoy khirurgii (zav.prof. B.Z.Gutnikov)
Rostovskogo meditsinskogo instituta.
(UROLOGY, apparatus and instruments
pneumourethroscope)

SHORLUYAN, P.M., dotsont.

Adenoma of the carotid gland. Khirurgiia, no.11:50-53 N '55.

(MLRA 9:6)

1. Iz kliniki fakul'tetskoy khirurgii (zav.-prof. B.Z. Gutnikov)
Rostovskogo-na-Donu meditsinskogo instituta.

(CAROTID BODY, neoplasms

adenoma. clin. aspects, surg. & pathol.)

(ADENOMA,

carotid body, clin. aspects, surg. & pathol.)

SHORLUYAN, P.M., odtsent

One-stage transvesical prostatectomy with blind suture or with suprapubic drainage of the bladder in prostatic hypertrophy. Urologiia 21 no.2:3-6 Ap-Je '56. (MLRA 9:12)

1. Iz kliniki Fakul'tetskoy khirurgii (zav. - prof. B.Z.Gutnikov) Rostovskogo-na-Donu meditsinskogo instituta.
(PROSTATE HYPERTROPHY, surgery, transvesical, with blind suture or with prepubic drain. (Rus))

SHORLUYAN, P.M., dotsent (Rostov-na-Donu, 30 Linniya, d.20)

Cancer of the common bile duct. Nov.khir.arkh. no.1:76-77
Ja-F '57. (MLBA 10:6)

1. Kafedra fakul'tetskoy khirurgii (zav. - prof. B.Z.Gutnikov)
Rostovskogo meditsinskogo instituta.
(BILE DUCTS--CANCER)

SHORLUYAN, P.M.

SHORLUYAN, P.M., dotsent

Unusual localization of urethral cancer. Urologiia 22 no.4:66-67
Jl-Ag '57. (MIRA 10:10)

1. Iz kliniki fakul'tetskoy khirurgii (zav. - prof. B.Z.Gutnikov)
Rostovskogo meditsinskogo instituta.
(URETHRA, neoplasms,
unusual case in aged male (Rus))

SHORLUYAN, P.M., dots.

Quick test modified by Pytel' and the phagocytic index in adenoma of the prostate. Urologia 22 no.6:39-44 M-D '57. (MIRA 11:2)

1. Iz kliniki fakul'tetskoy khirurgii (zav. - prof. B.Z.Gutnikov) Rostovskogo-na-Donu meditsinskogo instituta.

(POSTATE HYPERTROPHY, physiol.

Quick's hippuric acid synthesis test and phagocyte index)

(LIVER FUNCTION TESTS

Quick's hippuric acid synthesis test and phagocyte index in prostate hypertrophy)

(PHAGOCYTOSIS

phagocyte index in prostate hypertrophy, with Quick's hippuric acid synthesis test)

Shorluyan, P.M.
SHORLUYAN, P.M., dots.

Fortieth year of Professor B.Z.Gutnikov's activities. Vest.khir.
79 no.9:154-155 S '57. (MIRA 10:11)

(BIOGRAPHIES

Gutnikov, Boris Zin'evich)

SHORLUYAN, P.M., dots.

Morphology of the neural apparatus of the prostate in adenoma or cancer.
Urologiia 24 no.3:44-48 My-Je '59. (MIRA 12:12)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof. B.Z. Gutnikov) i kafedry gistologii i embriologii (zav. - prof. K.A. Lavrov) Rostovskogo-na-Donu meditsinskogo instituta.

(PROSTATE HYPERTROPHY, pathol.
nerves (Rus))

(PROSTATE, neoplasms,
nerve pathol. (Rus))

SHORLUYAN, P. M., Doc Med Sci -- (diss) "Materials on the morphology and clinical aspect of adenoma of the prostate gland." Moscow, 1960. 27 pp; (Ministry of Public Health USSR, Central Inst for Advanced Training of Physicians); 300 copies; price not given; list of author's work at end of text (12 entries); (KL, 27-60, 158)

SHORLUYAN, P.M., dotsent

Case of primary cancer of the epididymis. Urologia 25 no.1:70
Ja-F '60. (MIRA 15:6)

1. Iz kliniki fakul'tetskoy khirurgii (zav. - prof. B.Z.
Gutnikov) Rostovskogo-na-Donu meditsinskogo instituta.
(EPIDIDYMIS--CANCER)

SHORLUAN, P.M.

Case of fibroma of the epididymis and fibrolipoma of the spermatic
cord. Urologia 25 no. 4:62-63 J1-Ag '60. (MIRA 14:1)
(EPIDIDYMIS—TUMORS) (SPERMATIC CORD—TUMORS)

SHORLUYAN, P.M., dotsent (Rostov-na-Donu, 30-ya liniya, d.20)

Case of lipoma of the stomach. Vest.khir. no.7:118-120 '61.
(MIRA 15:1)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav. - prof.
B.Z. Gutnikov) Rostovskogo-na-Donu meditsinskogo instituta.
(STOMACH--TUMORS)

SHORLUYAN, P.M. (Rostov-na-Donu, Krivoshlykovskiy pereulok, d.2., kv.12);
NEFEDOV, V.I.

Fluorescence microscopic study of bone preserved by the flowing
method. Ortop., travm. i protez. 26 no.11:72-74 N '65.
(MIRA 18:12)

1. Iz kafedry obshchey khirurgii (zav.- prof. P.M. Shorluyan)
i tsentral'noy nauchno-issledovatel'skoy laboratorii (zav.- prof.
B.A. Saakov) Rostovskogo meditsinskogo instituta.

SHORM, F.

CZECH

The effect of androgenic hormones on the activity of arginase and transamidase of the kidneys. P. Shorm and Yu. Shveitsar (Inst. Org. Chem. Czech. Acad. Sci., Prague). *Biokhimiya* 20, 211-8(1955).—In sexually immature and in castrated rats the activity of arginase under the influence of androgenic hormones is enhanced in both sexes, and in normal mature rats only in the males. Following castration the activity of transamidase is enhanced in the males. The administration of androgenic hormones to normal adult rats lowers the activity of transamidase in the male and has no effect on the transamidase level of the female.

B. S. Levine

SHORM, F., prof. (Chekhoslovatskaya Sotsialisticheskaya Respublika).
SEVERIN, S.Ye.

"Three whales" of biochemistry. Nauka i zhizn' 28 no.11:33-40
N '61. (MIRA 14:12)

(BIOCHEMISTRY)

SUKHI, M.; GEROUT, V.; SHORM, F.

Latest accomplishments in the chemistry of sesquiterpenes. Usp.-
khim. 31 no.8:1004-1023 Ag '62. (MIRA 15:8)

1. Institut organicheskoy khimii i biokhimii Chekhoslavatskoy
Akademii nauk.

(Sesquiterpenes)

MIKESH, O. [Mikes, O.]; TURKOVA, Ya.; SHORM, F. [Sorm, F.]

Methyluracil. Zhur.ob.khim. 32 no.10:3462 0 '62.
(MIRA 15:11)

1. Institut organicheskoy khimii i biokhimii, Praga.
(Uracil)

KAFKA, V. (Praga, 2-ya Sallovsckaya, 10, Chekxhoslovakiya); MJSIL,
M. (Praga, Chekxhoslovakiya); NOVOTNYY, A. [Novotny, A.] (Praga,
Chekxhoslovakiya); PADOVED, I. [Padoved, J.] (Praga, Chekxhoslovakiya);
PIKHA, Z. [Picha, Z.] (Praga, Chekxhoslovakiya); SHORM, F. [Sorm, F.]
(Praga, Chekxhoslovakiya)

Treatment of malignant neoplasms in female sex organs by means of
6-azauracil. Vop onk. 8 no. 10:11-14 '62. (MIRA 17:7)

USSR/ Microbiology-Antibiosis and Symbiosis.
Antibiotics

F-2

Abs Jour: Ref Zhur - Biol., No 6, 1958, 24135

Abstract: I for a period of 90 minutes inhibits by 80-90% their ability to oxidize guanylic and adenylic acids and by 60-90% their corresponding nucleosides. At the same time, the number of acid-soluble nucleotides and nucleosides increases in the cell and the quantity of DNA and RNA decreases by 30%, while the proportion of acid-soluble nucleotides and nucleosides to the quantity of RNA and DNA, which normally is 0.12, increases to 0.2. The changes herein described are absent when I acts on dormant bacterial cells. The authors assume that the mechanism of action of I is based not on competition with respiratory enzymes, but on a specific inhibition of enzyme biosynthesis, related to metabolism of nucleotides or nucleic acids.

Card 2/2

SHORMOVA, Z.; SHORM, F.; BAUYEROVA, Ya.; ZELINKOVA, M.

Stimulating action of 5-bromouracil on higher plants [with English summary in insert] Fiziol.rast. 3 no.3:204-207 My-Je '56.

(MIRA 9:9)

1. Biokhimiicheskiye otdeleniye Khimicheskogo instituta Chekhesloslavtskoy Akademii nauk, Praga.

(Uracil) (Growth promoting substances)

SHORMOVA, Z.
GRYUNBERGER, D. [Grünberger, D.]; SHORMOVA, Z. [Šormova, Z.]; SHORM, F.
[Šorm, F.]

Effect of albomycin on oxidation processes and nucleic acid metabolism
in Staphylococcus aureus and Escherichia coli [with summary in
German]. Biokhimiia 22 no.1/2:148-153 Ja-F '57. (MLRA 10:7)

1. Biokhimicheskoye otdeleniye Khimicheskogo instituta Československoy
akademii nauk, Praga.

(MICROCOCCUS PYOGENES, effect of drugs on,
albomycin, on oxidation & nucleic acid metab. (Rus))

(ESCHERICHIA COLI, effect of drugs on
same)

(ANTIBIOTICS, effects,
albomycin on E.coli & Micrococcus pyogenes aureus
oxidation & nucleic acid metab. (Rus))

(NUCLEIC ACIDS, metabolism,
E.coli & Micrococcus pyogenes aureus, eff. of albomycin
(Rus))

SHORNIKOV, I. I.

25(1)

PHASE I BOOK EXPLOITATION SOV/1468

Merkulov, Vasilii Nikitovich, and Aleksey Ivanovich Shornikov,
Adjusters at the Kuntsevo Platinum Needle Factory

Ot ruchnogo stanka k avtomatu (From Manually-operated Tools to Auto-
matic Machinery) /Moscow/ Moskovskiy rabochiy, 1957. 75 p.
(Series: Opyt novatorov moskovskikh predpriyatiy) 4,000 copies
printed.

Ed.: S. Gurov; Tech. Ed.: I. Yegorova.

PURPOSE: This booklet on the introduction in the USSR of machines
for making knitting needles is for the general reader.

COVERAGE: The booklet covers the development of machines for making
knitting needles in the USSR. Achievements of Soviet engineers
and inventors at the Kuntsevo Plant imeni KIM are praised and
claimed to be superior to non-Soviet developments. The authors
tell how a platinum needle was produced outside the Soviet Union
and how Soviet designers produced it and improved on the machines
for making needles. Photographs of workers at their machines
accompany the text. There are no references.

Card 1/3

From Manually-operated Tools (Cont.)

SOV/1468

TABLE OF CONTENTS:

A Little History	
Inventor Nikolay Mavrin	3
From Manual Operation to Automatic Machines	5
The "MKH" Automated Line	15
Shornikov's Automatic Machines	21
The 26-th Operation	28
Complex Automated Lines	35
Visit With Foreign Friends	39
Card 2/3	49

SHORNIKOV, B.

Concerning N.P. Budnikov and others' article "Present status of methods for rating oil and gas test wells in the U.S.S.R. and means for improving them." Geol. nefti i gaza 6 no. 3:63-3 of cover Mr '62. (MIRA 15:4)

(Petroleum geology) (Gas, Natural--Geology) (Budnikov, N.P.)

SHORNIKOV, B. Ya.

AID P - 284

Subject : USSR/Engineering
Card : 1/2
Author : Shornikov, B. Ya.
Title : Inconsistency in the structural surfaces of carbonic and mesozoic stratum and of the methods of preparation of areas for industrial survey and prospecting. (Structural example of the Saratov-Volga region)
Periodical : Neft. Khoz., v. 32, #4, 46-51, Ap 1954
Abstract : The author describes the general geological structure of the Russian platform and some particular modification at various regions especially near Saratov occurred at different geological periods. The description is illustrated by three structure contour maps plotted in accordance with data of the geological survey (seismographic method) and deep well drilling.
The author gives his own interpretation of considerable shift of structure contours in different depths, shown on these maps, in contrast with the discussion of the

SHORNIKOV, B. Ya.

AID P - 500

Subject : USSR/Mining
Card 1/1 Pub. 78 - 14/27
Author : Shornikov, B. Ya.
Title : Drilling of prospecting wells without selective sample core
Periodical : Neft. Khoz., v. 32, #6, 50-52, Ju 1954
Abstract : The author comments on the article "Drilling of prospective holes without selective sample core" by F. I. Levkin, published in Neft. Khoz., #8, 1953. The author proposes the drilling of two prospecting holes without sampling. The geological structure can be outlined by electrical sampling at different levels. The mechanical sampling in other prospecting holes can be coordinated at definite levels according to previously obtained data.
Institution : None
Submitted : No date

Shornikov, B. Ya.

AID P - 2097

Subject : USSR/Geology

Card 1/1 Pub. 78 - 10/24

Author : Shornikov, B. Ya.

Title : Geological structure of the Saratov Volga River region

Periodical: Neft. khoz., v.33, no.4, 49-51, Ap 1955

Abstract : Recently a systematic geological survey of the Saratov Volga River region was conducted by a group of Saratov geologists. Through test drillings the stratigraphical, lithological and phase study of this region was made. The author reports the main findings of the tectonic structure of this nappe from the point of view of the location of petroliferous rocks.

Institution: Names of many geologists are mentioned.

Submitted : No date

SHORNIKOV, B.Ya.; FEYGEL'SON, I.B.

Methods of developing certain oil fields. Neft.khoz. 34 no.11:47-
48 N '56. (MIRA 10:1)

(Volga Valley--Oil fields)

SHORNIKOV, B.Ya.

Results of geological prospecting for oil and gas and trends for
1961-1965 in the Volga Valley protion of Saratov Province.
Geol.nefti i gaza 5 no.9:15-18 S '61. (MIRA 14:10)

1. Saratovskiy sovnarkhoz.
(Saratov Province--Petroleum geology)
(Saratov Province--Gas, Natural--Geology)

BROD. I.O.; BEGISHEV, F.A.; GABRIELIAN, A.G.; OVANESOV, G.P.; SEYFUL'-
MULYUKOV, R.B.; SHORNIKOV, B.Ya.; SHPIL'MAN, I.A.; KHANIN, I.L.

Oil and gas potential of the Volga-Ural region, the lower
Volga Valley, and the Caspian salt-dome region as parts of
the northern Caspian oil- and gas-bearing basin. [Trudy]
NILneftegaza no.10:5-16 '63. (MIRA 18:3)

1. Nauchno-issledovatel'skaya laboratoriya geologicheskikh kriteriyev
otsenki perspektiv neftegazonosnosti; Upravleniya neftyanoy i gazovoy
promyshlennosti Verkhne-Volzhskogo i Sredne-Volzhnskogo sovetov
narodnogo khozyaystva i i Orenburgskoye geologicheskoye upravleniye.

SEYFUL MLYUKOV, R.B.; LEVIN, L.E.; SAL'MAN, G.B.; SHORNIKOV, B.Ya.

Correlation of the basic structural elements of the central parts of the northern Caspian oil- and gas-bearing basin.
[Trudy] NILneftegaza no.19:61-78 '63. (MIRA 18:3)

1. Nauchno-issledovatel'skaya laboratoriya geologicheskikh kriteriyev otsenki perspektiv neftegazonosnosti i Upravleniye neftyanoy i gazovoy promyshlennosti Privozhskogo soveta narodnogo khozyaystva.

SHORNIKOV, F.M.

Production of peat fertilizers and litter by the "Volosovskoye"
Collective-State Farm Peat Enterprise. Torf.prom. 37 no.4:22-25
'60. (MIRA 13:7)

1. Volosovskoye torfopredpriyatiye.
(Leningrad Economic Region--Peat)

KARAKIN, F.F.; RODICHEV, A.F.; PUTIY, G.P.; BASOV, A.P.; PYATAKOV,
L.V.; RAUTSEP, A.P. [Rautsepp, A.]; BLAGONRAVGV, S.I.;
GRECHIKHO, A.M.; DRUZHININ, N.N.; SHUKHMAN, D.I.; BAUSIN, A.F.;
LOYKO, P.G.; CHERNAKOV, B.A.; SHORNIKOV, F.M.; SOPIN, P.F.

Remarks of the members of the Conference. Torf. prom. 37 no.5:
22-28 '60. (MIRA 14:10)

1. Ivanovskiy gosudarstvennyy torfotrest (for Karakin).
2. Sverdlovskiy torfotrest (for Rodichev).
3. Gosplan USSR (for Putiy).
4. Leningradskiy gosudarstvennyy trest torfyanoy promyshlennosti (for Basov).
5. Moskovskiy oblastnoy sovarkhoz (for Pyatakov).
6. Gosudarstvennyy nauchno-tekhnicheskii komitet Estonskoy SSR (for Rautsep).
7. Ger'kovskiy sovarkhoz (for Blagonravov).
8. Belorusskiy sovarkhoz (for Grechikho, Shukhman).
9. Yaroslavskiy sovarkhoz (for Druzhinin).
10. Bobruyskaya mashinno-meliorativnaya stantsiya (for Loyko).
11. Gipromestprom Gosplana RSFSR (for Chernakov).
12. Mezhholkhoznoye torfopredpriyatiye "Volosovskoye" Leningradskoy oblasti (for Shornikov).
13. Vsesoyuznyy nauchno-issledovatel'skiy institut torfyanoy promyshlennosti (for Sopin).
(Peat industry)

SHORNIKOV, P. N.

BELOGAY, V.M.

25(1) p-3 PHASE I BOOK EXPLANATION 807/1440

Mashino-tekhnicheskoye obshchestvo mashinostroitel'noy promyshlennosti. Leningradskoye obshchestvo prakticheskoye
Lit'ya povyshennoy tochnosti (High-precision Casting) Moscow, Masgidis, 1958. 196 p. (Series: Itai Shornik, No. 43) 7,000 copies printed.

M. I. A. M. Schulov) Tech. Ed.: L. Y. Sokolova; Managing Ed. for Literature on Machine-building Technology (Leningrad Division, Masgidis); Ye. P. Mamov, Engineer.

PURPOSE: This book is intended for engineers and technicians at factories and planning and research institutes.

COVERAGE: The book contains the transactions of a special conference called in November, 1956 by the Leningrad Oblast Administration of the Mashino-tekhnicheskoye obshchestvo (Scientific and Technical Society of the Machine-building Industry). The articles describe advanced techniques used in

part 1/3

High-precision Casting	807/1440
Sobolev, A.D. Experience Gained in the Production of Large Pressure Castings	150
Kvasil'chobik, N.L. Experience Gained in Press Die Casting	156
Mednikov, I.G., and R.M. Trofimov. Press Die Casting	168
Belousov, M.K., and A.A. Dodonov. Production of Castings with the Aid of Suction	176
Shornikov, P.N. Production of Casting Molds by Pressing in Hydraulic Presses	185
Vishnyakov, N.Y. Increasing the Precision of Castings Made in Sand Molds	190

AVAILABLE: Library of Congress 80/71 5-5-59

part 5/5

SHORNIKOV, P.N.

Making molds by pressing on hydraulic presses. [Izd.] LONITOMASH
45:185-189 '58. (MIRA 11:6)
(Molding (Founding)) (Hydraulic presses)

SHORNIKOV P. N.

p 56, 7, 8

PHASE I BOOK EXPLOITATION

SOV/4590

Krasivnitskiy, Nikolay Nikolayevich, Aleksandr Mikhaylovich Kucher,
Baiza Viktorovna Pugacheva, and Petr Nikolayevich Shornikov

Tekhnologiya metallov (Metals Technology) Moscow, Mashgiz, 1960. 499 p.
Errata slip inserted. 40,000 copies printed.

Reviewers: N. A. Malyshev, Engineer, and K. P. Surin, Engineer; Ed.: V. A.
Elyumberg, Candidate of Technical Sciences; Eds. of Publishing House: A. I.
Varkovetskaya, and M. A. Ghas; Tech. Ed.: A. I. Kontorovich; Managing Ed.
for Literature on Machine-Building Technology (Leningrad Department, Mashgiz):
Ye. P. Naumov, Engineer.

PURPOSE: This textbook is intended for engineering trade school students.

COVERAGE: The textbook presents the material covered in the course on metals
technology as established in the engineering trade educational program
and approved by the Gosudarstvennyy Komitet Soveta Ministrov SSSR po profes-
sional'no-tekhnicheskomu obrazovaniyu (State Committee of the Council of
Ministers USSR for trade and technical education). The fundamentals of physical
metallurgy are analyzed.

Card 1/12

SOV/4590

Metals Technology

Casting, pressworking, soldering, brazing, welding, cutting, bench work-
ing and electrical machining of metals are discussed. Concise information
on nonmetallic materials, including plastics, is also given. The text
describes various metal-cutting machine tools. No personalities are mentioned.
There are no references.

TABLE OF CONTENTS:

Introduction	3
PART I. FUNDAMENTALS OF PHYSICAL METALLURGY	
Ch. 1. Basic Information on Metallography (P.V. Pugacheva)	7
1. Essentials and significance of metallography	7
2. Inner metal structure	7
3. Processes of crystallization in metals; formation of crystals	12
4. Allotropic transformations in metals	15
5. Metal alloys, their structure and crystallization	16
6. Binary-alloy equilibrium diagrams and their construction	19
7. Properties of alloys depending on their composition and structure	25
8. Methods of investigating the metal structure	26

Card 2/12

SOV/4590

Metals Technology

	212
48. Properties of plastics	213
49. Methods of fabricating articles made of plastics	216
50. Use of plastics in machine building	
Ch. X. Abrasive Materials and Products (R. V. Pugacheva)	218
51. Abrasive materials, their types and characteristics	218
52. Abrasive tools	220
53. Materials for lapping and buffing	223
Ch. XI. Lubricants and Coolants (R. V. Pugacheva)	225
54. Lubricants and their use in the industry	225
55. Cooling lubricants	226
PART III. FOUNDRY	
Ch. XIII. Production of Metals and Alloys (P. N. Shornikov)	229
56. Melting units	229
57. Requirements for cast alloys	232
58. Casting of iron	233

Card 6A2

	807,4990	
Metal Technology		236
Ch. XIII. Manufacturing of Castings		236
59. Patterns and core boxes		238
60. Preparation of mold and core mixtures		240
61. Molding		247
62. Filling of molds, shaking out, and cleaning of castings		
Ch. XIV. Special Types and Quality Inspection of Castings (P. N. Shornikov)		249
63. Special casting methods		249
64. Quality inspection of castings and repair of defects		253
PART IV. METHODS OF METALWORKING		
Ch. XV. Pressworking of Metals (P. N. Shornikov)		255
65. Factors affecting ductility in the pressworking of metal		255
66. Temperature range in hot working and the heating of metals		258
67. Rolling		262
68. Cold rolling and drawing		266

Card 7/18

KROPIVNITSKIY, Nikolay Nikolayevich; KUCHER, Aleksandr Mikhaylovich;
PUGACHEVA, Raisa Viktorovna; ZHORNIKOV, Petr Nikolayevich;
MALYSHEV, N.A., inzh., retsenzent; SURIN, K.P., inzh.,
retsenzent; BLYUMBERG, V.A., kand. tekhn. nauk, red.;
VORKOVETSKAYA, A.I., red. izd-va; CHFAS, M.A., red. izd-va;
KONTOROVICH, A.I., tekhn. red.

[Technology of metals] Tekhnologiya metallov. [By] N.N. Kro-
pivnitskii i dr. Moskva, Mashgiz, 1962. 499 p.
(MIRA 15:9)

(Metals)

(Metalwork)

KROPIVNITSKIY, N.N.; KUCHER, A.M., kand. tekhn. nauk;
PUGACHEVA, R.V.; SHORNIKOV, P.N.; BYCHKOV, P.P., kand.
tekhn. nauk, retsenzent; MALYSHEV, N.A., inzh., retsenzent

[Technology of metals] Tekhnologiya metallov. [By] N.N.
Kropivnitskii i dr. Izd.2., perer. i dop. Moskva, Izd-vo
"Mashinostroenie," 1964. 502 p. (MIRA 17:8)

BERZIN, A. K.; VITOLBENTS, G. Ch.; SULIN, V. V.; SHORNIKOV, S. I.

"Gamma-activation analysis of rock samples."

report presented at Symp on Radiochemical Methods of Analysis, Salzburg, Austria,
19-23 Oct 64.

1 8377-65 EWT(m)/ERA(k) ASD(a)-S/REKL
ACCESSION NR: AR4044031

S/0058/63/000/011/4022/4022

SOURCE: Ref. zh. Fizika, Abs. 11V153

AUTHOR: Berzin, A. K.; Meshcheryakov, R. P.; Shornikov, S. I.; Yakovlev, B. M.

TITLE: The connection between the width of the giant resonance of the (γ, n) -
reaction and filling of the energy levels of the nucleus

CITED SOURCE: Izv. Tomskogo politekhn. in-ta, v. 122, 1962, 14-18

TOPIC TAGS: isotope, threshold energy, giant resonance

TRANSLATION: Measures the threshold energies for certain isotopes of the Mo and Nd nuclei. Threshold energies in the (γ, n) -reaction for the isotopes Mo⁹², Mo⁹⁴, Mo¹⁰⁰, Nd¹⁴², and Nd¹⁵⁰ are determined by the method of induced activity, and for the isotopes Mo⁹⁷ and Nd¹⁴⁵—by the method of direct neutron registration. The values of the threshold energies of the other isotopes were determined while processing the general curve of the yield of photon neutrons from all isotopes of a given element. It is shown that for isotopes each containing 8 neutrons above the filled shell

Card 1/2

L 8377-65

ACCESSION NR: AR4044031

there are observed somewhat too high values of the threshold energies of the (γ, n) -reaction. There were also studied cross sections of the (γ, n) -reactions for isotopes of La, Ce, and Pr¹⁴¹, Nd, Nd¹⁴², and Nd¹⁵⁰. The authors note that the insignificant difference in the widths of the giant resonances for the Nd¹⁵⁰ isotope and nuclei having a filled neutron shell indicates slight deformation of the Nd¹⁵⁰ nucleus, since strongly deformed nuclei have high values for the giant resonance width. From this fact (together with data on the thresholds of the (γ, n) -reaction) the authors conclude that for the Nd¹⁵⁰ isotope there is no filling of the $2f_{7/2}$ level or realization of any other configuration.

SUB CODE: NP

ENCL: 00

Card 2/2

SHORNIKOV V.

Kazakhstan - goats

Kazakhstan goats. Mol. Kolkh. 19 No. 4, 1952.

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

SHOMIKOV, V. G.

SHOMIKOV, V. G. - "Investigation of the Operation of the Mixer in a Bottledgas
Automobile." Kiev Automobile and Highway Inst, Min of Higher Education USSR, Kiev, 1955
(*Disertations for Degree of Candidate of Technical Sciences*)

See *Kakhsnaya Gidrazia* No. 15, June 1955, Moscow

NEBIS, A.I., SHORNIKOV, V.P.

Aneurysm of the descending thoracic aorta. Vrach.delo no.6:631
Je '58 (MIRA 11:7)

1. Kafedra gospital'noy terapii (zav. - prof. Ye.I. TSukershteyn)
Karagandinskogo meditsinskogo instituta i Karagandinskoy oblastnoy
klinicheskoy bol'nitsy.
(AORTIC ANEURYSMS)

L 55961-65 EWT(m)/EPF(c)/EPF(n)-2/EPR/T/EWP(t)/EWP(b)/EWA(c) Pr-L/Ps-L/Pu-L

IJP(c) JD/WJ/JW/JG
ACCESSION NR: AP5009368UR/0363/65/001/002/0201/0203
546.34'161+546.831'161AUTHOR: Korenev, Yu. M.; Novoselova, A. V.; Glinskiy, K. K.; Shornikov, V. V.TITLE: Study of the lithium fluoride-zirconium tetrafluoride system

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 1, no. 2, 1965, 201-203

TOPIC TAGS: lithium fluoride, zirconium tetrafluoride, phase diagram, thermal analysis, x ray diffraction analysis

ABSTRACT: The LiF-ZrF_4 system was investigated by the differential thermal analysis and x-ray diffraction. Lithium fluoride and ammonium fluorozirconate were used for preparing the mixtures. After the removal of ammonium fluoride by distillation the specimens were placed in a platinum crucible with a tightly fitting cover and put into a furnace, which had been preheated above the melting point of the composition. Following melting the cooling curves were recorded. The gravimetric analysis indicated an insignificant loss of zirconium during the recording of the cooling curves. The phase diagram of the LiF-ZrF_4 system is shown in fig. 1 of the enclosure. Three compounds were found in this system: Li_4ZrF_8 , Li_3ZrF_7 and Li_2ZrF_6 .

Card 1/02

L 55961-65

ACCESSION NR: AP5009368

It was established that Li_3ZrF_8 is stable as a solid up to 464°C . Li_3ZrF_7 exists above 474°C . It melts congruently at 640°C . It was found that Li_2ZrF_6 is formed according to the peritectic reaction: melt $\stackrel{570^\circ}{\rightleftharpoons} \text{Li}_2\text{ZrF}_6$. Orig. art. has: 1 figure.

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

SUBMITTED: 24Oct64

ENCL: 01

SUB CODE: IC, SS

NO REF SOV: 002

OTHER: 004

Card 2/3

SHORNIKOV, Ye.

Program control of a thermal system. Radio no.6:39-40 Je '61.
(MIRA 14:10)

(Automatic control)
(Electronics--Equipment and supplies)

SHORNIKOV, Ye.A.

The LTASh-58 miniature electric moisture meter. Der.prom. 8
no.4:25 Ap '59. (MIRA 12:6)
(Moisture--Measurement)

SHORNIKOV, Ye.A. (Leningrad)

Miniature electric hygrometer. Prom. stroi. 37 no.11:52-53 N '59.
(MIRA 13:2)

(Hygrometry)

SHORNIKOV, Ye.A., Inzh.

Calculation of specific gravity and of volume of steam.
Teploenergetika 12 no.1:93-94 Ja '65.

(MIRA 18:4)

1. Tsentral'nyy kotloturbinnyy institut.

SHORNIKOV, Ye.I.

Distinguishing Caspian elements in the Ostracoda fauna of the
Azov-Black Sea basin. Zool. zhur. 43 no.9:1276-1293 '64.

(MIRA 17:11)

1. Kafedra zoologii Donskogo sel'skokhozyaystvennogo instituta,
Novocherkassk.

SHORNIKOVA, A.F., inzh.; KURDYAYEV, B.S., inzh.

Industrial tests of the SVS-25 classifier with coal preparation
in a "fluidized" bed. Ugol' 37 no.2:37-40 F '60.

(MIRA 15:2)

1. Karagandagiproshakht.

(Separators(Machines))

(Coal preparation)

DZHINCHVELASHVILI, K. P.; TISHCHENKO, K. I.; SHORNIKOVA, A. S.

Putting into operation and adjustment of a new ore dressing plant of the "Chiaturamarganets" Trust. Obog. rud. 7 no.6: 29-36 '62. (MIRA 16:4)

1. Trest "Chiaturmarganets" (for Dzhinchvelashvili).
2. Mekhanobrchermet (for Tishchenko, Shornikova).

(Chiatura region--Ore dressing)

ROSKIN, G.I.; SHORNIKOVA, M.V.; OPARIN, A.I., akademik.

Histochemical differences in sensory and motor nerve cells. Dokl. AN SSSR 93
no.2:349-352 N '53. (MLRA 6:10)

1. Akademiya nauk SSSR (for Oparin).

(Nerves)

SHORNIKOVA, M. V.

USSR/ Biology - Neurology

Card : 1/1

Authors : Roskin, G. I., Zhirnova, A. A., and Shornikova, M. V.

Title : Comparative histo-chemistry of sensitive cells of spinal ganglia and motor cells of the spinal cord

Periodical : Dokl. AN SSSR, 96, Ed. 4, 821 - 832, June 1954

Abstract : Nerve cells of various functional types can be characterized, not only morphologically, but also histo-chemically, which was proved by the study of the sensitive cells of spinal ganglia and motor cell of the spinal cord. The histo-chemical differences in an entire series of protoplasmatic components were not only of quantitative, but also of cyto-topographic order. Another significant moment is that the differences between two types of nerve cells pertain not only to the cytoplasm, but also to the nucleus. Two references.

Institution : The M. V. Lomonosov State University, Moscow, USSR

Presented by: Academician A. I. Abrikosov, April 5, 1954

SHORNIKOVA, M.V.

Comparative histochemical investigation of the sulfhydryl
groups in smooth muscle. *Sitologia* 2 no.3:325-336 My-Je
'60. (MIRA 13:7)

1. Kafedra gistologii Moskovskogo universiteta.
(MERCAPTO GROUP) (MUSCLE)

SHORNIKOVA, M.V. (Moskva, Ye-94, Gospital'nyy val, 5, korp.18, kv.360)

Comparative histochemistry of the glycogen in the smooth
musculature of various invertebrates and vertebrates. Arkh.
anat. gist.i embr. 39 no.9:44-52 S '60. (MIRA 14:1)

1. Kafedra gistologii (zav. - prof. A.N. Studitskiy) Moskovskogo
gosudarstvennogo universiteta.
(MUSCLES) (GLYCOGEN)

SHORNIKOVA, M. V., CAND BIO SCI, ¹¹ COMPARATIVE HISTOCHEMISTRY
OF THE SMOOTH MUSCLES. " MOSCOW, 1961. (ACAD SCI USSR. INST OF
MORPHOL / OF ANIMALS IM A. N. SEVERTSOV). (KL, 2-61, 206).

-103-

SHAUKI EL'-FTKI; SHORNIKOVA, M.V.

Succinic dehydrogenase cytoenzymology in Brown-Pearce tumor cells.
Biul.eksp.biol.i med. 57 no.5:80-82 My '64.

(MIRA 18:2)

1. Kafedra tsitologii i gistologii (zav. - prof. G.I.Roskin
[deceased]) Moskovskogo gosudarstvennogo universiteta imeni
Lomonosova. Submitted May 25, 1963.

SHORNIKOVA, M.V.

Cytochemistrū of DPN-H and TPN-H-tetrazolium reductases in
the secretory cells of the mammary gland. Dokl. AN SSSR
158 no.1:196-198 5-0 '64 (MIRA 17:8)

1. Moskovskiy gosudarstvennyy universitet. Predstavleno aka-
demikom Ye.N. Pavlovskim.

SHORNIKOVA, E.V.; SHAGKI EL' FIKI

Cytochemical study of acid phosphatase in the cells of the Brown-Pearce tumor and its metastases. Vop. onk. 11 no.4:56-61 '65.
(MIRA 18:8)

1. Iz kafedry tsitologii i gistologii Moskovskogo gosudarstvennogo universiteta (zav. - prof. G.I.Reskin).

C. A. SHORNIKOVA, N. M.

12

Significance of the carbohydrate moiety in evaluation of quality of dry-fruit grades of figs. V. I. Rogachev and N. M. Shornikova. *Biokhimiya Plodov i Oroshekoi Sbornik* No. 1, 124-31(1940).—Examn. of much material indicates the following chem. content necessary for high-grade fig material: sugar over 75%, pectin over 3.5%, starch not over 1.1%, cellulose not over 5.0%. For 2nd-grade product: sugar not less than 66%, pectin not less than 1.5%, starch not over 1.7%, cellulose not over 7%. The above figures are based on dried figs, with calcn. on abs. dry wt. An increase of the quality factors by 5-10% is called for in evaluation of fresh fruit. G. M. Kosolapoff -

CA

SHORNIKOVA, N.M.

12

Biochemical processes during ripening and wilting of fig fruit structures. V. I. Rogachev, N. M. Shornikova, and L. I. Grintser. *Biokhimiya Plodov i Osviizheni Sbornik* No. 1, 135-49(1949).—The best product for production of dried figs is obtained when the wilting can proceed spontaneously on the tree. During this process an intensive loss of H₂O occurs, with some loss of sugars and pectins, as a result of continuing metabolism. However, the rapid loss of H₂O actually causes a rise of concn. of the metabolites. There does not appear to be any change in cell permeability at this stage, and the nutritive properties and taste of the fruit are not lost. The content of EtOH and AcH increases during ripening, with a drop during wilting. Some varieties display a peak of EtOH content in mid-ripening; most of them, however, show smooth change at the beginning of wilting.

G. M. Kosolapoff

SHORNIKOVA, N.

Chemical Abstr.
Vol. 48 N. 8
Apr. 25, 1954
Food

Amino acid content of preserved meat. V. Grzhivo and N. Shornikova (All-Union Sci. Research Inst. Cannery Ind. ~~Ind. ~~Ind.~~~~ *Mysnaya Ind. S.S.S.R.* 24, No. 6, 59-61(1953).—Data are presented for the amt. of arginine, histidine, lysine, methionine, cystine, tyrosine, and tryptophan in various Russian canned pork, beef, and mutton, and of sausage products. One chart shows the original amino acid content of the raw meat and of samples of the same meat after canning in No. 9 cans and sterilization at 120°. The aggregate loss of amino acids was about 15% of that originally present. Pork was quite stable. M. M. P.

SHORNIKOVA, N.M.

Med ✓ An accelerated method for the determination of oils in 2/
canned vegetables. V. S. Grzhivo and N. M. Shornikova
(All-Union Sci. Research Inst. Canning Ind., Moscow).
Vsesoyuz. Nauch.-Issledovatel. Inst. Konserv. Prom., Refer-
aty Nauch. Rabot 1954, No. 2, 29-30.—The method consists
in filtering an av. sample, treating the filtrate with Na₂CO₃
and a gasoline which boils between 200 and 220°, taking an
aliquot of the fat soln., evapp. it in a glycerol bath, and
weighing the fat or oil. Werner Jacobson

GRZHIVO, V.S., kandidat tekhnicheskikh nauk; SHORNIKOVA, N.M., kandidat biologicheskikh nauk.

Composition of amino acids in canned foods. Trudy VNIIEP no.3:
76-87 '54. (MLRA 9:8)
(Food--Analysis) (Amino acids)

GRZHIVO, V.S.; SHORNIKOVA, N.M.

New extraction-weighing method for determining fat content in
canned food. Kons. i ov. prom. 12 no.1:39-42 Ja '57. (MLRA 10:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut konservnoy i
ovoshchesushil'noy promyshlennosti.
(Food--Analysis) (Canning industry--Equipment and supplies)

SHORNIKOVA, N.M.

Improve the quality of pickled tomatoes. Kons. i ov. prom. 14
no.4:9-10 Ap '59. (MIRA 12:5)

1. Ukrainskiy nauchno-issledovatel'skiy institut ovoshchevodstva i
kartofelya.

(Tomatoes--Preservation)

SHORNIKOVA, N.M.

Content of organic acids in pickled and soured vegetables.
Kons. i ov. prom. 14 no.7:28-29 JI '59. (MIRA 12:9)

1. Ukrainskiy nauchno-issledovatel'skiy institut ovoshchevodstva
i kartofelya.

(Vegetables--Preservation) (Acids, Organic)

SHORNIKOVA, N.M.; NAKONECHNAYA, G.F.; YAKOVLEVA, S.G.

Chemical and technological testing of cabbage varieties.
Kons.i ov.prom. 14 no.12:18-20 D '59. (MIRA 13:3)

1. Ukrainskiy nauchno-issledovatel'skiy institut ovoshchevod-
stva i kartofelya.
(Cabbage--Varieties)

SHORNIKOVA, N.M.

Selecting types of vegetables suitable for cultivation on bottom
lands. Kons.i ov.prom. 15 no.3:34-35 Mr '60. (MIRA 13:6)

1. Ukrainskiy nauchno-issledovatel'skiy institut ovoshchevodstva
i kartofelya. (Vegetable gardening)

SHORNIKOVA, N.M.; GRUSHKO, M.F.

Chemical and technological grading of rhubarb. Kons.1 ov.prom.
15 no.10:16-19 0 '60. (MIRA 13:10)

1. Ukrainskiy nauchno-issledovatel'skiy institut ovoshchevodstva
i kartofelya.

(Rhubarb)

SHORNIKOVA, Nina Mitrofanovna; MILOKOSTA, N.Ya., red.; SAVCHENKO,
M.S., tekhn. red.

[Processing of vegetables on collective and state farms] Pererobka ovochiv v kolhspakh i radhospakh. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961. 270 p. (MIRA 15:2)
(Vegetables)

SHORNIKOVA, N.M.; MEDVEDEVA, A.S.

New varieties of tomatoes for preservation. Kons.i ov.prom. 16
no.1:29-31 Ja '61. (MIRA 13:12)

1. Ukrainskiy nauchno-issledovatel'skiy institut ovoshchevodstva
i kartofelya.

(Tomatoes--Varieties)

SHORNIKOVA, N.M.

Planning and design of cabbage fermentation shops with cemented
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