KALASHNIKOV, V.I., inzh.; KUZIN, M.D., inzh.; ROZENFEL'D, V.S., inzh.; SHAVEL'ZON, M.V., inzh.

Automatization of technological processes in autoclaves. Stroi. mat. 5 no.6:18-20 Je '59. (MIRA 12:8)
(Autoclaves) (Automatic control)

ZAKHARASHEVICH, Inna Aleksandrovna; BELYAYEV, M.V., dotsent, retsenzent; GORDON, M.M., inzh., retsenzent; SHAVEL'ZON, M.V., inzh., retsenzent; YERMAKOV, N.P., tekhn.red.

[Design and adjustment of automatic regulators of thermal processes] Proektirovanie i nastroika avtoreguliatorov teplovykh protsessov. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1960. 259 p. (MIRA 14:2)
(Electronic control) (Heat engineering)

SHAVEL'ZON, M.V., inzh; KUZIN, M.D., inzh.

Overall automation of the thermal conditions of oper-hearth furnaces. Mont. i spets. rab. v strci. 24 no.10:12-14 '62. (MIRA15:10)

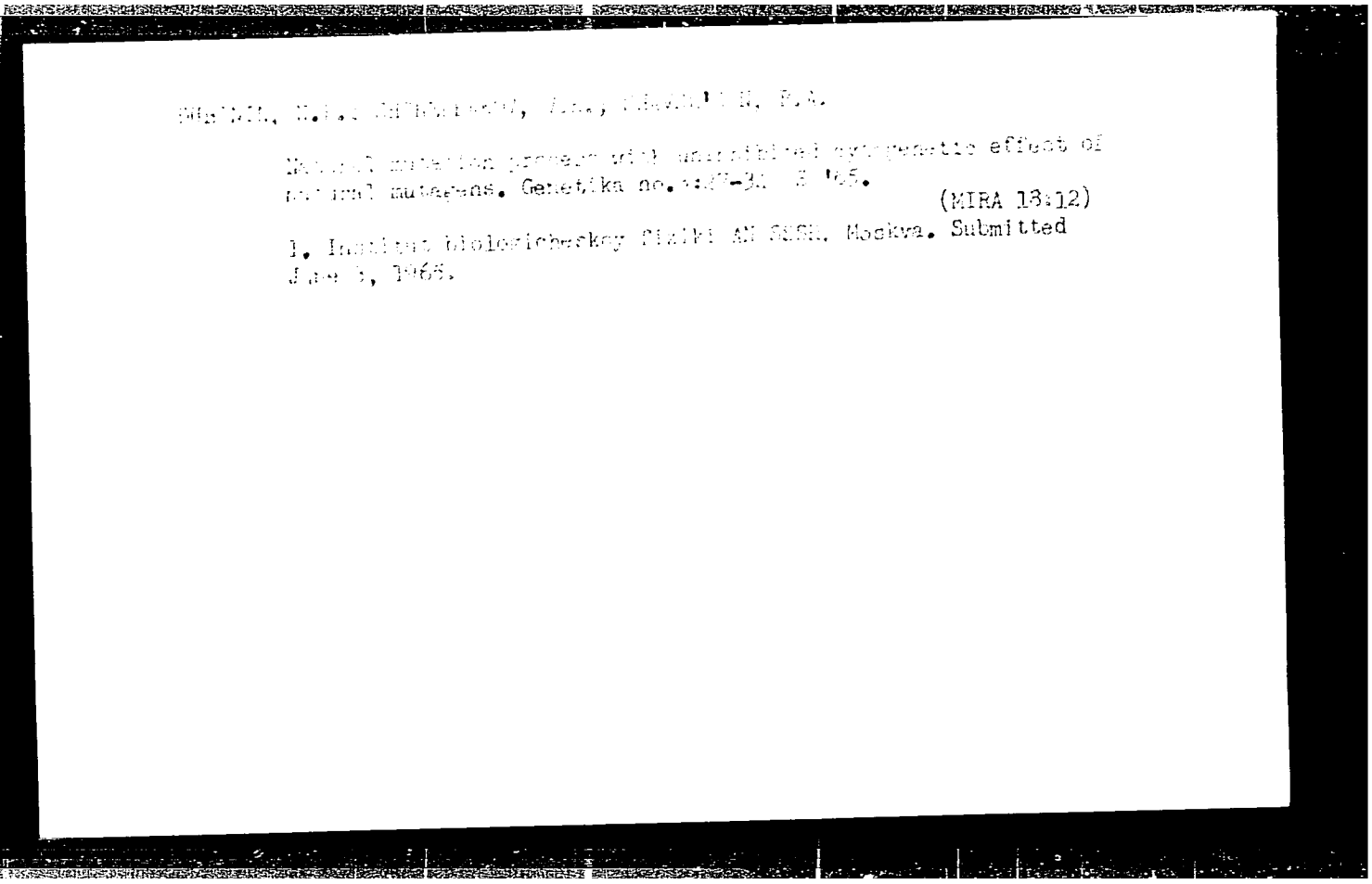
1. Spetsial'noye proyektno-konstruktorskoye byuro tresta Uralmontazhavtomatika.

(Automatic control)
(Open-hearth furnaces)

SHAVEL'ZON, R.A.

Collecting unicellular green algae under field conditions. Bot. zhur. 47 no.11:1654-1655 N '62. (MIRA 16:1)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.
(Algae)



[illegible], N.I., [illegible], Yu., [illegible] N. P.A.

[illegible] mutation process with quantitative estimation of effect of chemical mutagens. Genetika no.[illegible]:27-34 '65. (MIRA 18:12)

1. Institut biologicheskoy fiziki AN SSSR, Moskva. Submitted June 3, 1965.

[redacted]

Method of the primary selection of productive Chlorella strains. (MIRA 19:1)
Genetika no.5:65-67 M '65.

1. Institut biologicheskoy fiziki AN SSSR, Moskva. Submitted July 14, 1964.

SHAVENOZOVA, Ye.Z.

Genesis and treatment of peripleuritis [with summary in French].
Probl.tub. 36 no.1:40-43 '58. (MIRA 11:4)

1. Iz Mordovskoy respublikanskoy bol'nitsy, Saransk.
(THORAX, dis.
peripleuritis, pathogen. & ther. (Rus))

KLYUYEV, I.I.; SHAVENZOVA, Ye.Z.; IZMAYLOV, G.A. (Mordovskaya ASSR, Saransk, 1-y Sovetskiy per., d.15)

Radical surgical treatment of elephantiasis of the lower extremities. Ortop., travm. i protez. 24 no.3:60-62 Mr '63. (MIRA 17:2)

1. Iz 1-go khirurgicheskogo otdeleniya Respublikanskoy bol'nitsy Mordovskoy ASSR.

L 8855-66 EWT(d)/EWT(m)/EWP(v)/EWP(t)/EWP(k)/EWP(h)/EWP(b)/EWP(l)/EWA(h)/EWA(c) JD/HW

ACC NR: AP5026482 SOURCE CODE: UR/0286/65/000/019/0009/0009

INVENTOR: Zhukevich-Stosha, Ye. A.; Solov'yev, O. P.; Ritman, R. I.; Shaver, A. B.; Azimov, S. K.; Brovman, M. Ya.; Iskel', L. G.; Kurbatov, I. V.

ORG: none

TITLE: Planetary rolling mill. Class 7, No. 175025

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 19, 1965, 9

TOPIC TAGS: tube, tube rolling, rolling mill, metal rolling

ABSTRACT: This Author Certificate introduces a planetary rolling mill (based on Author Certificate No. 124398). For rolling tubes with variable cross section, the mill is equipped with a gear which meshes with the gears of the planetary rolls. The gear is turned by an auxiliary drive and a device which moves the mandrel during rolling, both of which are controlled by a copying attachment. Orig. art. has: 1 figure. [AZ]

SUB CODE: /3/ SUBM DATE: 29Jan64/ ATD PRESS: 4152

Card 1/1 UDC: 621.771.064

U.S.S.R. / Human and Animal Physiology. Metabolism. T

Abs Jour: Ref Zhur-Biol., No 5, 1958, 21875.

Author : Shaveradob S. A.
Inst : Not given.
Title : Oxidizing - Restorative Processes in Circulation Insufficiency.

Orig Pub: Sb. Naoutchn. Tr. Zesp. Clinitsch. Bolnitzi Arm. SSR. 1957, 1, 27-32.

Abstract: No abstract.

Card 1/1

SHAVERDOV, A.S. (Yerevan)

Critique of arguments presented by I.D.Perkel', S.P.Karpov, P.P. Dvizhkov, and IA.F.Zhorno defending inguinal lymphogranulomatosis (Nicolas-Favre disease) as an independent nosological entity. Vest. ven i derm. no.4:27-31 Jl-Ag '54. (MLRA 7:8)

(GRANULOMA INGUINALE,
*as independent nosol. entity)
(TULAREMIA, differential diagnosis,
*granuloma inguinale)

SHAVERDOV, Yuriy Shamirovich; KRAVCHINA, Ivan Petrovich; SIROTENKO, V.D., inzhener, redaktor; YUDSON, D.M., tekhnicheskiy redaktor.

[Testing and regulating the diesel generator of locomotives; experience of the Gudermes depot of the Ordzhonikidze railroad] Ispytanie i regulirovka dizel'generatornoi ustanovki teplovoza; opyt depo Gudermes Ordzhonikidzevskoi zh.d. Moskva, Gos.transp. zhel-dor.izd-vo, 1956. 49 p. (MIRA 9:6)
(Diesel locomotives--Testing)

SHAVERDOV, Yuriy Sharimovich, inzhener; RADIN, S.Ye., inzhener, redaktor; STIKHNO, T.V., tekhnicheskiy redaktor.

[Repairing and using storage batteries of diesel locomotives] Remont i ekspluatatsiia akkumuliatornykh batarei teplovozov. Moskva, Gos. transp.zhel-dor.izd-vo, 1957. 45 p. (MLRA 10:6)
(Storage batteries)
(Diesel locomotives)

SHAVKHDOV, Yu. Sh.

In the struggle for advanced technology. Elek. i tepl. tiaga no.4: 25-27 Ap '57. (MLRA 10:6)

1. Glavnyy inzhener teplovoznogo depo Gudermes Ordzhonikidzevskoy dorogi.

(Railroads--Repair shops)

BRATCHIK, F.P.; SHAVERDOV, Yu.Sh.

A leading diesel locomotive shed. Elek. i tepl. tiaga no.11:42-43 N '57. (MLRA 10:11)

1. Nachal'nik teplovoznogo depo Gudermes Ordzhonikidzevskoy dorogi (for Bratchik). 2. Glavnyy inzhener teplovoznogo depo Gudermes Ordzhonikidzevskoy dorogi (for Shaverdov).
(Gudermes--Diesel locomotives--Maintenance and repair)

SHAVERDOV, Yu.Sh.; APANOVICH, N.G., inzh.

Improved electric wiring system used for automatic control of diesel locomotives. Elek. i tepl. tiaga 2 no.2:16-18 F '58. (MIRA 11:4)

1. Glavnyy inzhener depo Gudermes Ordzhonikidzevskoy dorogi.
(Diesel locomotives)

ARKHIPOV, Yevgeniy Mikhaylovich; SHAVERDOVA, A.I., red.; FEKLISOVA, T.D., tekhn.red.

[Along the roads of Egypt] Po dorogam Egipta. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 123 p. (MIRA 12:6)
(Egypt--Description and travel)

GORBUNOVA, Natal'ya Nikolayevna; PTASHNIKOVA, Irina Vasil'yevna; SHAVERDOVA, A.I., red.; DOTSENKO, A.A., tekhn. red.

[Birth of a dream] Rozhdenie mechty. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1961. 100 p. (MIRA 14:7)
(Soviet Central Asia--Description and travel)

BARKHI, Leonid Davidovich; GIVARTOVSKIY, Lev Aleksandrovich; SHAVERDOVA, A.I., red.; MANINA, M.P., tekhn. red.

["Zaporozhets" car with small displacement] "Zaporozhets" mikrolitrazhnyi avtomobil. Moskva, Izd-vo "Fizkul'tura i sport, 1961. 149 p. (MIRA 15:2)
(Automobiles)

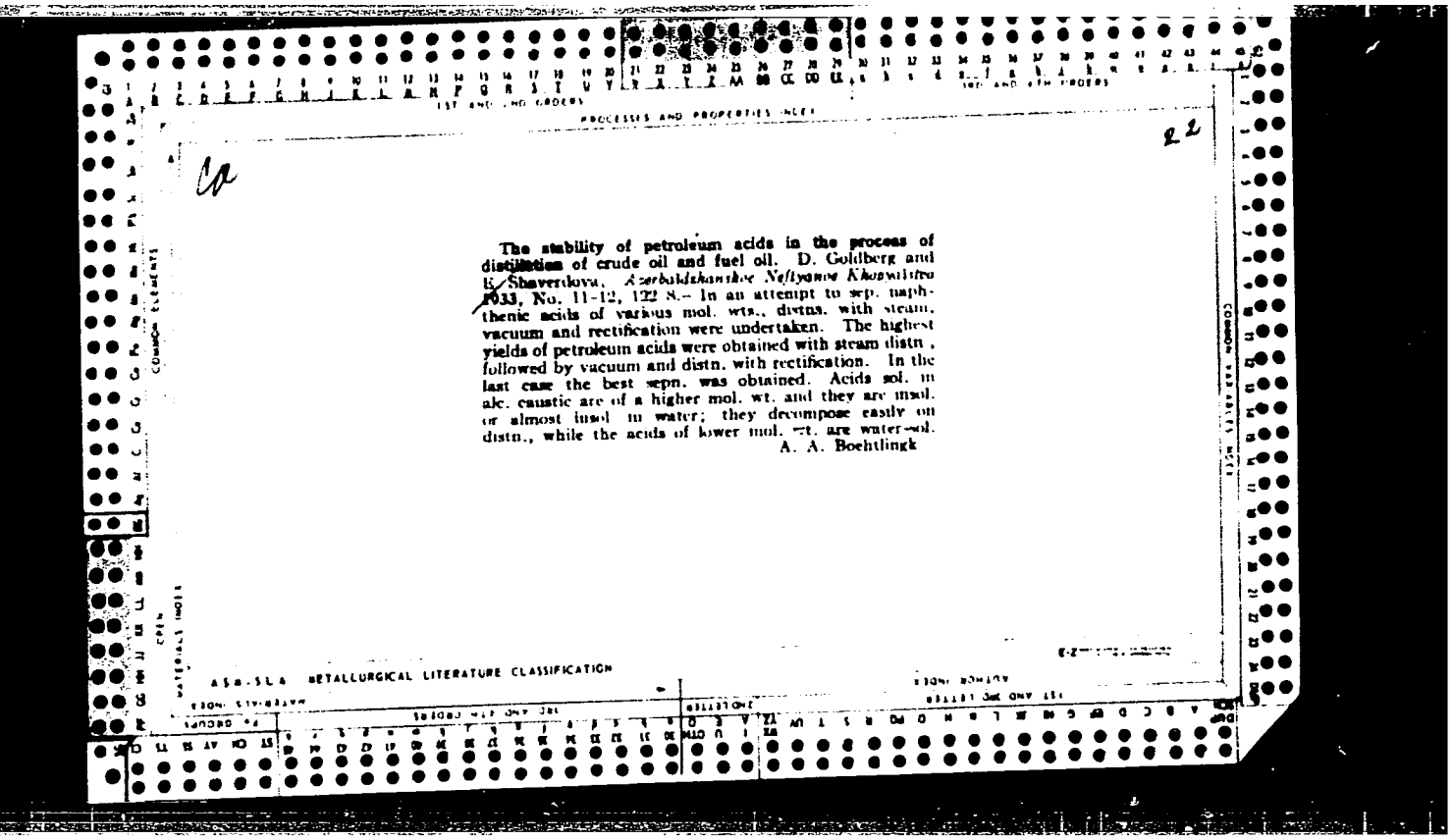
MOSKVIN, Boris Vladimirovich; SHAVERDOVA, A.I., red.; MANINA, M.P., tekhn. red.

[To the icy heart of the Urals] K ledianomu serdtsu Urala. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 79 p. (MIRA 15:2)

(Ural Mountain region--Tourism)

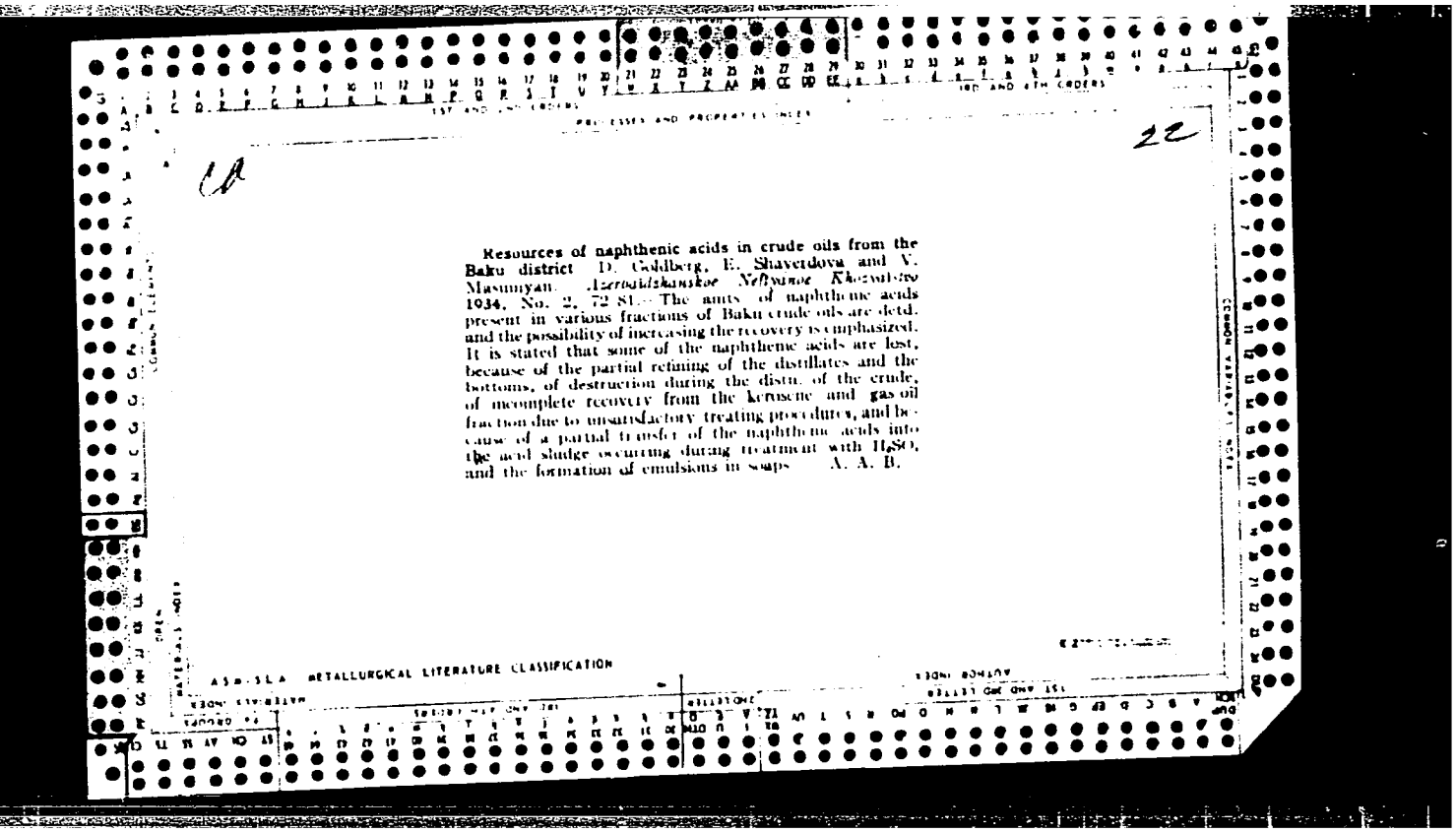
KOROSTELIN, Aleksandr Stepanovich; SHAVERDOVA, A.I., red.; SHAVERDOVA, A.I., ed.; MANINA, M.P., tekhn. red.

[Racing automobiles] Gonochnye avtomobili. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 144 p. (MIRA 14:11)
(Automobiles, Racing)

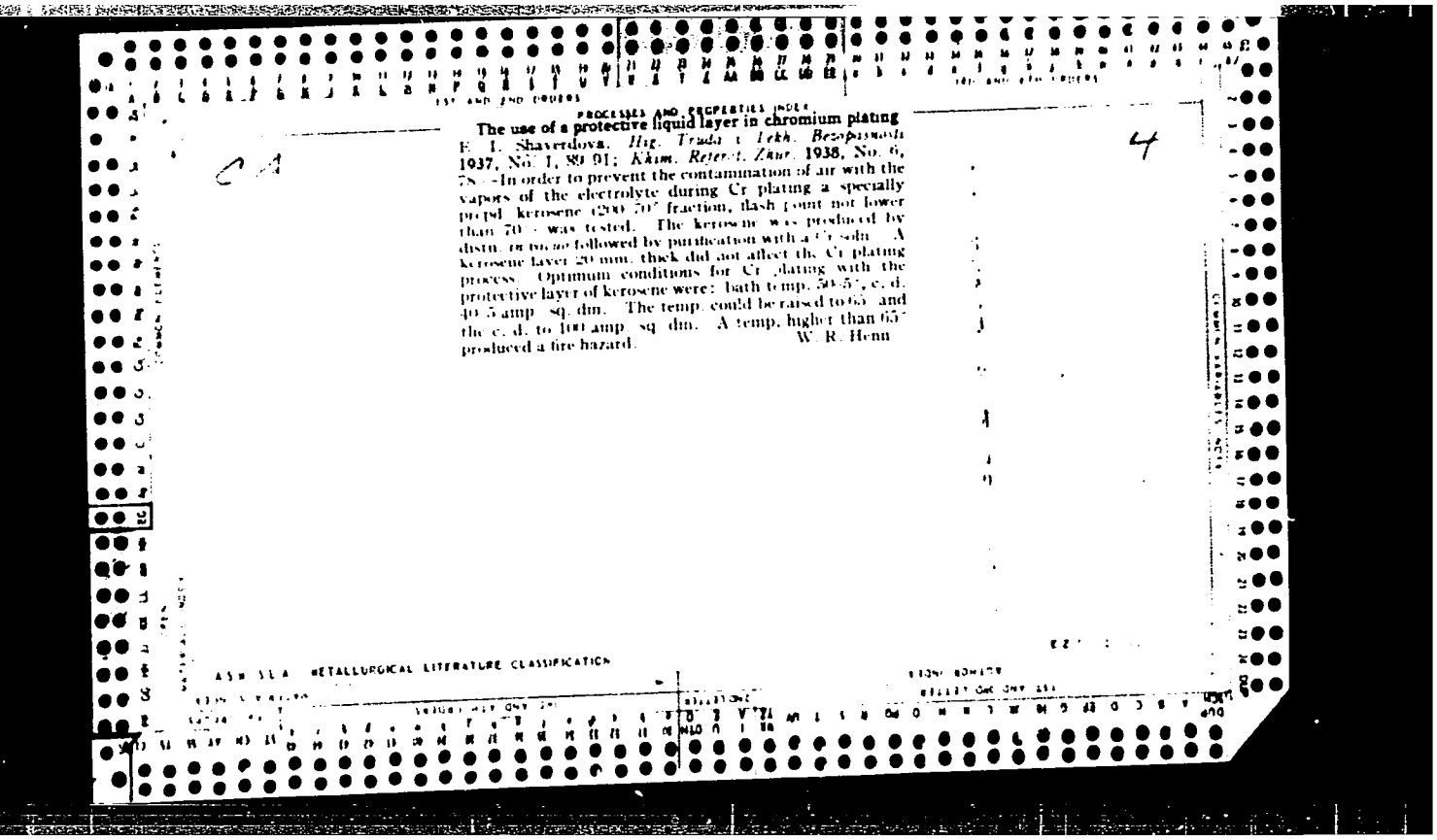


The stability of petroleum acids in the process of distillation of crude oil and fuel oil. D. Goldberg and E. Shaverdova. *Azerbaidzhanskoe Neftyanoe Khozyaistvo* 1933, No. 11-12, 122 S.— In an attempt to sep. naphthenic acids of various mol. wts., distns. with steam, vacuum and rectification were undertaken. The highest yields of petroleum acids were obtained with steam distn., followed by vacuum and distn. with rectification. In the last case the best sepn. was obtained. Acids sol. in alc. caustic are of a higher mol. wt. and they are insol. or almost insol. in water; they decompose easily on distn., while the acids of lower mol. wt. are water-sol.

A. A. Boehtlingk



Resources of naphthenic acids in crude oils from the Baku district. D. Goldberg, E. Shaverdova and V. Masumyan. *Azerneftekhimicheskoe Neftyanoe Khozyaistvo* 1934, No. 2, 72-81.—The amts. of naphthenic acids present in various fractions of Baku crude oils are detd. and the possibility of increasing the recovery is emphasized. It is stated that some of the naphthenic acids are lost, because of the partial refining of the distillates and the bottoms, of destruction during the distn. of the crude, of incomplete recovery from the kerosene and gas oil fraction due to unsatisfactory treating procedures, and because of a partial transfer of the naphthenic acids into the acid sludge occurring during treatment with H_2SO_4 and the formation of emulsions in soaps. A. A. B.



PROCESSES AND PROPERTIES INDEX

The use of a protective liquid layer in chromium plating

E. I. Shaverdova. *Mig. Trudu i Lekh. Besprisnosti* 1937, No. 1, 89-91; *Khim. Referat. Zhur.* 1938, No. 6, 78.—In order to prevent the contamination of air with the vapors of the electrolyte during Cr plating a specially prepd. kerosene (200-70° fraction, flash point not lower than 70°) was tested. The kerosene was produced by distn. in vacuo followed by purification with a Cr soln. A kerosene layer 20 mm. thick did not affect the Cr plating process. Optimum conditions for Cr plating with the protective layer of kerosene were: bath temp. 50-5°, c. d. 40-5 amp. sq. dm. The temp. could be raised to 65° and the c. d. to 100 amp. sq. dm. A temp. higher than 65° produced a fire hazard.

W. R. Henn

ASM SLA METALLURGICAL LITERATURE CLASSIFICATION

SHAVERDOVA, E. I.

Fundamental mechanisms of iodine sublimation dynamics. E. I. Shaverdova. *J. Appl. Chem. U.S.S.R.* 25, 993–9 (1952); *Zhur. Prikład. Khim.* 25, 919–26(1952).—Analysis of the sublimation process for iodine yielded a formula from which is deduced (1) the intensity of vaporization of I_2 into air is proportional to the concn. difference between solid and gaseous phase; (2) the intensity of vaporization depends on a "gravitational mobility factor" which increases with temp.; (3) the intensity increases with temp. with decrease in barometric pressure and increase in area. Experimentally, it was shown that iodine is supersatd. in the vapor above the focal point. Recommendations are given for the practical utilization of these results, namely, sublimation in the temp. range 115–120°. C. M. M.

SHAVERDYAN, A.S.

Secondary luetic eruptions of the skin and visceral mucosa and the erroneousness of Virchovian views on the interpretation of their pathogenesis. Izv.AN Arm.SSR.Biol.i sel'khoz.nauki 6 no.1:53-61 '53. (MLRA 9:8)

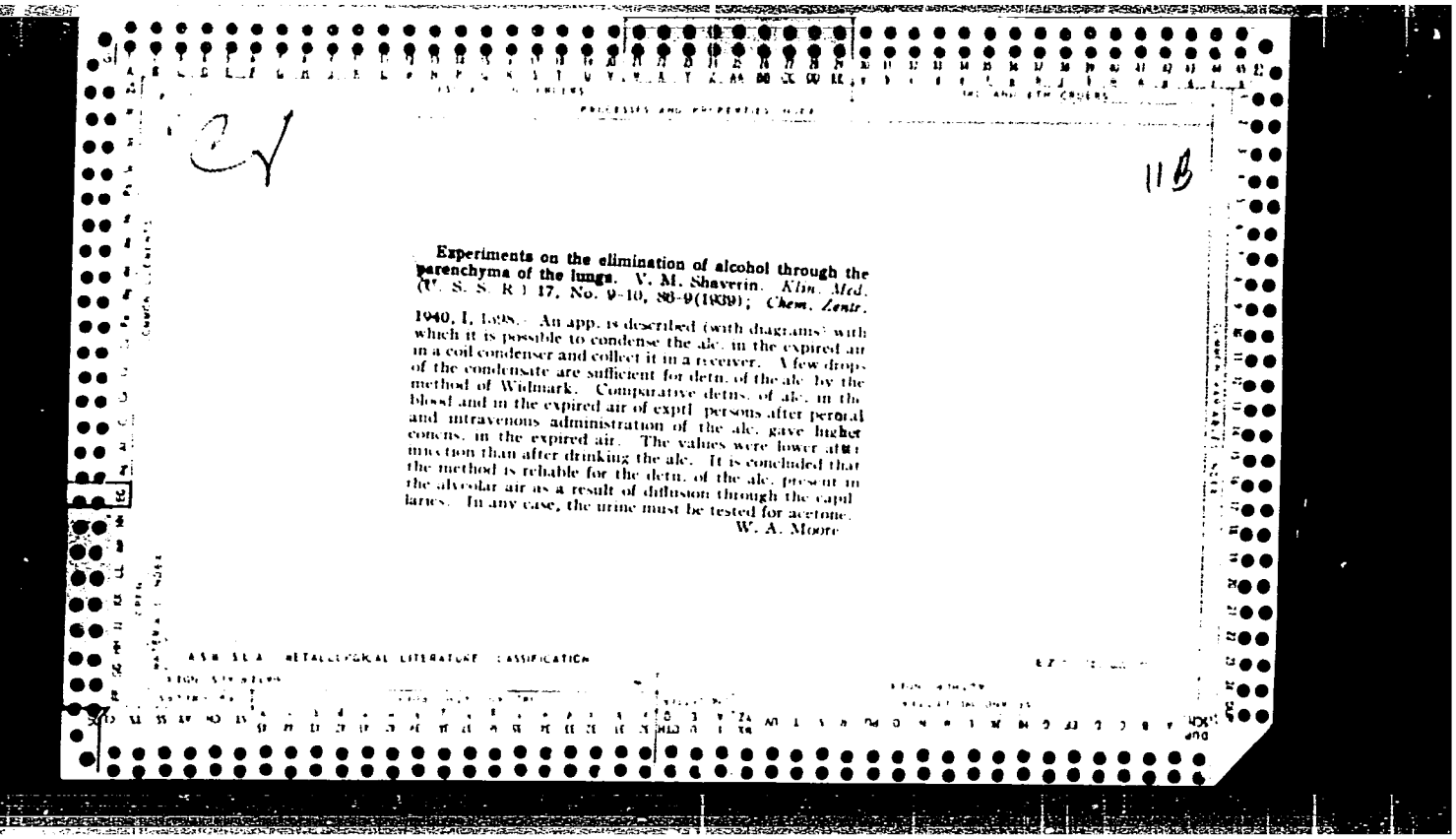
1. Institut rentgenologii i onkologii Ministerstva zdravookhraneniya Armyanskoy SSR.
(SYPHILIS) (MUCOUS MEMBRANE)

FANARDZHYAN, V.A., prof., red. (Yerevan); SHAVERDYAN, A.S., starshiy nauchnyy sotrudnik, red. (Yerevan); KYANDARYAN, K.A., kand. med.nauk, red. (Yerevan)

[Cancer and precancerous diseases of the skin and lip; proceedings of an interrepublic oncological conference, Erivan, October 4-8, 1954] Rak i predrakovye zabolevaniia kozhi i guby; trudy mezhrespublikanskoi onkologicheskoi konferentsii, Erevan, 4-8 oktiabria 1954 g. Erevan, 1956. 479 p. (MIRA 12:12)
(SKIN--CANCER) (LIPS--CANCER)

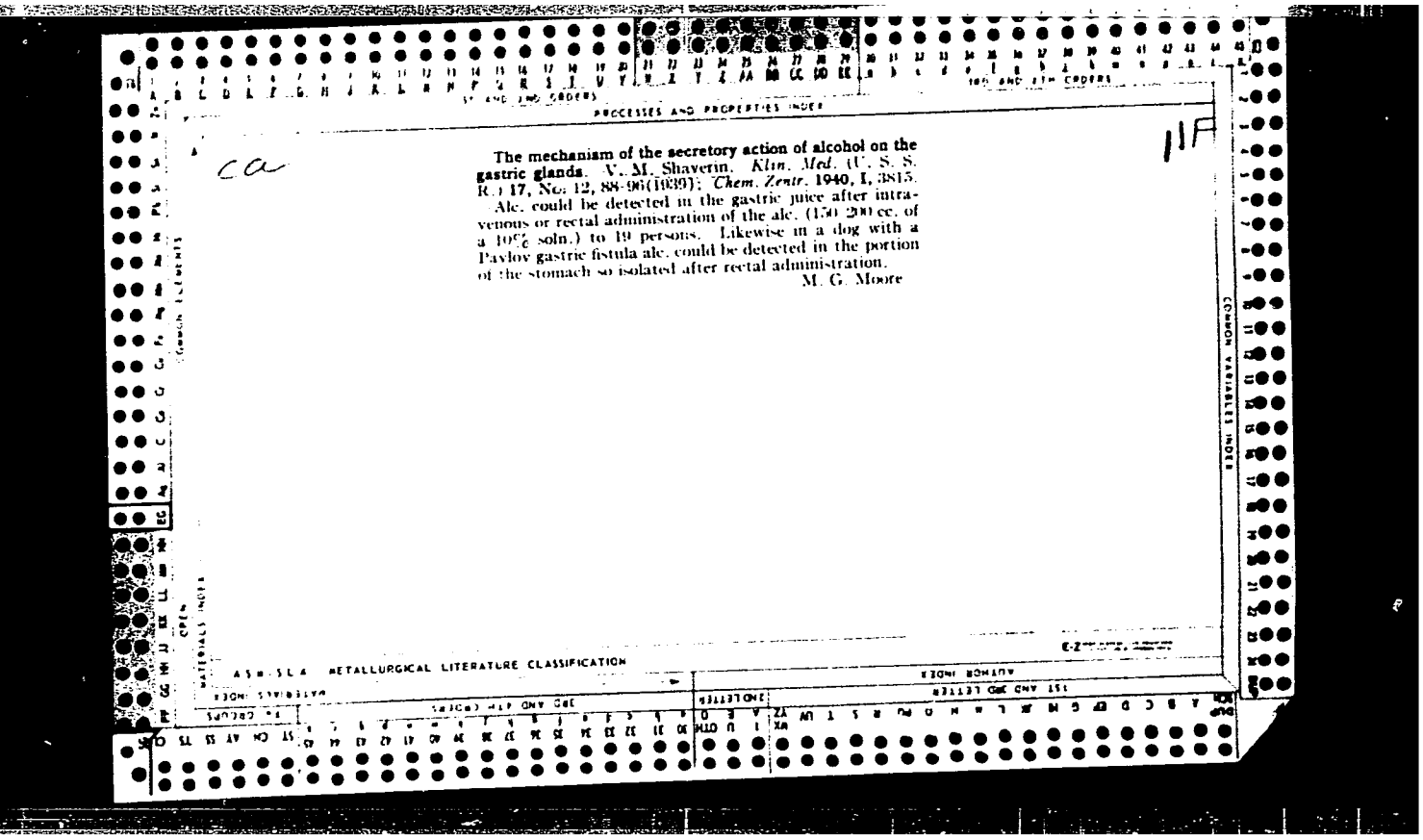
GRIGORENKO, Remir Vladimirovich; KOSHAYEVA, Vera Georgiyevna; SHAVERDYAN, El'vina Georgiyevna; CHECHULIN, A.S., red.; BASHMAKOV, G.M., tekhn. red.

[Reader on medicine for foreign students] Kniga dlia chteniia po meditsine dlia studentov inostrantsev; uchebnoe posobie. Moskva, Medgiz, 1963. 303 p. (MIRA 16:10)
(MEDICINE--STUDY AND TEACHING)



Experiments on the elimination of alcohol through the parenchyma of the lungs. V. M. Shaverin. *Klin. Med.* (U. S. S. R.) 17, No. 9-10, 88-9(1939); *Chem. Zentr.* 1940, I, 1598.—An app. is described (with diagrams) with which it is possible to condense the alc. in the expired air in a coil condenser and collect it in a receiver. A few drops of the condensate are sufficient for detn. of the alc. by the method of Widmark. Comparative detns. of alc. in the blood and in the expired air of exptl. persons after peroral and intravenous administration of the alc. gave higher concns. in the expired air. The values were lower after injection than after drinking the alc. It is concluded that the method is reliable for the detn. of the alc. present in the alveolar air as a result of diffusion through the capillaries. In any case, the urine must be tested for acetone.

W. A. Moore



PROCESSES AND PROPERTIES INDEX

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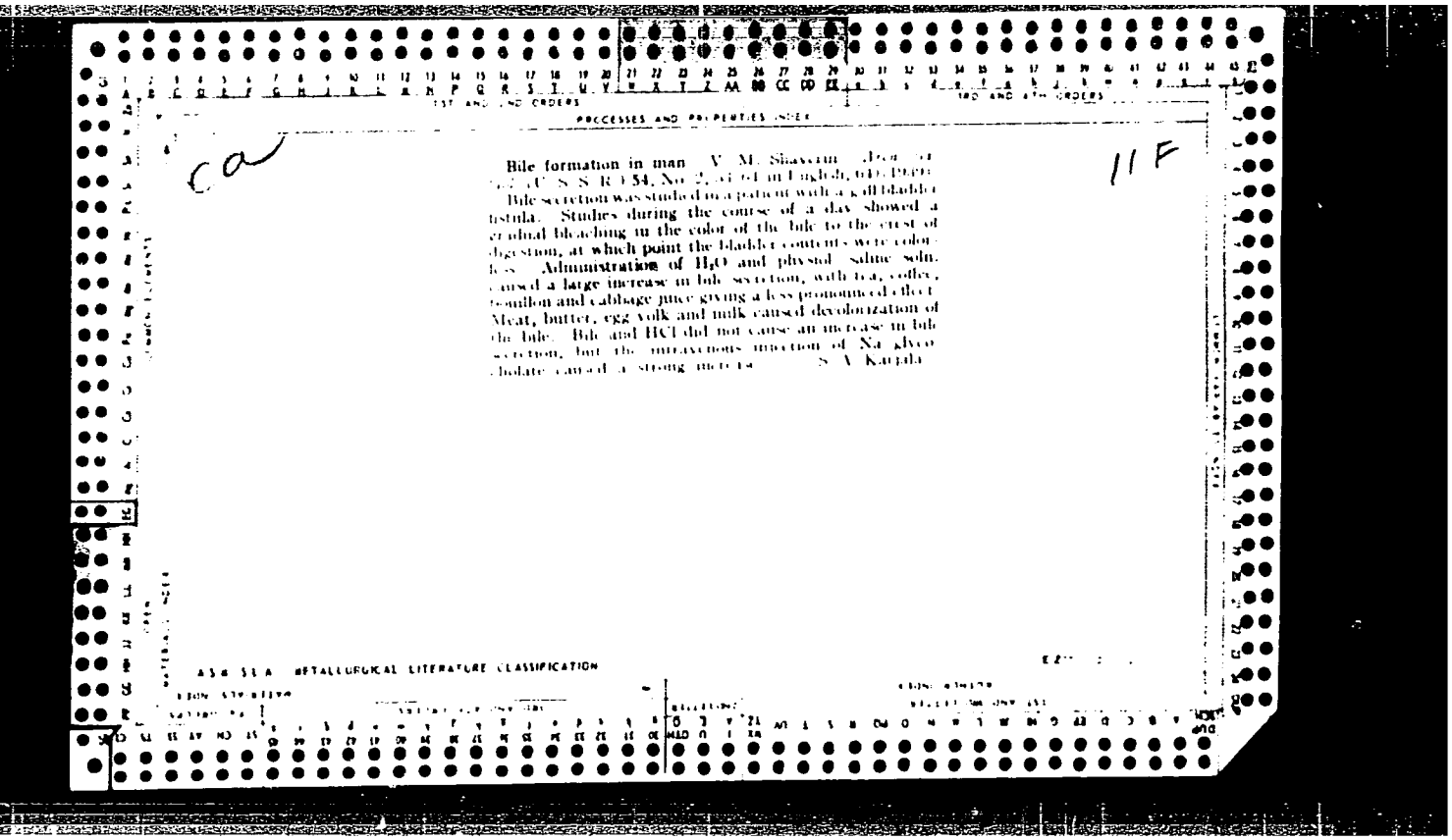
11F

The mechanism of the secretory action of alcohol on the gastric glands. V. M. Shaverin. *Klin. Med.* (U. S. S. R.) **17**, No. 12, 88-96(1939); *Chem. Zentr.* **1940, I**, 3815.

Alc. could be detected in the gastric juice after intravenous or rectal administration of the alc. (150-200 cc. of a 10% soln.) to 19 persons. Likewise in a dog with a Pavlov gastric fistula alc. could be detected in the portion of the stomach so isolated after rectal administration.

M. G. Moore

A.S.M.-S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

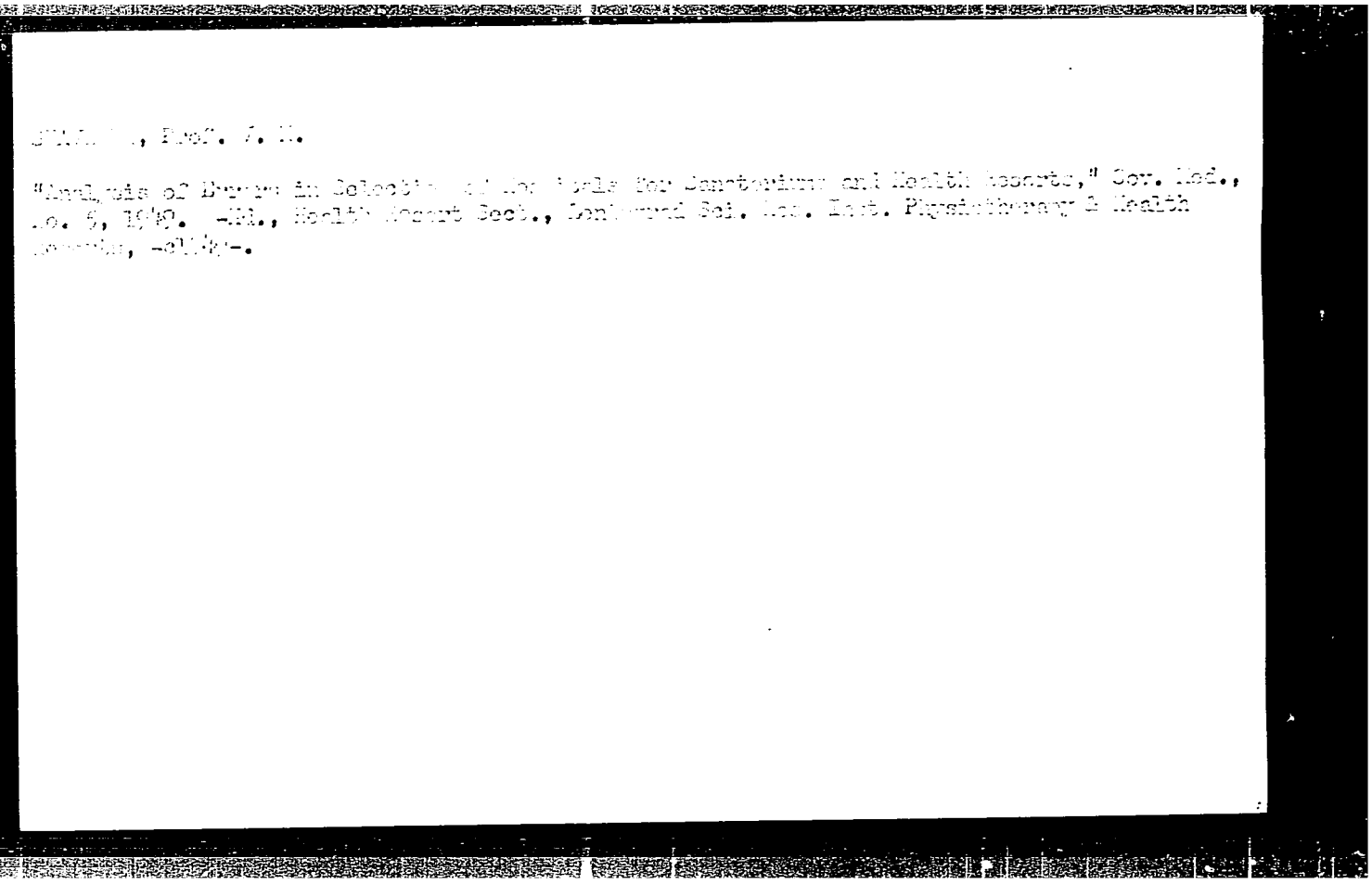


PROCESSES AND PROPERTIES INDEX

Bile formation in man. V. M. Shavrin. Abstract of ... (U.S.S.R.) 54, No. 2, 51-64 in English, 6 ... Pharm.

Bile secretion was studied in a patient with a gall bladder fistula. Studies during the course of a day showed a gradual bleaching in the color of the bile to the end of digestion, at which point the bladder contents were colorless. Administration of H_2O and physiol. saline solution caused a large increase in bile secretion, with tea, coffee, bouillon and cabbage juice giving a less pronounced effect. Meat, butter, egg yolk and milk caused decolorization of the bile. Bile and HCl did not cause an increase in bile secretion, but the intravenous injection of Na glycocholate caused a strong increase. S. V. Karpila

ASM SLA METALLURGICAL LITERATURE CLASSIFICATION



[illegible], Prof. V. M.

"[illegible] of Drugs in Selected [illegible] for Purposes of Sanitarium and Health Resorts," Sov. Med., No. 9, 1950. -Bib., Health Resort Sect., Central Sci. Res. Inst. Physiotherapy & Health [illegible], -1950-.

33308 SHAVERIN, V. M.

Snizheniye reaktivnosti organizama kak metod lecheniya yazvy zheludka i dvenadtsatiperstnoy kishki. Sov. meditsine, 1949, No 12, s. 31

USSR/Medicine - New Remedies Mar 51

"Application of Kampolon for the Treatment of Subacute Yellow Atrophy of the Liver," Prof V. M. Shaverin, Leningrad

"Klin Med" Vol XXIX, No 3, pp 43-46

In order to prevent subacute yellow atrophy of the liver, USSR kampolon as supplied by Leningrad Meat Combine was administered in cases of acute parenchymatous hepatitis (Botkin's disease). Treatment with this remedy was effective. There was no single case of lethal outcome. Kampolon should be used prophylactically in all cases of hepatitis and given

181T54

USSR/Medicine - New Remedies (Contd) Mar 51

in massive doses (5-10 g per day) whenever condition of patient shows signs of worsening. Of importance for therapeutic action is presence in kampolon of protein, Vitamin B_1, Vitamin B_6, and the antianemic factor (hemopoletin).

181T54

SHAVERIN, V. M.

LABUTIN, V.M.; SHAVERIN, V.M., professor, direktor.

Endarteritis obliterans and coronary insufficiency. Klin.med. 31 no.3:89 Mr '53. (MLRA 6:5)

1. Leningradskiy nauchno-issledovatel'skiy institut ekspertizy trudosposobnosti i trudoustroystva invalidov. (Arteries--Diseases)

1. KOZLOV, M.; SHAVERNEV, V.

2. USSR (600)

4. Coal Mines and Mining

7. Coal output has increased two times, M. Kozlov, V. Shavernev, Mast.ugl. 2 no. 2, 1953.

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

LAKSHINA, L.N.; SHAVERNEV, V.N.

Scientific economic conference. Vest. AN Kazakh. SSR. 21 no.9: 84-85 S '65. (MIRA 18:9)

SHAVERNOV, A.I. (Yelabuga)

In reference to a problem. Mat. v shkole no.5:40 S-O '58.
(MIRA 11:9)

(Geometry, Plane)

SHAVGULIDZE, T., inzh.

Improving brakes. Zhel. dor. transp. no.1:66-68 '47.
(MIRA 13:2)

(Railroads--Brakes)

SHAVIANIDZE, O. N., Cand of Med Sci -- (diss) "Influence of Balenological Factors on the Growth of Industrial Tumors in Experiments," Tbilisi, 1959, 16 pp (Tbilisi State Medical Institute) (KL, 2-60, 117)

SHAVIANIDZE, O.N.

Effect of balneological factors on the growth of experimental tumors. Soob.AN Gruz.SSR 23 no.2:193-198 Ag '59.
(MIRA 13:2)

1. TSkhaltubskiy filial nauchno-issledovatel'skogo instituta kurortologii i fizioterapii GruzSSR. Predstavleno chlenom-korrespondentom Akademii I.Ya.Tatishvili.
(MINERAL WATERS--PHYSIOLOGICAL EFFECT) (CANCER)

BLOKHIN, V.V.; SILVILOV, V.A.

Work of continuously functioning industrial conferences. Med. prom. 13 no.1:26-28 Ja '59. (MIRA 12:10)

1. Mediko-instrumental'nyy zavod "Krasnogvardeyets."
(WORKS COUNCILS)

SHAVIN, A., model'shchik

Mikhail Legkov's work in life. Sov.profsoiuzy 16 no.6:38-39 Mr '60. (MIRA 13:3)
(Stalinogorsk--Welding)

YENIKEYEV, Kh.M.; KOZLOV, D.N.; KRUZHILIN, M.P.; MEZHUYEV, B.N.; NALCHAN, A.G.; NIKULIN, A.I.; PANKIN, V.A.; SHAVIN, G.F.; LESNICHENKO, I.I., red. izd-va; SMIRNOVA, G.V., tekhn. red.

[Metal-cutting machines; kinematic adjustment of metal-cutting machines] Metallorezhushchie stanki; kinematicheskaia nastroika metallorezhushchikh stankov. Pod red. A.G.Nalchana. Moskva, Mashgiz, 1962. 179 p. (MIRA 16:2)

1. Moscow. Vsesoyuznyy zaochnyy mashinostroitel'nyy institut. Kafedra "Metallorezhushchie stanki i instrumenty." 2. Prepodavateli kafedry "Metallorezhushchiye stanki i instrumenty" Vsesoyuznogo Zaochnogo Mashinostroitel'nogo instituta (for all except Lesnichenko, Smirnova).
(Metal cutting) (Machinery, Kinematics of)

SHISHOVA, K.G.; SHAVINA, A.N.; SHIPUKHIN, A.Ya., red.; NAUMOV, A.A., tekhn. red.

[Index of Russian literature on public health in prerevolutionary Uzbekistan, 1868-1917] Ukazatel' otechestvennoi literatury po zdravookhraneniiu dorevoliutsionnogo Uzbekistana, 1868-1917. Tashkent, Medgiz UzSSR, 1961. 149 p. (MIRA 15:8)

(BIBLIOGRAPHY--UZBEKISTAN--PUBLIC HEALTH)
(UZBEKISTAN--PUBLIC HEALTH--BIBLIOGRAPHY)

~~SHIPEROVICH, V.~~ SHAVIRO, G.

Asphalt road emulsions. V. SHIPEROVICH, G. SHAVIRO AND O. PIPIK Azerbaidzhanskoye Neftyanoye Khozyaistvo 1929, No. 10, 36-46(1929).-Stable asphalt-water emulsions were obtained with the following emulsifying agents: (1) 3% bright "Kontakt," (2) 3% naphthenic acids, (3) 7% acid fuel and (4) 5% black "Kontakt" With the above emulsifying agents, e.g., with Binagadui asphalt of 0.9934 sp.gr., 30° softening point (Kraemer-Sarnow), penetration No. 150 at 25°, ductility 110 at 25°, acid no. 1.06 and sapon. no. 4.6, the addn. of 3-7% of an acid fuel, caustic soln. and water produced a satisfactory emulsion, while good results were obtained with an asphalt from Grozny asphalt base crude when 2% "Kontakt" and 2% naphthenic acids were added. The water used for emulsion should not be harder than 6° German scale. The following procedure for making emulsion based on lab. expts. is recommended: To the bitumen heated to 105-20° the required amt. of the emulsifying agent is added and the mixt. poured into an aq. soln. of NaOH heated to 50-60°. A. A. BOEHTLINGK

C A

12

– Chemical evaluation of quality of green-tea leaf and of black tea. M. N. Shavishvili. *Biokhimiya Chainogo Proizvodstva Sbornik* No. 5, 164–77(English summary 177–8(1946).—The most important variations as far as tea quality is concerned are found among tannin, cellulose, and hemicellulose components, with tannides being the most important pos. index. The detn. of the $KMnO_4$ no. in this respect is the most convenient and rapid estn. of quality, although the procedure may be accurate to not better than 10%. The coeff. obtained by division of the tannin content by the product of nontannins and H_2O-insols. gives a rapid estn. of deviation of quality from standard; a better index is the ratio of tannin to the sum of cellulose and hemicellulose.

G. M. Kosolapoff

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11 C

Inactivation of enzymes in production of green tea M. N. Shavishvili, *Biokhimiya Chainogo Proizvodstva, Sbornik* No. 6, 146-50(1956). Treatment of fresh tea leaves with hot steam for 1-2 min. inactivates the oxidative enzymes as well as β-glucosidase. Polyphenoloxidase is most sensitive and after 1-2 min. is substantially completely inactivated; peroxidase and the glucosidase retain a fraction of their activity after such treatment. The activities are not regenerated during the subsequent treatment of the tea matter. Generally a 2-min. exposure suffices in prevention of further enzyme action. G. M. Kosolapoff

CA

12

Changes in the tannins during manufacture of green tea. M. N. Shavishvili. *Biokhimiya Chainogo Proizvodstva Sbornik* No. 6, 151-7(1950).—Rapid steam treatment of the tea leaf causes very little change in the content and compn. of tea tannins. Further steps, drying and maceration, also cause only minor changes in the tannin complex that had been fixed by steam treatment. Polyphenolcatechol fraction suffers the greatest change as at the end of processing it amounts to 80% of initial level. This change is 4.5 times less than that encountered in the fermentation step of black-tea production. While pyrocatechol tannin fractions decline much during black-tea production, they are little affected in green-tea production; changes in pyrogallol fractions are similar for both types of tea. Probably the pyrocatechol tannins are changed enzymically, while pyrogallol fraction is oxidized by direct air action. G. M. K.

12

C A

Chemical control in production of green tea M. N. Shavishvili. *Biokhimiya Chainogo Proizvodstva Sbornik* No. 6, 158–62(1950). The color test for polyphenols (Ivanov, *Metody Fiziologii i biokhimii rastenii*, 1940, pp. 57–8) based on treatment with H_2O_2 permits establishment of a convenient color-scale standard for rapid tech. control of the steam treatment of the green tea leaf. The drying should proceed to 54–60% residual moisture. The twisting method of maceration should be carried up to about 45% crushing of the leaf cells. G. M. Kosolapoff

SHAVISHVILI, M.H.

New method for tea leaf fixation and refinement of processing cycles in the production of green leaf tea. Biokhim.chain.proizv. no.7:30-37 '59. (MIRA 13:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut chaynoy promyshlennosti, Anaseuli.
(TEA)

SHAVISHVILI, M.N.

Differentiated use of raw material and specialization of tea factories in the manufacture of particular types of tea. Biokhim. chain. proizv. no.8:63-78 '60. (MIRA 14:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut chaynoy promyshlennosti, Anaseuli. (Georgia--Tea)

SHAVISHVILI, M.N.

Effect of organomineral composts on the quality of raw and finished green loose leaf tea. Biokhim. chai n. proizv. no.9:76-80 '62. (MIRA 16:4)

1. Nauchno-issledovatel'skiy institut chaynoy promyshlennosti, Anaseuli. (Tea--Fertilizers and manures)

SHAVKATSISHVILI, L.D.

Study of the pests of the vegetable sponge (Luffa) found in Western Georgia. Soob. AN Gruz. SSR 15 no.3:183-188 '54. (MIRA 8:5)

1. Akademiya nauk Gruzinskoy SSR, Institut zashchity rasteniy, Tbilisi. Predstavleno chlenom-korrespondentom Akademii nauk L.P.Kalandadze.
(Georgia--Luffa cylindrica)

SHAVKATSISHVILI, L.D.

Results of field experiments in controlling the melon fly (Myioprrdalis pardalina) by means of DDT suspensions. Soob. AN Gruz. SSR 20 no.6: 701-706 Je '58. (MIRA 11:10)

1.Ministerstvo sel'skogo khozyaystva Grusinskoy SSR, Institut zashchity rasteniy, Tbilisi. Predstavlene chlenom-korrespondentom Akademii L.P. Kalandadze.
(Georgia--Fruit flies) (Melons--Diseases and pests)
(DDT (Insecticide))

KALANDADZE, L.P.; SHAVKATSISHVILI, L.D.

Studying several species of flies as vegetable pests in Georgia. Soob. AN Gruz.SSR 21 no.3:319-326 S '58. (MIRA 12:4)

1. Akademiya sel'skokhozyaystvennykh nauk GruzSSR i Institut zashchity rasteniy, Tbilisi. 2. Chlen-korrespondent AN GruzSSR (for Kalandadze).
(Georgia--Flies)
(Georgia--Vegetables--Diseases and pests)

GRINEVICH, Georgiy Petrovich, professor, doktor tekhnicheskikh nauk; RIDEL', E.I., kandidat tekhnicheskikh nauk, redaktor; SHAVKIN, G.B., inzhener, redaktor; YUDZON, D.M., tekhnicheskiy redaktor

[Mechanizing loading, unloading and storage work in railroad transportation] Mekhanizatsiia pogruzochno-razgruzochnykh rabot i sklady na zheleznodorozhnom transporte. Izd.3-e, Ispr. i dop. Moskva, Gos.transp.zhel-dor.izd-vo, 1955. 467 p. (MLRA 9:3)

(Railroads--Freight) (Conveying machinery)

SHAVKIN, Georgiy Borisovich; FEL'DMAN, M.G., inzhener, redaktor; STIKHNO, T.V., tekhnicheskiy redaktor

[Railroad marshalling yards in the United States] Sortirovochnye stantsii zheleznykh dorog SShA. Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 84 p. (MLRA 10:3)
(United States--Railroads--Hump yards)

SHAVKIN, G.B., redaktor; KHITROV, P.A., tekhnicheskiy redaktor.

[Regulations governing the technical operation of Soviet railroads] Pravila tekhnicheskoi ekspluatatsii zheleznykh dorog soiuza SSR. Moskva, Ges. transp. zhel-dor. izd-vo, 1956. 195 p. (MLRA 9:5)

1. Russia (1923- U.S.S.R.) Ministerstvo putey soobshcheniya. (Railroads)

SHAVKIN, G.B., inzh.

Some characteristics of the layout and technology of classification yards in the U.S.A. Zhe.dor.transp. 45 no.2:92-93 F '63. (MIRA 16:2)
(United States--Railroads--Hump yards)

SHAVKOVA, M. F.

Distr: 4E4j/4E2c(j)/4E3d

Unsymmetric organic α-oxides. XIV. Transformations of piperylene monoxide. P. G. Ponomarev, O. G. Kliarenko, and M. F. Shavkova (State Univ., Voronezh). *Zhur. Obshchei Khim.* 27, 1226–31(1957); cf. *C.A.* 49, 10850e.—Shaking 136 g. piperylene 3 hrs. with 0.8 l. 11% monochlorourea gave 24 g. chlorohydrins: *MeCH(OH)CHClCH:CH*$_2$, b_{10} 40–1°, d_{20} 1.0520, n_D^{20} 1.4510; *MeCH:CHCH(OH)CH*$_2$*Cl*, b_{10} 46–8°, 1.0594, 1.4580; and *MeCH(OH)CH:CHCH*$_2$*Cl*, b_{10} 80–3°, 1.2050, 1.4731. These in crude mixed state were slowly distd. from 60% KOH yielding 61.5% mixed oxides: *MeCH.CH(CH:CH*$_2$*).O*, b. 78–81°, d_{20} 0.8407, n_D^{20} 1.4135, and MeCH:CHCH.CH$_2$O, b. 102–4°, 0.8881, 1.4330. The former oxide over Al_2O_3 at 350° gave 75% product contg. 36% carbonyl compds.; the products b. 65–112°; these give the iodoform reaction and yield 1-penten-4-one semicarbazone, m. 225°. Heating the pure oxide with 1% H_2SO_4 in a sealed tube at 100° gave *4-pentene-2,3-diol*, b_{10} 78–9°, 0.9931, 1.4500. The oxide (8.4 g.) added to 29 g. Me_2CO and 0.19 g. $BF_3.Et_2O$ at −8° and kept overnight gave 17% *2,2,5-trimethyl-4-vinyldioxolane*, b. 128–30°, 0.8927, 1.4115, which shaken with 5% H_2SO_4 gave 4-pentene-2,3-diol. Similar reaction of the oxide with MeOH and $BF_3.Et_2O$ gave 32.6% *3-methoxy-1-penten-4-ol*, b_{14} 52–4°, 0.9241, 1.4234. The oxide heated with aq. Et_2NH 9 hrs. gave 21.5% *3-diethylamino-1-penten-4-ol*, b_{10} 66–7°, 0.8712, 1.4440.

G. M. Kosolapoff

6 2 May 3 1/1

SHAVKUN, B.I., inzhener.

New auxiliary equipment for mining. Shakht.stroi. no.2:16 F '57. (MIRA 10:7)
(Coal mines and mining--Equipment and supplies)

SHAVKUN, B.I.

Mine building exhibits at the 1958 World Fair. Shakht. stroi. no.4:19-20 '58. (MIRA 11:6)
(Brussels--Exhibitions)

SHAVKUN, B.I.

Equipment for concrete lining of mine shafts starting from the face. Biul.tekh.-ekon.inform. no.6:6-8 '58. (MIRA 11:8)
(Mining engineering)

MURAV'YEV, S.F.; SHAVKUN, B.I.

The BUS-1 unit for drilling blast holes in shafts. Biul.tekhn.-ekon.inform no.12:3-5 '60. (MIRA 13:12)
(Boring machinery)

BYDEROVSKIY, S.I., inzh.; GLADUN, I.N., inzh.; SHAVKUN, B.I.; LEYCHIK, V.M.

Record-speed shaft sinking at the Vaal Reef mine. Shakht.stroi. 4 no.2:30-32 F '60. (MIRA 13:5)
(South Africa, Union of --Shaft sinking)

MARKOVICH, Nikolay Mikhaylovich; BORISOV, Igor' Fedorovich; SHAVKUN, Boris Ivanovich; VISHNEVETSKIY, G.R., otv. red.; LAVRENT'YEVA, L.G., tekhn. red.

[Practice of introducing and using combination drills. The BU-1]Opyt vnedreniia i ekspluatatsii buril'noi vrashchatel'no-udarnoi ustanovki. BU-1. Moskva, TSentr. in-t tekhn. informatsii ugol'noi promyshl., 1962. 27 p. (MIRA 16:4)
(Boring machinery)

MIKHALENKOV, S.P.; STEPANOV, M.A.; SHAVKUN, B.I.; MALEVICH, N.A., doktor tekhn. nauk, prof., red.

[Mining machinery and equipment] Gornoprokhodcheskie mashiny i oborudovanie. Pod red. N.A.Malevicha. Moskva, 1962. 147 p. (MIRA 16:7)

1. TSentral'nyy nauchno-issledovatel'skiy i proyektno-konstruktorskiy institut podzemnogo i shakhtnogo stroitel'stva.
(Mining machinery)

BARINOV, V.I.; SHAVKUN, B.I.

The P23M drilling machine. Biul.tekh.-ekon.inform.Gos.nauch.-issl. inst.nauch.i tekh.inform. 18 no.1:19-20 Ja '65.
(MIRA 18:4)

SHAVKUN, B.I.

Introducing the KS-1M/6,2 set of mining equipment. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. 18 no.3:18 Mr '65. (MIRA 18:5)

SHAVKUN, B.I.

The P-29 rotary-percussion boring machine. Biul. tekh.-ekon. infrom. Gos. nauch.-issl. inst. nauch. i tekh. inform. 18 no.2: 22-23 F '65. (MIRA 18:5)

[redacted], S.I.

Manufacturing the SBSh-250 self-propelled machine for drilling holes. Biul. tekh.-ekon. inform. Gos. nauch. i tekh. inform. 18 no.7:10-12 Jl '65. (MIRA 18:9)

ABRAMSON, Kh.I.; SHAVAU[illegible], B.I.

Introduction of the PNB-3m loading machine. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. 18 no.7:12-14 Jl '65. (MIRA 18:9)

SHAVKUN, B.I.

Introducing the 2PPN-5 loader. P'ul.tekh.-ekon.inform.Gos.nauch.-issl. inst.nauch.i tekh.inform. 18 no.9:7-8 S '65. (MIRA 18:10)

SHAVKUN, B.I.; NAUMOV, A.A.

Introducing the UBS-5B unit. Biul.tekh.-ekon.inform.Gos. nauch.-issl.inst.nauch.i tekh.inform. 18 no.11:7 N '65. (MIRA 18:12)

SHAVRUN, B.I.

Manufacturing the 2SBU-70 automotive drilling machine. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. 18 no. 12:11-12 D '65. (MIRA 19:1)

SHAVKUN, B.I.; SHREYBER, B.P.

Introducing a set of the BC-1 equipment for the bituminization of a shaft. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. 18 no.10:8-9 O '65. (MIRA 18:12)

SHAYKIN, V. Ye. Cand Biol Sci -- "Effect of the practice of using stud rams upon the quantitative and qualitative indexes of ~~the~~ sperm, fertility of ~~the~~ ewes, and quality of ~~the breed~~ progeny." Kiev, 1959. (Min of Agriculture UkSSR. Ukrainian Acad Agr Sci), (KL, 1-51, 189)

SHAVKUN, V.Yu., nauchnyy sotrudnik

Interrelation between the method of using rams for breeding purposes and the development of their wool. Nauk,pratsi "Ask.-Nov." 9:45-50 '61. (MIRA 15:3)

(Rams) (Wool)

20227

S/135/61/000/004/006/012
A006/A101

(2300

AUTHORS: Shavkunov, A. V., Aksenov, N. A., Mugerman, Yu. N., Kolchinskiy, V. I. Engineers

TITLE: Welding of Titanium Alloys in Chambers with Controlled Atmosphere

PERIODICAL: Svarochnoye proizvodstvo, 1961, No. 4, pp. 24 - 25

TEXT: The high chemical activity of titanium and its alloys requires careful protection of the weld and the weld-adjacent zone against the gaseous atmosphere. When welding parts of complex contours it is recommended to carry out welding in special chambers. Information is given on manual argon arc welding of titanium-alloy and titanium parts in chambers of two types. Chamber No. 1 is a 0.05 m^3 1Kh18N9T steel cylinder of 1,300 mm internal diameter and 400 mm height. The cylinder top represents a cover fastened with bolts. The chamber is placed on a rotary table and can be rotated around the horizontal axis. In the top and in the walls there are plexiglass windows and apertures for fastening the rubber welding gloves. The chamber is equipped with electric light. The welding burner is fed through a cable which enters the chamber through a special hermetic inlet. The burner is a holder with a tungsten electrode. The absence of a nozzle

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S/135/61/000/004/006/012
A006/A101

Welding of Titanium Alloys in Chambers With Controlled Atmosphere

permits the access to any welding area. The chamber is connected with a vacuum pump, an argon cylinder and an oil manometer. The feed system and the electric circuit are given in Fig. 2 and 3. Chamber No. 2 is made of 15 mm thick "20" grade steel and differs from chamber No. 1 by larger dimensions, which makes it possible to weld large-size parts. The dimensions are: 2100 mm diameter; 600 mm height; 1.8 m^3 volume. Two parallel operating vacuum pumps are employed. The vacuum up to 3.10^{-3} mm Hg is produced within 120 - 150 min. Gas consumption for washing is about 2.5 m^3. Prior to operation the chamber is blown through with compressed air and rubbed with an alcohol-wetted rag. To fill the chamber, argon of first composition is employed containing not over 0.005% oxygen and not over 0.1% nitrogen. Locksmith tools, base material technological plates and BT-1 (VT-1) 2 mm-diameter titanium wire are then placed into the chamber and the cover is fastened. After evacuation argon is fed into the chamber at a pressure not less than 0.2 atm. During welding process 1 - 3 l/min argon are supplied into the chamber. Parts of commercial VT-1 titanium, OT-4 and BT-5 (VT-5) titanium alloys can be welded. VT-1 filler wire is employed, which is dehydrogenized in a vacuum of 10^{-3} mm Hg by heating to 950°C. Welding in the described chambers produces high-quality weld joints, whose strength is equal to that of the base metal. The

Welding of Titanium Alloys in Chambers with Controlled Atmosphere

bending angle is 160 - 180°. The present article was domposed with the participation of engineers M. P. Korneyev, V. I. Chernov, S. Ye. Makarov, Ye. P. Saymukova, senior master B. K. Lukash, welding operators S. A. Titov and V. A. Berezovskiy. There are 3 figures.

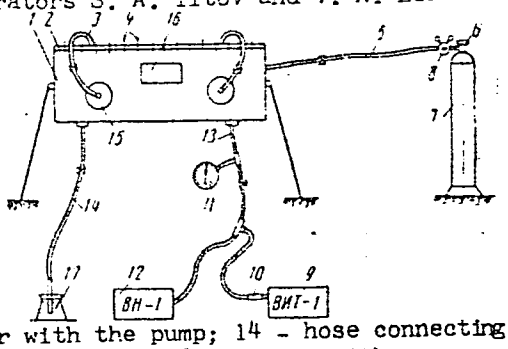


Figure 2: Diagram of feeding the chamber for welding in shielding gas: 1 - body of the chamber; 2 - cover; 3 - hose connecting the chamber with the gloves; 4 - bolts; 5 - hose connecting the chamber with the cylinder; 6 - cylinder valve; 7 - argon cylinder; 8 -РК-53 (RK-53) reductor; 9 - ВИТ-1 (VIT-1) thermovacuummeter; 10 - ЛМ-2 (LM-2) or ЛТ-4М (LT-4M) tube; 11 - monovacuummeter; 12 ВН-1 (VN-1) vacuum pump; 13 - hose, connecting the chamber with the pump; 14 - hose connecting the chamber with the bull-bar; 15 - cover for the glove; 16 - window with protecting glass; 17 - bull-bar

Card 3/4

SHAVKUNOV, L.A., inzh.

Development of excavator manufacturing at the "Rabochii Metallist" Plant. Stroi. i dor.mashinostr. 4 no.2:31-33 F '59.
(MIRA 12:2)

(Excavating machinery)

KHILINSKIY, F.A.; LOTYSHEV, I.P.; LEBEDENKO, G.B.; SHAVKUNOVA, N.D.; DORIZO, A.P.; TERNOVAYA, K.G.; ANTIPOV, A.S., obshchestv. red.; BABAK, Yu.M., tekhn. red.

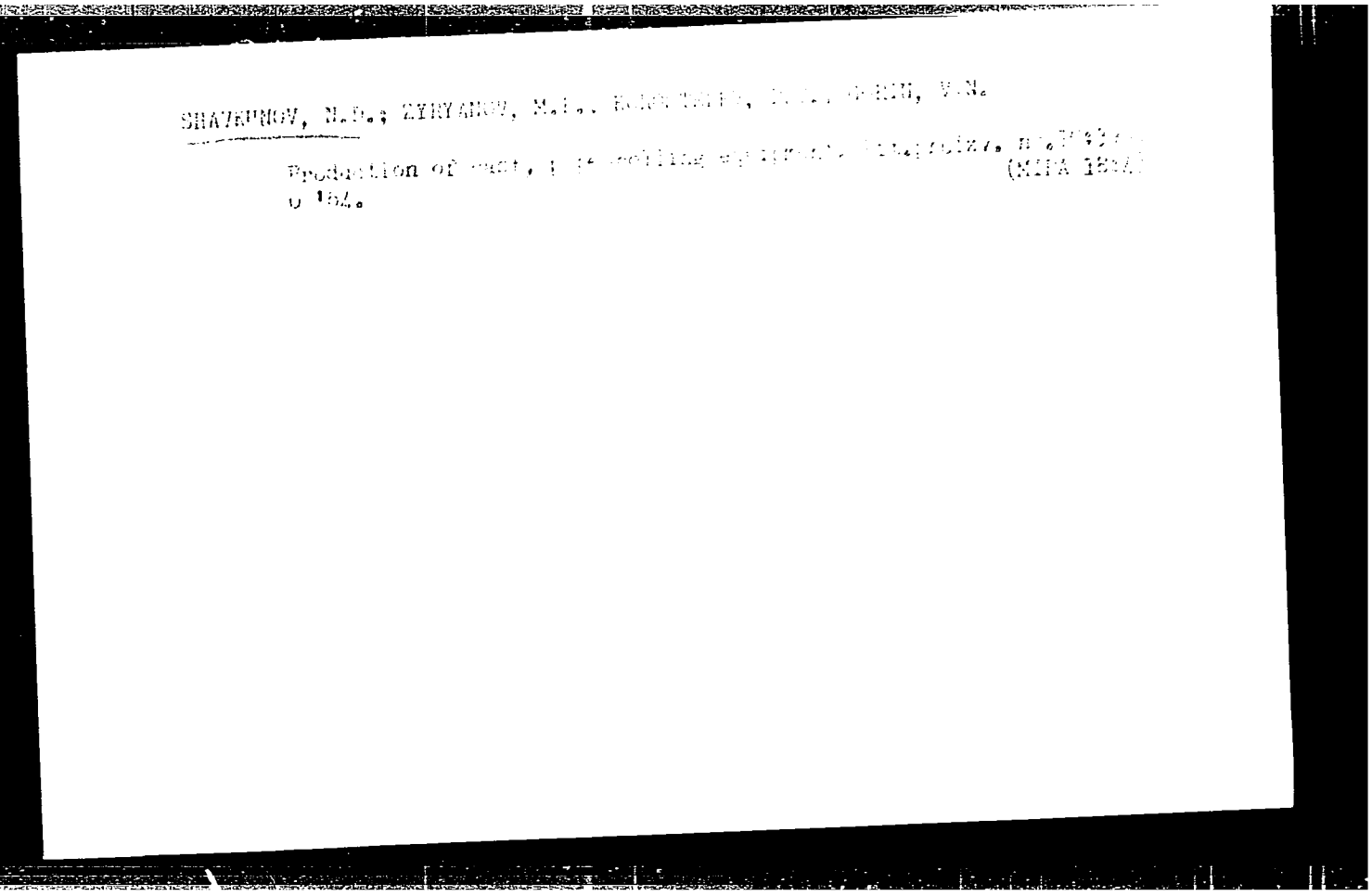
[Goryachiy Klyuch] Goriachii kliuch. Izd.2., ispr. i dop. [By] F.A.Khilinskii i dr. Krasnodarsk, Krasnodarskoe knizhnoe izd-vo, 1963. 84 p. (MIRA 17:2)

1. Glavnyy vrach sanatoriya No.2 Kurorta Goryachiy Klyuch, Kavkaz (for Lebedenko). 2. Sanatoriy No.1 Kurorta Goryachiy Klyuch, Kavkaz (for Shavkunova,Ternovaya).3,Zamestitel' glavnogo vracha po meditsinskoy chasti sanatoriya No.2 Kurorta Goryachiy Klyuch, Kavkaz (for Dorizo).

CHERNOGOROV, P.V., prof.; SHAVKUNOV, N.D., inzh.

Increasing the durability of the auxiliary equipment of automatic pipe rolling mills. Stal' 24 no.6:527-528 Je '64. (MIRA 17:9)

1. Chelyabinskiy politekhnicheskiy institut i Chelyabinskiy truboprokatnyy zavod.



SHAVRNOV, N.P.; ZYRYANOV, M.I., [illegible], V.N.

Production of peat, [illegible] (MIRA 18:7)
p. 184.

L 18113-63 EWP(q)/EWT(m)/BDS AFFTC/ASD JD

ACCESSION NR: AP3003912 S/0181/63/005/007/2027/2029

AUTHORS: Bogomolov, V. N.; Shavkunov, P. M.

TITLE: Anisotropy of drift mobility of current carriers in partially reduced rutile

SOURCE: Fizika tverdogo tela, v. 5, no. 7, 1963, 2027-2029

TOPIC TAGS: anisotropy, drift mobility, current carrier, rutile, impurity band, conductivity, vacancy, O, electrode, dielectric constant

ABSTRACT: The authors have investigated single oriented crystals of different forms. Samples were cut in the form of plane squares, rectangles, and crosses, with three extensions on each of the four sides for measuring the electrical conductivity. All heating was done at about 750C for 30 minutes, but at various pressures of oxygen. Samples were cooled quickly (2-3 min) to insure uniform distribution of oxygen vacancies. Measurements show that the anisotropy of drift mobility in partially reduced rutile is practically independent of the concentration of oxygen vacancies. The value is approximately 3.5. This value is almost the same as the inverse ratio of the squares of the dielectric constants (3.8)

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ACCESSION NR: AP3003912

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along the corresponding directions. The same values for anisotropy of drift mobility apparently hold for pure rutile. It thus follows that "individual" impurity zones do not develop along two crystallographic directions in rutile during its reduction. Jumps in specific resistance were noted, particularly at the positive electrode. When the sample was inverted in the holder, the zone of impoverished carriers was preserved at the negative electrode for a time, but the layer gradually disappeared. This suggests that the jumps in resistance are due to movement of positively charged oxygen vacancies. "We are sincerely grateful to V. P. Znuze for suggesting the topic and for useful discussions, and also to V. B. Sterkin for his aid in making the measurements." Orig. art. has: 1 figure.

ASSOCIATION: Institut poluprovodnikov AN SSSR, Leningrad (Institute of Semiconductors, Academy of Sciences, SSSR)

SUBMITTED: 11Mar63 DATE ACQ: 15Aug63 ENCL: 00

SUB CODE: PH NO REF SOV: 003 OTHER: 006

Card 2/2

SOV/133-59-9-19/31

AUTHORS: Grebenshchikova, A.Z. and Shavkunova, F.P.

TITLE: The Use of Velosite as a Foaming Agent in Hydrochloric Acid and Chromium Solutions

PERIODICAL: Stal', 1959, Nr 9, pp 828-829 (USSR)

ABSTRACT: During the pickling of steel in hydrochloric acid solutions (stainless tubes are pickled in 25-15% HCl at 70°C for control for surface defects) a considerable amount of hydrogen chloride is evolved with water vapour, polluting the atmosphere in the working space and thus lowering labour productivity. Similar difficulties were encountered during electrolitic chromising of dies and holders. To prevent air pollution and at the same time to prevent overpickling and saturation of metal with hydrogen, various additives were tried (table 1). The best results were obtained with velosite (light petroleum oil; viscosity 1.3 to 1.4; sp gr 0.88; flash temperature 120°C) which forms a layer of foam trapping the gases evolved during pickling and simultaneously prevents overpickling. It is used at present in the industrial pickling in an amount of 1.5 to 2.0 kg per m^2 of the bath surface. With this

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The Use of Velosite as a Foaming Agent in Hydrochloric Acid and Chromium Solutions

additive, the consumption of hydrochloric acid decreased by 30% and the proportion of defects due to overpickling by 10%. The same reagent was found to be effective in preventing the evolution of chromic anhydride during chromising. The thickness of the deposited chromium layer and the durability of the dies are not affected by the presence of velosite (Table 2). There are 2 tables.

ASSOCIATION: Pervoural'skiy novotrubnyy zavod (Pervoural'sk Novotrubnyy Works)

DOVZHANSKIY, S.I., kand.med.nauk; MALKIN, I.I.; SMIRNOVA, Ye.P.; KORESHEVA, I.I.; KIEZUN, V.A.; SHAVLAK, L.I.; SAMANCHUK, I.M.; KOKHANOV, Ye.M.; Prinimali uchastiye: KERIMOV, V.M.; LEV, Kh.A.; GULUBEV, A.F.

Combined hydrogen sulfide-radon baths in treating chronic dermatoses at the Sochi-Matsesta Health Resort. Vest. derm. i ven. 38 no.9:47-51 S '64. (MIRA 18:4)

1. Sochinskiy institut kurortologii i fizioterapii (dir. N.Ye. Romanov) i dermatologicheskiy sanatoriy "Raduga" (glavnyy vrach G.K.Gonsales).

SHAVLAYEV, Z.F. (Leningrad, Lesnoy pr., d. 4 kv. 55)

Reactive changes of injured striated muscles under normal conditions and following the administration of certain chemicals. Arkh.anat.gist. i embr. 36 no.1:78-82 Ja '59. (MIRA 12:3)

1. Kafedra gistologii s embriologiyey (nach. - chlen-korrespondent AMN SSSR prof. S.I. Shchelkunov) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M. Kirova.

(MUSCLES, physiol.
regen. of inj. musc. with & without admin. of various drugs (Rus))
(REGENERATION,
same))

SHAVLAYEV, Z.F. (Leningrad, tsentr. Fonarnyy per., 12, kv.14)

Development of cancerous epithelium of the skin in experimental conditions. Arkh.anat., gist i embr. 43 no.7:84-95 Jl '62. (MIRA 15:9)

1. Kafedra gistologii i embriologii (zav. - chlen-korrespondent SSSR prof. S.I.Shchelkunov) Voyenno-meditsinskoy ordena Lenina akademii imeni S.M.Kirova.

(SKIN--CANCER) (EPITHELIUM)

[redacted]

[redacted] (MIRA 18:4)

[redacted]

SOV-26-58-10-51/51

AUTHOR: Shavliashvili, I.A. Candidate of Agricultural Sciences

TITLE: On the Lagodekhi Reservation (V Lagodekhskom zapovednike)

PERIODICAL: Priroda, 1958, Nr 10, pp 127-128 (USSR)

ABSTRACT: The article collates and describes phenological observations made on the Lagodekhi Reservation. There is one table.

ASSOCIATION: Lagodekhskiy gos. zapovednik (Lagodekhi State Reservation)

1. Ecology--USSR

Card 1/1

USCOMM-DC-55803

SHAVLO, S.G.

Genesis of certain granite pegmatites. Trudy Alt.GMMII AN Kazakh.SSR 1:5-20 '54. (MLRA 10:1)

(Pegmatites)

SHAVLO, S.G.

Morphology of pegmatites and "hydrothermalites" of one of the regions of Kazakhstan. Trudy Alt.GMMII AN Kazakh.SSR 1:21-24 '54.
(MLRA 10:1)

(Pegmatites) (Quartzites)
(Kazakhstan--Geology, Structural)

SHAVLO, S.G.

Some remarks on M.A.Abdulkabirova's and M.N. Stroeva's article "The age of granitic intrusions of the Kalba." Izv.AN Kazakh.SSR. Ser.geol. no.21:124-129 '55. (MLRA 9:8)
(Kalba Range--Granite)

SHAVLO, S.G.

Age correlation of pegmatites and intrusive rocks of the Kalba range. Trudy Alt. GMNII AN Kazakh. SSR no.3:59-63 '56. (MLRA 10:2)

(Kalba Range--Pegmatites)
(Rocks, Igneous)

SHAVLO, S.G.

Geology of pegmatites and hydrothermally modified rocks of the Kalba - Naryma region. Trudy Alt. GMNII AN Kazakh. SSR no.3:64-78 '56. (MLRA 10:2)

(Kalba Range--Pegmatites)
(Kalba Range--Rocks, Crystalline and metamorphic)