ACC NR: AP7003496 SOURCE CODE: UR/0069/66/028/004/0498/0503

24

AUTHOR: Dianov, D. B.; Podol'skiy, A. A.; Turubarov, V. I.

ORG: Leningrad Institute of Electrical Engineering im. V. I. Ul'yanov (Lenin) (Leningradskiy elektrotekhnicheskiy institut); Leningrad Institute of Aviation Instrument Making (Leningradskiy institut aviatsionnogo priborostroyeniya)

TITLE: Aerosol particle drift in a sound wave of finite amplitude

SOURCE: Kolloidnyy zhurnal, v. 28, no. 4, 1966, 498-503

TOPIC TAGS: aerosol, standing wave, traveling wave

ABSTRACT: Among a number of works which have appeared in the last few years on the theory of aerosol particle drift in a sound field is a monograph by Ye. P. MEDNIKOV, showing that under certain conditions a predominant role is played by drifts caused by periodic change in the viscosity of the medium in the case of a traveling wave and by asymmetry of vibrations in the case of a standing wave. The purpose of the present article is to consider these questions in greater detail, using the method of transformation of coordinates.

Card 1/3 UDC: 541.182.026.2/.3

0026 0024

The following approximate equation of motion is given for an aerosol particle in a finite-amplitude sound wave:

$$m\frac{du_p}{dt} + 6\pi\eta r u_p = 6\pi\eta r\left[\xi_0\omega\cos\omega\left(t-\frac{x_p}{c}\right) - \right.$$

$$\left. -\frac{\xi_0^2\omega^2}{2c} + \frac{\xi_0^2\omega^2}{2c}\cos 2\omega\left(t-\frac{x_p}{c}\right) - x_p\frac{\xi_0^2\omega^2(\gamma+1)}{4c^2}\sin 2\omega\left(t-\frac{x_p}{c}\right)\right], \quad (5)$$

The authors then derive the following formula for the case of a traveling wave:

$$\bar{u} = -\frac{\xi_0^2\omega^2 q^2}{2c} + \frac{\gamma-1}{4c}\xi_0^2\omega^2 q^2 = -\frac{3-\gamma}{4c}\xi_0^2 q^2\omega^2.$$

and the following formula for the case of a standing wave:

$$\bar{u} = \frac{\mu q\xi_m^2\omega^2}{4c\sin^2 kl}\sin 2k(l-x) - \frac{(\gamma-1)\mu q^2\xi_m^2\omega^2}{8c\sin^2 kl}\sin 2k(l-x)$$

$$= \frac{(3-\gamma)\mu q^2\xi_m^2\omega^2}{8c\sin^2 kl}\sin 2k(l-x). \quad (17)$$

Expressions (10) and (17) are used to calculate the dependence of drift velocity on particle radius.

The authors conclude that the drift of an aerosol particle in a finite-amplitude sound wave consists of two additive drifts caused respectively by

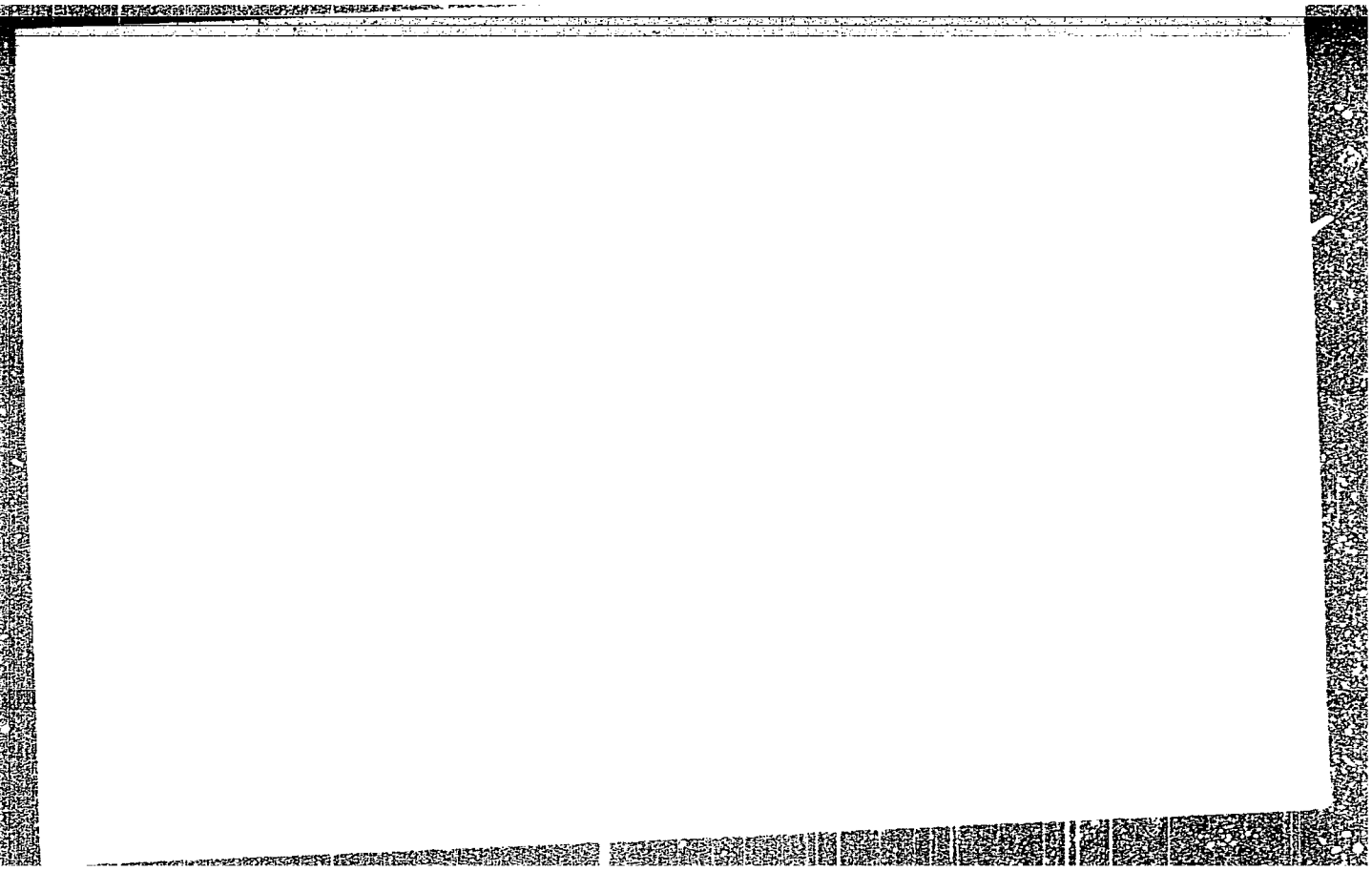
ACC NR: AP7003496

anharmonicity of the vibrations in Eulerian coordinates and by periodic change in the viscosity of the medium. The results obtained by the authors agree with results based on the formulas of S. S. DUKHIN, whose method involves solving an exact equation of particle motion. The authors assert that this indicates the correctness of using an approximate equation of motion, based on the use of coefficients of particle streamline and entrainment.

Orig. art. has: 2 figures and 17 formulas. [JPRS: 38,970]

SUB CODE: 20 / SUBM DATE: 02Apr65 / ORIG REF: 007 / OTH REF: 002

Card 3/3



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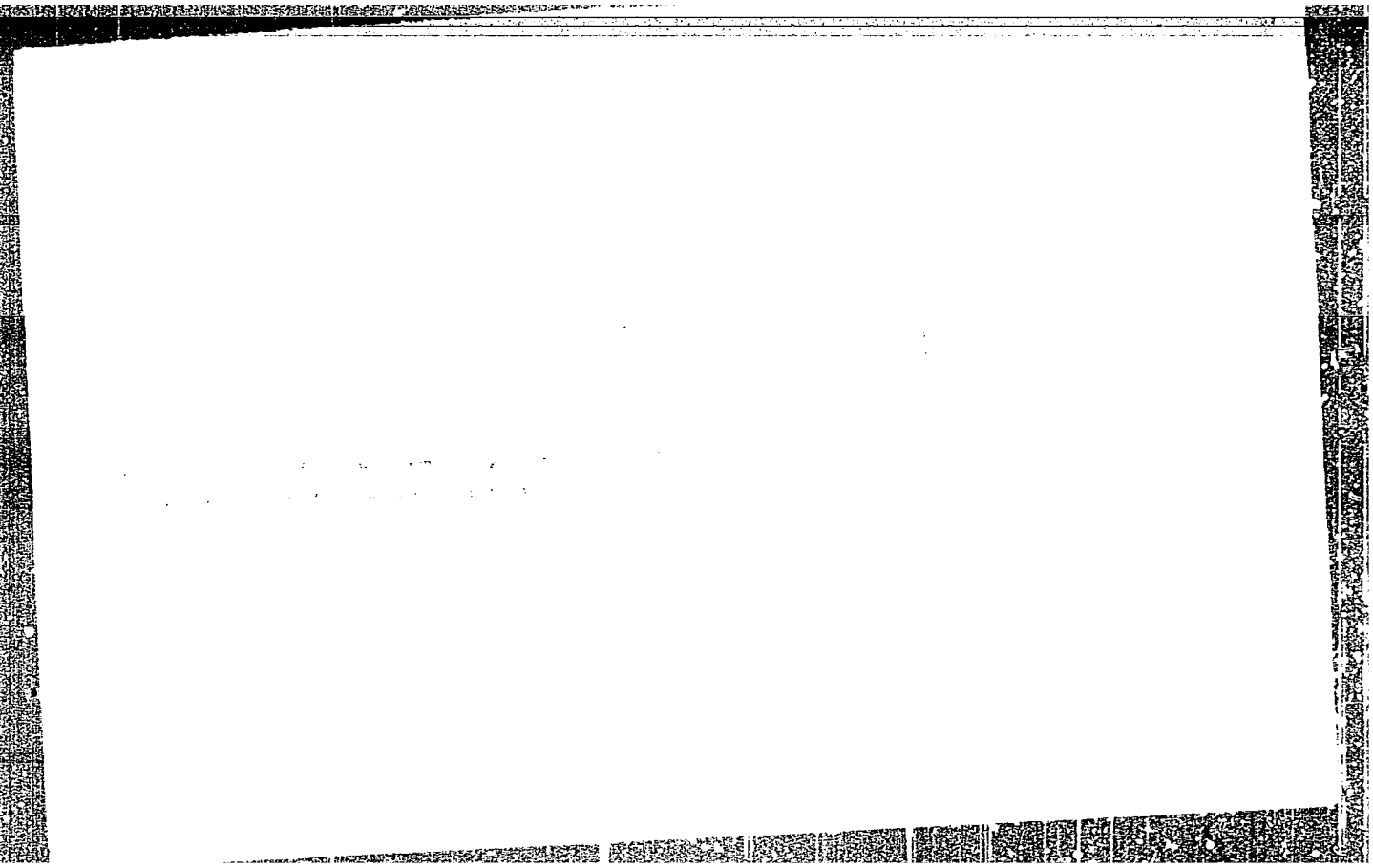

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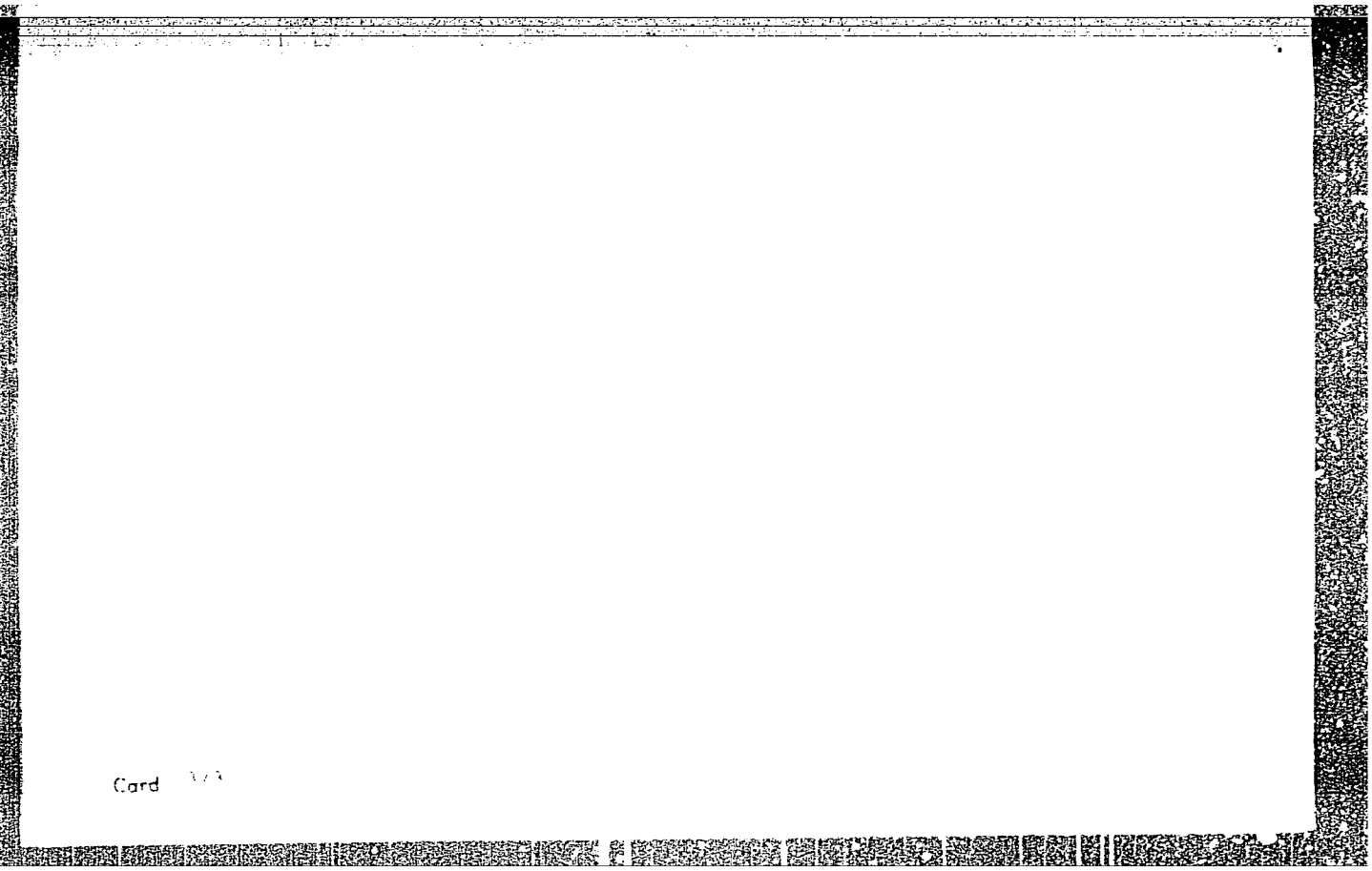


APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001757610015-8"

L 31521-66 EWT(1)/FCC IJP(c) WW/GW

ACC NR: AP6007994 SOURCE CODE: UR/0046/66/012/001/0031/0038

AUTHOR: Denisov, A. S.; Dianov, D. B.; Podol'skiy, A. A.; Turubarov, V. I.

ORG: Leningrad Institute of Aviation Instrument Building (Leningradskiy institut aviatsionnogo priborostroyeniya); Leningrad Electrotechnical Institute im. V. I. Ul'yanov (Lenin) (Leningradskiy elektrotekhnicheskiy institut)

TITLE: Drift of an aerosol particle in an acoustic wave distorted by the presence of the second harmonic

SOURCE: Akusticheskiy zhurnal, v. 12, no. 1, 1966, 31-38

TOPIC TAGS: acoustic wave, aerosol, harmonic function, acoustics

ABSTRACT: The authors investigate the fundamental characteristics of drift due to the asymmetric form of an acoustic wave, which may substantially affect the process of acoustic coagulation of aerosols. Approximate formulas are obtained for the determination of particle drift velocity in an acoustic wave distorted by the presence of the second harmonic, reflecting the relationships of drift velocity to such parameters as frequency, particle radius, and the slip angle of the second harmonic. It is demonstrated that there is a maximum of particle drift velocity as a function of particle frequency; with increasing frequency the maxima shift to the region of smaller radii and decrease in magnitude. It is found that for different dimensions of the particles the drift assumes a zero value at certain angles of phase shift. For a

Card 1/2 UDC: 534.29:541.182.21.3

L 31521-66

ACC NR: AP6007994

traveling wave of finite amplitude, the drift of aerosol particles is directed against the wave propagation, and, at moderate sound intensities, may reach several cm/sec. The theoretical results obtained are compared with the precise results obtained by solving the initial equation on a simulating electronic computer. Orig. art. has: 6 figures and 16 formulas.

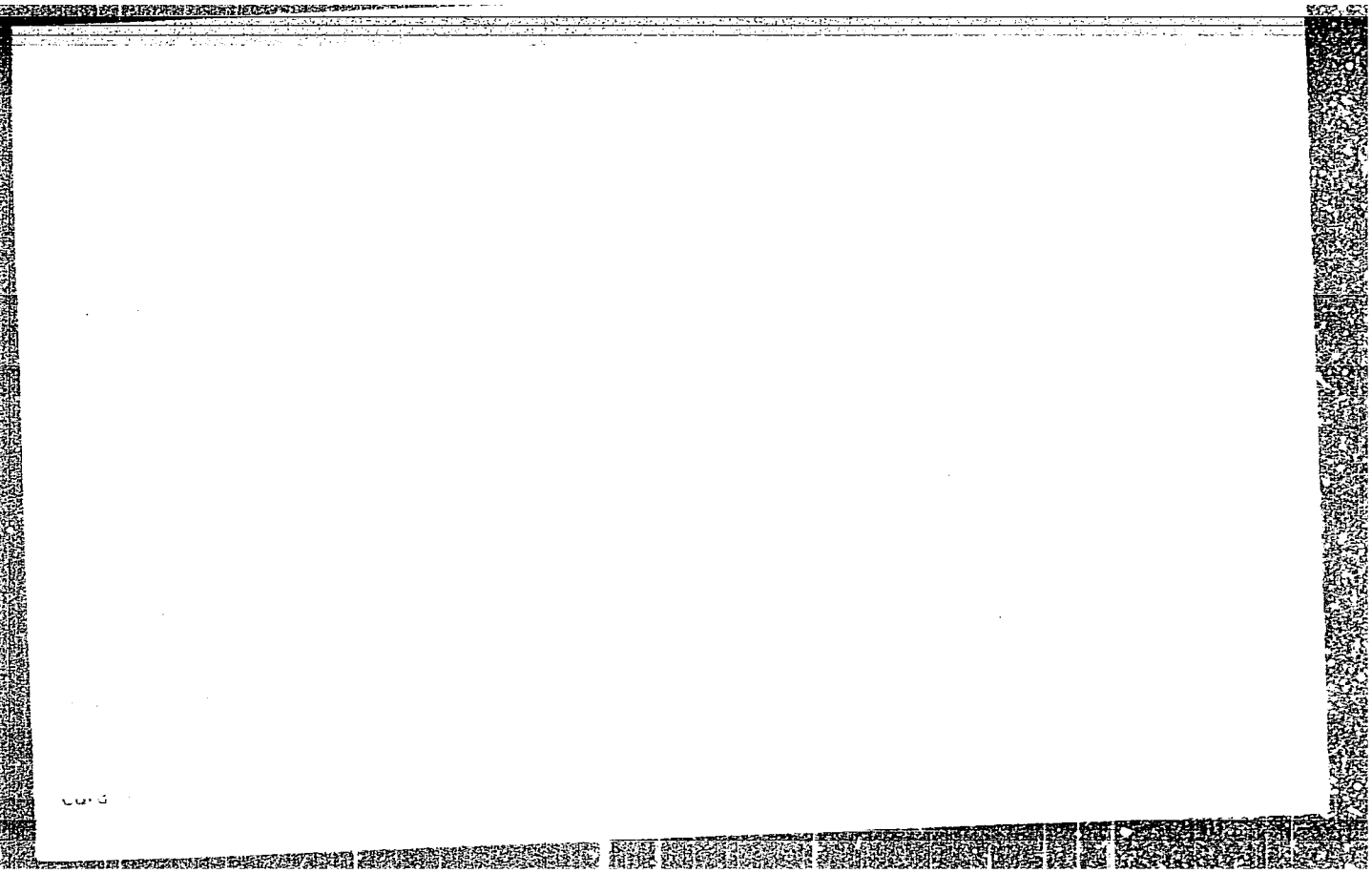
SUB CODE: 20 / SUBM DATE: 28Nov64 / ORIG REF: 003 / OTH REF: 003

Card 2/2 mc

NIKITENKO, V.I.; TURUBAROV, V.I.

Apparatus for precipitating particles of zinc oxide aerosols in a low-frequency acoustic field. Akust.zhur. 8 no.3:370-372 '62. (MIRA 15:11)

1. Leningradskiy elektrotekhnicheskiy institut im. V.I.Ul'yanova (Lenina).
(Sound--Apparatus) (Precipitation (Chemistry)) (Zinc oxide)



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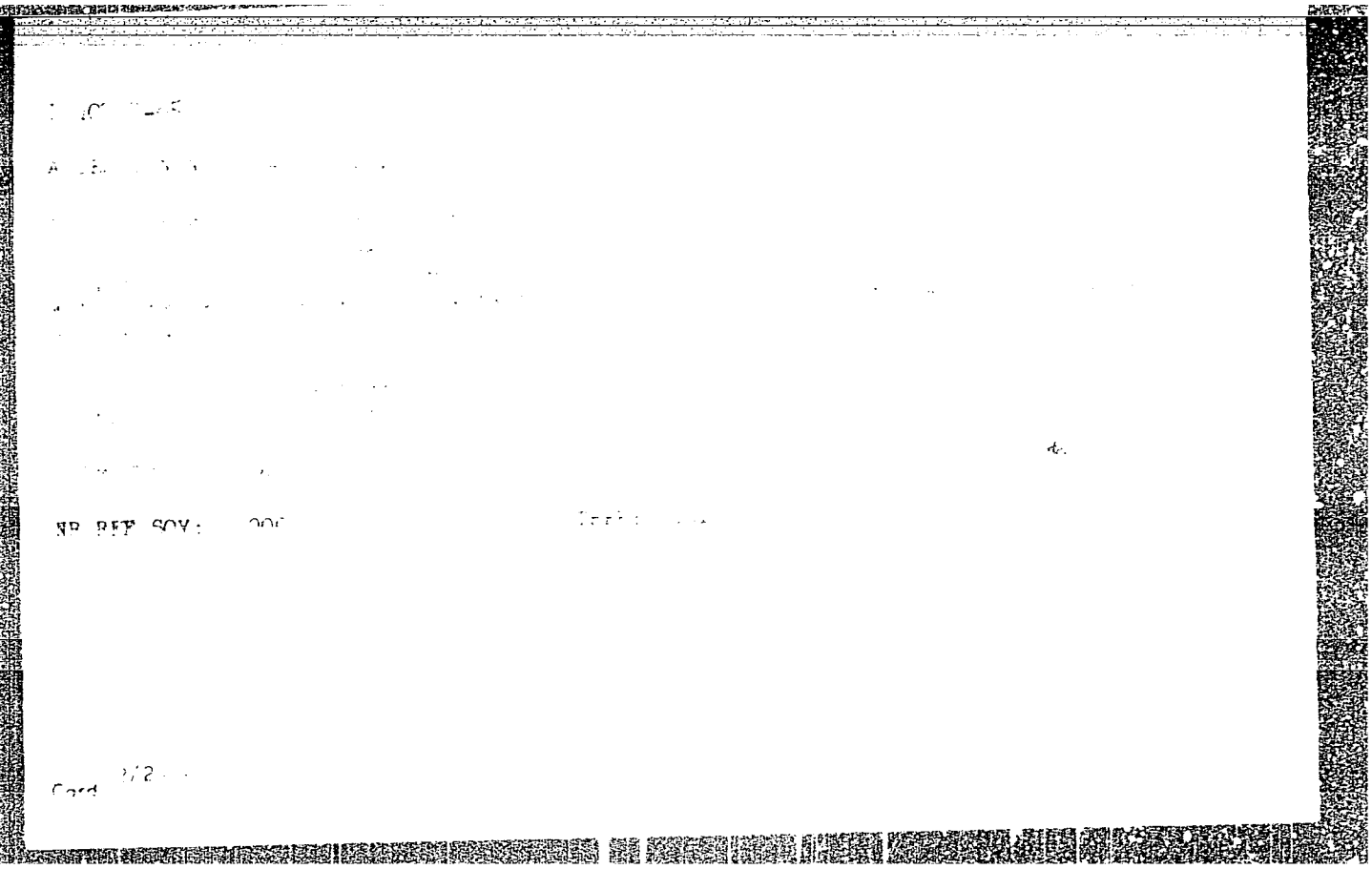


YUGOSLAVIA

B. TURK-BATOVIC and Dj. PANJEVIC, Institute and Clinic for Infectious Diseases of the Veterinary Faculty (Institut i klinika za zarazne Veterinarskog fakulteta) Belgrade.

"The Carrier Problem in Eliminating Bovine Brucellosis,"

Belgrade, Veterinarski Glasnik, Vol 16, No 12, 1962; pp 1225-1228.

Abstract: After an over-all presentation of the tissue tropisms of Brucella in cattle (placenta or udder as prolonged sources of infection only) authors recommend that all newly-acquired cows be kept in quarantine until calving and several weeks thereafter, with repeated serologic examinations to make sure that the infection is not unwittingly introduced into a herd. Blood and milk must also be tested. Two German, 1 Yugoslav reference.

1/1

TURUBATOVIC, R.

SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: /not given/

Affiliation: Institute and Clinic for Infectious Diseases of the Faculty of Veterinary Medicine (Institut i klinika za zaraze Veterinarskog fakulteta), Belgrade

Source: Belgrade, Veterinarski glasnik, No 9, 1961, pp 719-725.

Data: "A Contribution to the Serological Diagnosis of Foot-and-Mouth Disease."

Authors:

TURUBATOVIC, R.
PANJEVIC, Dj.

YUGOSLAVIA

TURUBATOVIC, R.; MARKOVIC, B.S. and MAJSTOROVIC, G.; Institute for Preventive Veterinary Medicine (Institut za preventivnu veterinarsku medicinu,) Belgrade.

"Preparation of Fowl Diphtheria and Fowl Pox Vaccine from C Strain of Virus."

Belgrade, Veterinarski Glasnik, Vol 20, No 7, 1966; pp 519-520.

Abstract [English summary modified]: Report of preparation of experimental live vaccine, consisting of virus adapted to chorioallantoic membrane, single passage, for subcutaneous vaccination with good results in 5000 birds vaccinated in experimental field test. Manuscript received 15 May 66.

TURUBINER, A.L.; GURSKIY, G.L.; SAVIN, A.I.; TEREKHOV, A.I.; GUSEV, V F.; LEBEDEVA, V.F.

Influence of thermal conditions on the self-carburation and radiation of the natural gas flame. Stal' 24 no.11:985-989 N '64.

(MIRA 18:1)

137-58-6-11730

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 74 (USSR)

AUTHOR: Turubiner, A.L.

TITLE: Improvement of Open-hearth Furnace Design (Uluchsheniye konstruktsiy martenovskikh pechey)

PERIODICAL: Tr. Nauchno-tekhn. o-va chernoy metallurgii, 1957, Vol 18, pp 243-251

ABSTRACT: Descriptions are offered of changes in the designs of Venturi ports (P) of the 185-t furnaces at the "Zaporozhstal'" plant. These changes consist of a reduction in the angle of slope of the air-port roof to 24-26° and an increase in the outlet velocities of the air. A new three-flame design of the P is proposed, in which additional burners would be mounted on either side of the ducts. These burners would deliver cold coke-oven gas and O_2. The use of such burners would reduce heat time by 10% and unit fuel consumption by 15%. A simplified version of a modified Venturi P was tested, in which the combustion air was delivered toward the roof with the purpose of protecting it against overheating. The mixing of gas and air was not impaired under these conditions, while the roof

Card 1/2

• Improvement of Open-hearth Furnace Design

temperature was reduced. As a whole, the operational criteria remained at the level of those of furnaces equipped with Venturi P.

M.M.

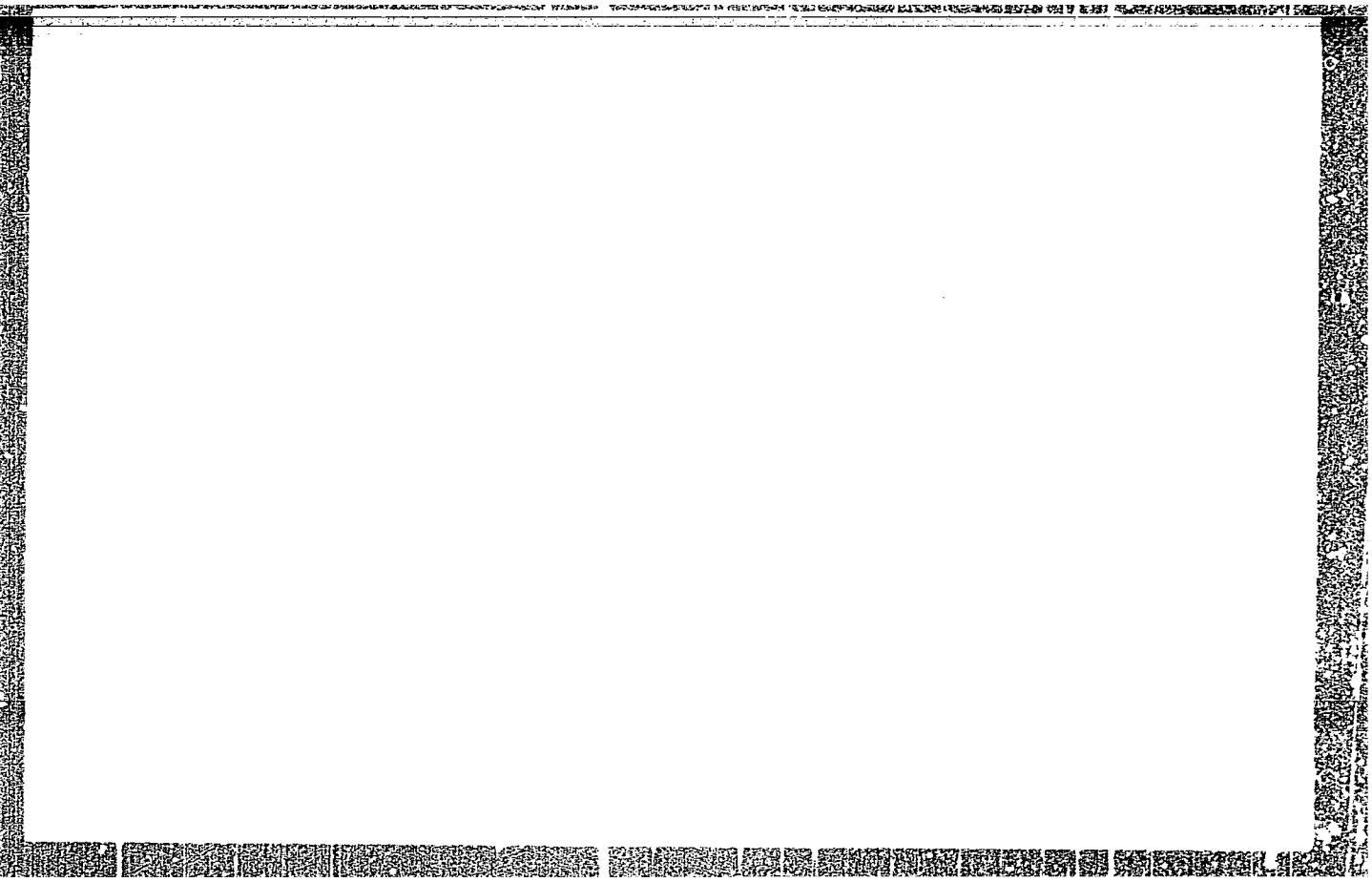
1. Open hearth furnaces--Design 2. Open hearth furnaces--Operation

Card 2/2

TUHUBINER, A.L.

Using natural gas for the firing of open-hearth furnaces.
Metallurg 5 no.8:16 Ag '60. (MIRA 13:7)

1. Zavod "Zaporozhstal'."
(Open-hearth furnaces) (Gas, Natural)



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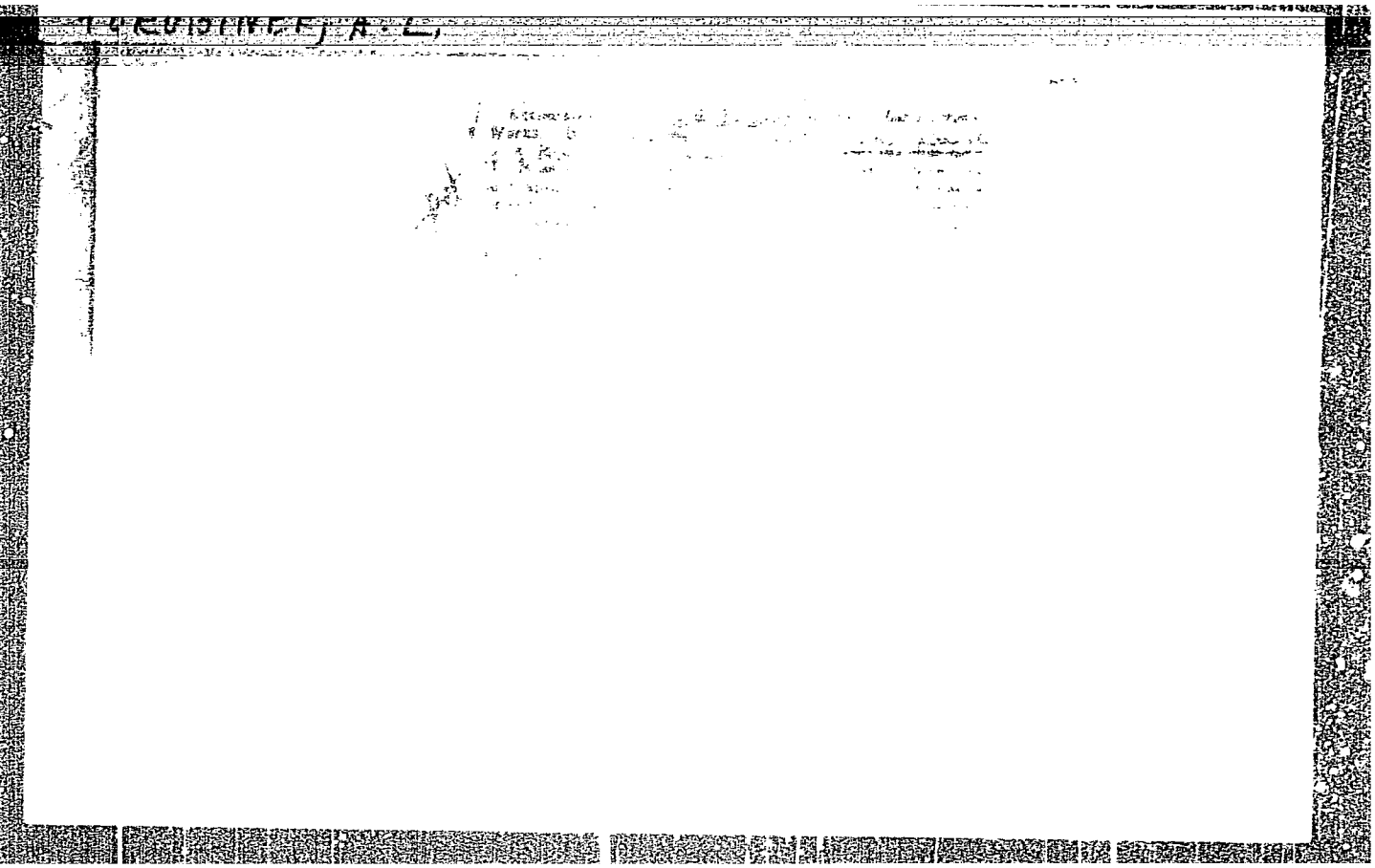


TURUBINER, A.L.; SHENDEROVICH, V.N.

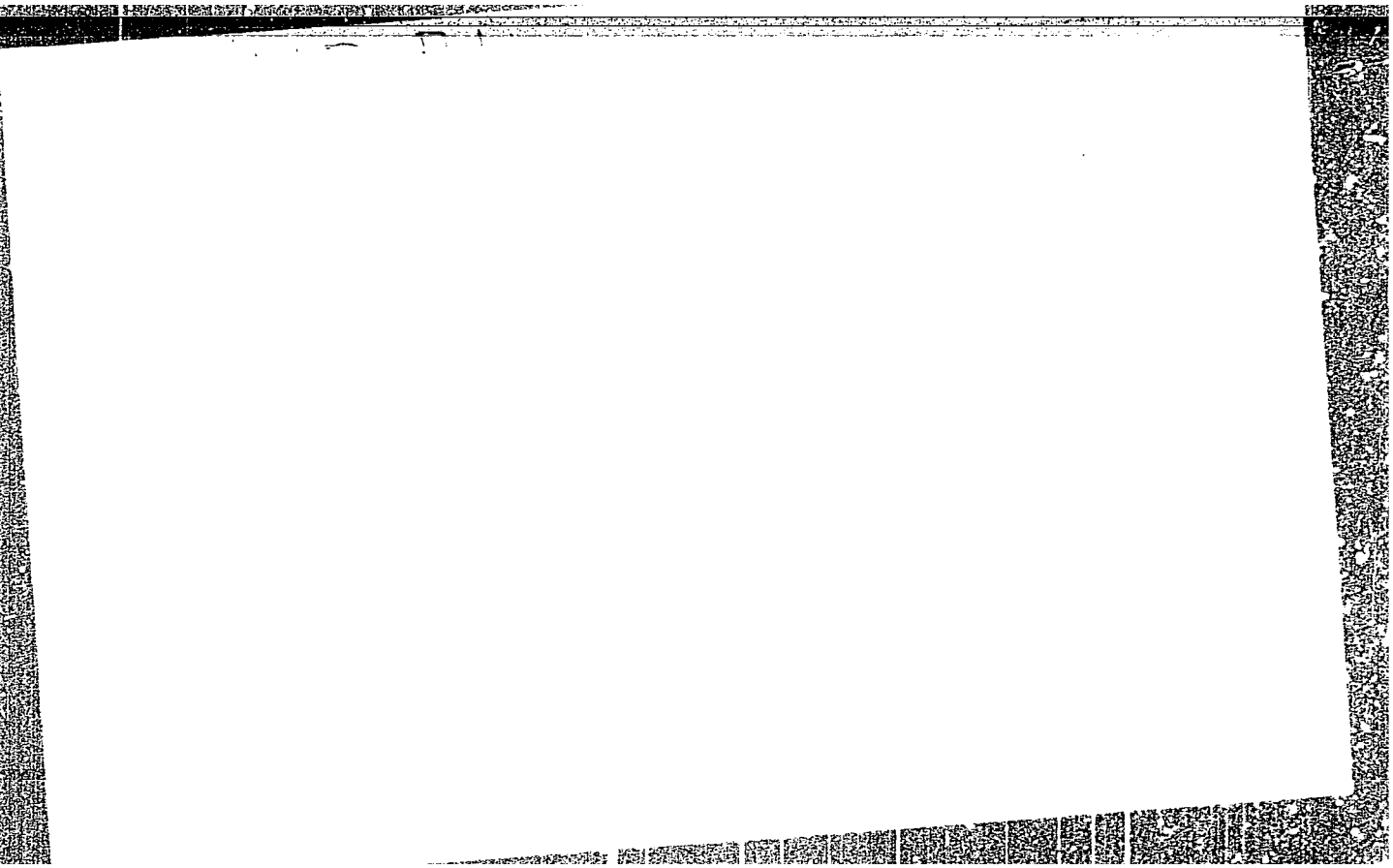
Automatic distribution system of combustion products among regenerators of an open-hearth furnace. Avtom. i prib. no.1:8-12 Ja-Mr '63. (MIRA 16:3)

1. Zaporozhskiy filial Instituta avtomatiki Pridneprovskogo soveta narodnogo khozyaystva.
(Open-hearth furnaces) (Electronic control)

TURBINER, ANATOLIY LIVOVICH

GUSEV, Vyacheslav Fedorovich; TURBINER, Anatoliy Livovich; SAMOKHVALOV, Ya., vedushchiy redaktor; MATUSEVICH, S., tekhnicheskiy redaktor

[Equipment and apparatus for automatic control of open-hearth furnaces] Pribory i apparatura avtomaticheskogo upravleniia martenovskimi pechami. Kiev, Gos.izd-vo tekhn.lit-ry USSR, 1957. (MLRA 10:8)
111 p.
(Automatic control) (Open-hearth furnaces)



APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001757610015-8"

TURUBINER, A L.

35• Forsterite Brick Service in Open-Hearth Furnace. Sluzhba forsteritovogo kirpicha v regeneratorakh martenovskikh pechei. (Russian.) A. V. Leskov, G. A. Molotkov, A. L. Turubiner, and T. I. Litvinova. Ogneupory, v. 20, no. 6, 1955, pp. 243-254.

Chemical composition of brick before and after service in regenerators; micro-structure of brick surface and lower zones; composition of burning gases; factors affecting brick life. Tables, micrographs, photographs, diagrams, graphs.

(3) 144

LESKOV, A.V.; MOLOTKOV, G.A.; TURUBINER, A.L.; LITVINOVA, T.I.

Service of forsterite bricks in Martin furnace regenerators. (MLRA 9:1)
Ogneupory 20 no.6:243-254 '55.

1.Zavod "Zaporozhstal".
(Forsterite) (Open hearth furnaces)

TURBINER, Anatoliy L

LESKOV, Aleksandr Vasil'yevich; MARAKHOVSKIY, Il'ya Semenovich; MOLOTKOV, Gennadiy Aleksandrovich; TURBINER, Anatoliy L'vovich; KOCHERGA, N., vedushchiy redaktor; PATSARYUK, P., tekhnicheskiy redaktor.

[Fundamentals of rapid steel smelting] Osnovy skorostnoi vyplavki stali. Kiev, Gos.izd-vo tekhn.lit-ry USSR, 1957. 249 p. (MIRA 10:11)
(Smelting)

KIORESKO, B.V.; GUSEV, V.F.; TURUBINER, A.L.; MOLOTKOV, G.A.; SAVIN, A.I.

Automatization of open-hearth furnaces at the Zaporozhstal' Plant. (MLRA 9:10)
Stal' 16 no.8:689-697 Ag '56.

1.Zavod "Zaporozhstal'."
(Zaporozh'ye--Open-hearth furnaces) (Automatic control)

Turubiner, A.L.

✓Use of forsterite brick for checkerwork of open-hearth furnace regenerators. V. P. Gurev, C. A. Molotkov, and A. L. Turubiner. *Stal'* 15, 838-41(1955) --Possibility of working at 1750° permitted by all-base furnaces places heavy demands on the checkerwork, which silica brick cannot well meet. Replacing first 15 top rows of brick in the air checkers with forsterite brick extends their life for the life of the roof (491 heats) and by replacing 2-3 top rows of them during roof rebuilding extends checker life to 850–900 heats. In gas checkers this brick is not satisfactory, because a 10-15 mm. thick layer of magnesium oxide is rapidly converted into a porous friable mass having poor heat cond

J. D. Gat

GUSEV,V.F., inzhener; MOLOTKOV,G.A., inzhener; TURUBINER,A.L., inzhener

The use of forsterite brick in checkerwork. Stal' 15 no.9:838-841 S '55. (MIRA 8:12)

1. Zavod "Zaporozhstal'" (Refractory materials)

KOROLEV, A.I.; BLINOV, S.T.; LUBENETS, I.A.; KOBURNEYEV, I.M.; TURUBINER, A.L.; VASIL'YEV, S.V.; CHERNENKO, M.A.; BELOV, I.V.; TELESOV, S.A.; MAZOV, V.F.; MEDVEDEV, V.A.; MAL'KOV, V.G.; BUL'SKIY, M.T.; TRUBETSKOV, K.M.; SHNEYEROV, Ya.A.; SLADKOSHTEYEV, V.T.; PALANT, V.I.; KUROCHKIN, B.N.; ZHDANOV, A.M.; BELIKOV, K.N.; SABIYEV, M.P.; GARBUZ, G.A.; PODGORETSKIY, A.A.; ALFEROV, K.S.; NOVOLODSKIY, P.I.; MOROZOV, A.N.; VASIL'YEV, A.N.; MARAKHOVSKIY, I.S.; MALAKH, A.V.; VERKHOVTSEV, E.V.; AGAPOV, V.F.; VECHER, N.A.; PASTUKHOV, A.I.; BORODULIN, A.I.; VAYNSHTEYN, O.Ya.; ZHIGULIN, V.I.; DIKSHTEYN, Ye.I.; KLIMASENKO, L.S.; KOTIN, A.S.; MOLOTKOV, N.A.; SIVERSKIY, M.V.; ZHIDETSKIY, D.P.; MIKHAYLETS, N.S.; SLEPKANEV, P.N.; ZAVODCHIKOV, N.G.; GUDEMCHUK, V.A.; NAZAROV, P.M.; SAVOS'KIN, M.Ye.; NIKOLAYEV, A.S.

Reports (brief annotations). Biul. TSNIICHM no.18/19:36-39 '57. (MIRA 11:4)

1. Magnitogorskiy metallurgicheskiy kombinat (for Korolev, Belikov, Agapov, Dikshteyn). 2. Kuznetskiy metallurgicheskiy kombinat (for Blinov, Vasil'yev, A.N., Borodulin, Klimasenko). 3. Chelyabinskiy metallurgicheskiy zavod (for Lubenets, Vaynshteyn). 4. Zavod im. Dzherzhinskogo (for Koburneyev). 5. Zavod "Zaporozhstal'" (for Turubiner, Mazov, Podgoretskiy, Marakhovskiy, Savos'kin). 6. Makeyevskiy metallurgicheskiy zavod (for Vasil'yev, S.V., Mal'kov, Zhidetskiy, Al'ferov). 7. Stal'proyekt (for Chernenko, Zhdanov, Zavodchikov). 8. VNIIT (for Belov). 9. Stalinskiy metallurgicheskiy zavod (for Telesov, Malakh).

(Continued on next card)

KORCHKIN, A.I.--(continued) Card 2.

10. Nizhne-Tagil'skiy metallurgicheskiy kombinat (for Medvedev, Novolodskiy, Vecher). 11. Zavod "Azovstal'" (for Bul'skiy, Slepkanev). 12. TSentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii (for Trubetskov). 13. Ukrainskiy institut metallov (for Semeyarov, Shakhshteyev, Kobin). 14. Zavod "Krasnyy Oktyabr'" (for Palant). 15. Vsesoyuznyy nauchno-issledovatel'skiy institut metallurgicheskoy teplotekhniki (for Kurochkin). 16. Zavod im. Voroshilova (for Sabiyev). 17. Chelyabinskiy politekhnicheskiy institut (for Morozov). 18. Giprostal' (for Garbuz). 19. Ural'skiy institut chernykh metallov (for Pastukhov). 20. Zavod im. Petrovskogo (for Zhigulin). 21. Ministerstvo chernoy metallurgii USSR (for Moloshkov, Sivorskiy). 22. Glavspetsstal' Ministerstva chernoy metallurgii SSSR (for Nikolayev).
(Open-hearth process)

TURUBINER, A.L.; SAVIN, A.I.

Efficient performance schedule of reversal devices in open-hearth furnaces fired with cold natural gas. Metallurg 7 no.5:18-20 My '62. (MIRA 15:5)

1. Zaporozhskiy filial Instituta avtomatiki.
(Open-hearth furnaces--Equipment and supplies)

TURUBINER, ANATOLIY L.

Call Nr: TN 740.G8

AUTHORS: Gusev, Vyacheslav F., Turubiner, Anatoliy L.

TITLE: Instruments and Equipment Used in Automatic Control of Open-hearth Furnaces (Pribory i apparatura avtomaticheskogo upravleniya martenovskimi pechami)

PUB. DATA: Gosudarstvennoye izdatel'stvo tekhnicheskoy literatury USSR, Kiyev, 1957, 114 pp., 1950 copies

ORIG. AGENCY: None given

EDITORS: Editor-in-Chief: Samokhvalov, Ya.;Tech. Ed.:Matusevich,S.; Correctors: Pokikarpova, N., Riys, V.

PURPOSE: This booklet is designed for foremen, melters and workers operating open-hearth furnaces. It can also be used for self-education and as a textbook for vocational courses.

COVERAGE: The book discusses problems of automatic control of open-hearth furnaces with gaseous fuel firing. Automatic control systems are examined and fundamental information on heat control and controllers used in open-hearth furnaces of the "Zaporozhstal'" foundry are presented.

Card 1/3

Call Nr: TN 740.G8

Instruments and Equipment Used in Automatic Control of Open-hearth Furnaces

Improvements made in the automatic control system are described and the results obtained are demonstrated. No personalities are mentioned. There are 10 bibliographic references, all USSR.

TABLE OF CONTENTS

Card 2/3

Instruments and Equipment Used in Automatic Control of Open Hearth-Furnaces

Card 3/3

KAZANTSEV, N. D.; TURUBINER, A. M.; PAVLOV, I. V.
PYATNITSKIY, P. P.; GRIGOR'YEV, V. K.; ISUPOV, K. N.

Agricultural Laws And Legislation

"Questions of collective farm and land law". Reviewed by Kalandadze, A., Izv AN SSSR., Otd, ekon i prava, No. 1, 1952

9. Monthly List of Russian Accessions, Library of Congress, August 1953. Unclassified.

KAZANTSEV, N. D., TURUBINER, A. M., PAVLOV, I. V., PYATNITSKIY, P. P.,
GRIGOR'YEV, V.K., ISUPOV, K. N.

Agricultural Laws and Legislation

"Questions of collective farm and land law". Reviewed by Kalandadze, A., Izv AN SSSR., Otd, ekon i prava, No. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1953, Unclassified.
2

A. P. TURUBINER

A. P., TURUBINER

N/5
740.161
.G6

Pribory i apparatura avtomaticheskogo upravleniya martenovskimi pechami (Instruments and apparatus for automatic regulation of Siemans-Martin furnaces, by) V.F. Gusev A. P. Turubiner. Kiyev, Gostekhizdat, 1957.

111 (2) p. illus., diagrs., graphs, tables.

"Literatura": p. (113)

TURUBINER, I. K. and M. D. IPPITS

Tekhnika izmereniia plotnosti. Moskva, Mashgiz, 1949. 127 p. illus.

At head of title; Komitet po delam mer i izmeritel'nykh priborov.

Technique of density measuring.

DLC: QC111T9

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

TURUBINER, I. K.

Author: Turubiner, I. K.

Title: The technique pertaining to the measuring of density (Tekhnika izmereniia plotnisti.) 127 p.

City: Moscow
Publisher:
Publication: State Scientific and Technical Machine Construction Literature

Date: 1949

Available: Library of Congress

Source: Monthly List of Russian Accessions, Vol. 3, No. 8, Page 538

TURUBINER, I. K.

Author: Turubinor, I. K.

Title: The technique pertaining to the measuring of density (Tekhnika izmereniia plotnisti.) 127 p.

City: Moscow
Publishor:
Publication: State Scientific and Technical Machine Construction Literature

Date: 1949

Available: Library of Congress

Source: Monthly List of Russian Accessions, Vol. 3, No. 8, Page 538

DOROKHOV, V.I.; MURAV'YEV, V.N.; TURUBINER, L.M.

Investigating oxide inclusion in killed carbon steel. Sbor. trud. UNIIM no.9:420-432 '64 (MIRA 18:1)

GUREVICH, A.B.; TURUBINER, L.M.

Acidless separation of oxide inclusions from carbides and sulfides in carbon steel. Zav.lab. 29 no.3:280-282 '63. (MIRA 16:2)

1. Ukrainskiy nauchno-issledovatel'skiy institut metallov.

(Steel—Analysis)
(Oxides)

SANDLER, N.I.; GUREVICH, A.B.; NAVROTSKIY, I.V.; YUNASH, V.M.; TURUBINER, L.M.; KIRZHNER, O.M.

Phase distribution of vanadium, tungsten, and niobium in low-alloy steels. Sbor. trud. UNIIM no.9:349-356 '64. (MIRA 18:1)

USSR/Human and Animal Physiology. Internal Secretion. V

Abs Jour: Ref. Zhur-Biol., No 6, 1958, 27180.

Author : P.M. Kaplan, G.K. Deyneka, E.V. Markova and N.M. Turubiner

Inst :

Title : Interoceptive Influences of the Parathryroid Glands

Orig Pub: Probl. endokrinol. i gormonoterapii, 1955, 1, No 2, 57-67.

Abstract: In 7 out of 8 dogs and 8 out of 11 rabbits after removal of the parathyroid glands of one side and in 6 out of 10 rabbits after removal of the outer parathyroid gland, there occurred a considerable increase in the chronaxie of the muscles of the same side (m. tibialis anticus). This phenomenon is viewed as the result of the drop in centripetal

Card : 1/3

USSR/Human and Animal Physiology. Internal Secretion. V

Abs Jour: Ref. Zhur-Biol., No 6, 1958, 27180.

the asymmetry in chronaxie caused by removal or stimulation of parathyroid glands was seen to disappear and to reappear again at the conclusion of the inhibition. After conditioned reflexes were established for the parotid gland with subsequent removal or stimulation of one or both parathyroid glands of one side, conditioned-reflex activity was altered homolaterally (or changed bilaterally, but not to the same extent)-- in the case of removal, as a result of the fall in conditioned-reflex activity; with stimulation, as a result of its intensification.

Card : 3/3

KAPLAN, P.M.; TURUBINER, N.M.

Possible role of the receptive factor of the glands of internal secretion in mental disorders of endocrine origin. Trudy. Ukr. nauch.-issl. inst. eksper. endok. 19:179-189 '64. (MIRA 18:7)

1. Iz otdela elektrofiziologii Ukrainskogo instituta eksperimental'noy endokrinologii.

TURUBINER, N.M.

Asymmetry of the conditioned reflex activity in dogs as an indicator of the receptive influences of the thyroid gland. Trudy Ukr. nauch.-issl. inst. eksper. endok. 19:190-198 '64. (MIRA 18:7)

1. Iz otdela elektrofiziologii Ukrainskogo instituta eksperimental'noy endokrinologii.

TURUBINER, N.M.

Asymmetry of conditioned reflex activity of the parotid salivary glands as an indication of interoceptive influences of the thyroid gland. Zh. vyssh. nerv. deiat. Pavlov 13 no.3:521-529 '63. (MIRA 17:9)

1. Otdel elektrofiziologii Ukrainskogo instituta eksperimental'noy endokrinologii, Khar'kov.
(CENTRAL NERVOUS SYSTEM) (RECEPTORS, NEURAL)
(THYROID GLAND) (REFLEX, CONDITIONED)
(PAROTID GLAND)

EXCERPTA MEDICA Sec 3 Vol 12/11 Endocrinology Nov 58

2087. SPECIES SPECIFICITY OF SPLEEN AND ITS INFLUENCE ON BLOOD Ca LEVEL IN HYPER- AND HYPOCALCAEMIA (Russian text) - Turubiner N. M. - VRACH. DELO 1956, 9 (913-918)

Hypercalcaemia was produced in rabbits by chronic stimulation of the parathyroid glands and hypocalcaemia by extirpation of 3 parathyroids. After splenectomy in the presence of hypercalcaemia a return of the blood Ca to normal was observed. Subsequent transplantation of a spleen of different species (cat, guinea-pig) did not produce hypercalcaemia. If on the other hand spleen was obtained for transplantation from an animal of the same species an increase in the blood Ca level followed. No increase in the blood Ca was observed in hypocalcaemic rabbits after transplantation of a spleen from a different species, but if a spleen obtained from another rabbit was used the blood Ca returned to a normal level. It is concluded that the influence of spleen on the blood Ca level is species-specific. (S)

KAPLAN, P.M., prof. (Khar'kov); TURUBINER, N.M., kand. med. nauk (Khar'kov).

Effect of endocrine gland reception on higher nervous activity and on its possible participation in mental disorders of endocrine origin. Probl. endok. i gorm. 9 no.5:49-54 S-O'63. (MIRA 16:12)

1. Iz otdela elektrofiziologii (zav. - prof. P.M. Kaplan) Ukrainskogo instituta eksperimental'noy endokrinologii (dir. - kand. med. nauk. S.V. Maksimov).

TURUBINER, N.M.; EIDEL'MAN, M.M.

Some biochemical indicators of receptive influences of the adrenal glands. Probl.endok.i gorm. 7 no.2:6-13 '61. (MIRA 14:5)
(ADRENAL GLANDS) (ADRENALINE) (ASCORBIC ACID)

KAPLAN, P.M.; AKISHINA, N.I.; TURUBINER, N.M.

Effect of spleen transplantation on the concentration of calcium in the blood serum. Fiziol. zhur. 46 no.12:1497-1501 D '60. (MIRA 14:1)

1. Ukrainskiy institut eksperimental'noy endokrinologii, Khar'kov.
(SPLEEN--TRANSPLANTATION) (CALCIUM IN THE BODY)
(BLOOD PLASMA)

KAPLAN, P.M.; MARKOVA, Ye.V.; TURUBINER, N.M.

Effect of splenectomy on calcium concentration in blood serum.
Fiziol.zhur. 45 no.8:1009-1014 Ag '59. (MIRA 12:11)

1. Ukrainskiy institut eksperimental'noy endokrinologii, Khar'kov.
(SPLEEN, surgery)
(CALCIUM, blood)

TURUBINER, M. P.

"Influence of the Spleen on the Calcium Level in the Blood in Hypercalcemia and Hypocalcemia." Cand Med Sci, Khar'kov Medical Inst, Khar'kov, 1953. (RZhBiol, No 1, Sep 54)

SO: Sum 432, 29 Mar 55

TUHUBINER, N.M.

KAPLAN, P.M., professor, DEYNEKA, G.K.; MARKOVA, Ye.V.; TUHUBINER, N.M. (Khar'kov)

Interoceptive effects of the parathyroid glands. Probl. endokr. i gorm. 1 no.2:57-67 Mr-Ap '55. (MLRA 8:10)

1. Iz otdela elektrofiziologii (rukovoditel' prof. P.M. Kaplan) Ukrainskogo instituta eksperimental'noy endokrinologii (dir.- kandidat meditsinskikh nauk S.V.Maksimov)

(PARATHYROID GLAND, physiology,
interoceptive, eff.)

KAPLAN, P.M., TURUBINER, N.M., CHUMAKOVA, T.A. [Chumakova, T.O]

Influence of the interoceptors of parathyroid glands on the higher nervous activity [with summary in English]. Fiziol.zhur. Ukr. 4 no.5:604-611 S-O '58 (MIRA 11:11)

1. Ukrainskiy institut eksperimental'noy endokrinologii, otdel elektrofiziologii.
(PARATHYROID GLANDS--INNERVATION)
(CONDITIONED RESPONSE)

KAPLAN, P.M.; TURUBINER, N.M.

Vitality of rabbits following excision of the parathyroid glands in two stages. Fiziol. zhur. 42 no.5:393-396 My '56. (MLRA 9:11)

1. Ukrainskiy institut eksperimental'noy endokrinologii, Khar'kov.
(PARATHYROID GLAND, surg.
oper. excis. in two stages, postop. vital capacity of rabbits)

KAPLAN, P.M.; MARKOVA, Ye.V.; TURUBINER, N.M.

Interoceptive influences of parathyroid glands. Sbor. nauch. trud. Ukr. nauch.-issl. inst. eksper. endok. 15:172-183 '59. (MIRA 14:11)

(PARATHYROID GLANDS) (RECEPTORS (NEUROLOGY))

MARKOVA, V.; TURUBINER, N.M.

Role of the adrenal gland receptors in changes of motor chronaxia. Trudy Ukr.nauch.-issl.inst.eksper.endok. 18:231-236 '61. (MIRA 16:1)

1. Iz otdela elektrofiziologii Ukrainskogo instituta eksperimental'noy endokrinologii.
(CHRONAXIA) (ADRENAL GLANDS—INNVERVATION)

TURUBINER, V.A., kand.med.nauk

Nueralgia of the trigeminal nerve. Zdorov'e 6 no.12:26 D '60. (MIRA 13:12)

(NEURALGIA, TRIGEMINAL)

TURUBINER, Yu., podpolkovnik

Staff, planning, flights. Av. i kosm. 48 no.11:18-21 N '65. (MIRA 18:10)

TURUDIC, R.

"Some observations on tactical training of armored units."
Vojni Glasnik, Beograd, Vol 7, No 12, Dec 1953, p. 23

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

TURUDIC, V.

SURNAME (in ca[illegible]); Given Names

Country: Yugoslavia

Academic Degrees: [not given]

Affiliation: [not given]

Source: Belgrade, Veterinarski glasnik, No 4, 1961, pp 295-301.

Data: "Enzootic of Leptospirosis in Military Horses in the Village of Glogonj."

Authors:

TURUDIC, V.
TRBIC, B.
KOKANOVIC, R.
PEJKOVSKI, J.

TURUK, A.I., inzh.; ANISIMOV, B.N.; NAGORNYAK, G.A.; ATOYAN, K.M., kand. tekhn. nauk, red.

[Catalog of spare parts for the LAZ-695E "L'viv" and LAZ-697E "Turist" motorbuses] Katalog zapasnykh chastei avtobusov LAZ-695E "L'viv" i LAZ-697E "Turist." Moskva, Mashinostroenie, 1965. 319 p. (MIRA 18:5)

1. L'vovskiy avtobusnyy zavod. 2. Konstruktorsko-eksperimental'nyy otdel L'vovskogo avtobusnogo zavoda (for Turuk, Anisimov, Nagornyak).

TURUK, A.I., inzh.; ANISIMOV, B.N., inzh.; ATOYAN, K.M., inzh., red. ARTYUKHIN, V.A., red.izd-va; EL'KIND, V.D., tekhn. red.

[Catalog of spare parts for the LAZ-695B "L'viv." motorbus] Katalog zapasnykh chastei avtobusa LAZ-695B "L'viv." Moskva, Mashgiz, 1963. 259 p. (MIRA 16:5)

1. L'vovskiy avtobusnyy zavod.
(Motorbuses—Catalogs)

TURUK, Irina Fedorovna; STOYKOVA, Valentina Nikolayevna

[Guide for the translation of technical material from English into Russian] Posobie po perevodu tekhnicheskikh tekstov s angliiskogo iazyka na russkii. Izd.2. Moskva, Vysshaia shkola, 1963. 154 p. (MIRA 17:4)

L 43026-66 EWT(1)
ACC NR: AP6030012

SOURCE CODE: UR/0020/66/169/005/1052/1053

AUTHOR: Komar, A. P. (Academician AN UkrSSR); Stabnikov, M. V.; Turukhano, B. G. 49 B

ORG: Physicotechnical institute im. A. F. Ioffe, Academy of Sciences SSSR (Fiziko-tekhnicheskiy institut Akademii nauk SSSR)

TITLE: Image reconstruction of transparent and refractive objects by means of phase holograms 25

SOURCE: AN SSSR. Doklady, v. 169, no. 5, 1966, 1052-1053

TOPIC TAGS: laser photography, holography, image ~~reconstruction, hologram~~ amplification, photographic image

ABSTRACT: Holograms of transparent and refractive objects (snapshots, bubbles in liquids or glasses, and water droplets) were obtained by means of a setup using a single-mode He-Ne laser operating at 6328 A (see Fig. 1). To avoid loss of image quality

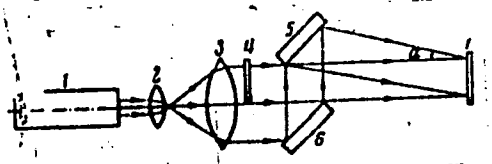


Fig. 1. Setup for obtaining holograms

1 - He-Ne laser; 2 and 3 - diverging lenses; 4 - object; 5 and 6 - beam splitter mirrors; 7 - film; α - angle subtended on a mirror by the image.

UDC: 621.375.8:539.1.073

Card 1/2

L 45020-66

ACC NR: AP6030012

O

due to vibrations, the equipment was supported on automobile tires. The system makes it possible to reduce the angle α to a minimum. The experimental data point to the possibility of obtaining holograms of bubbles and droplets in a volume with a comparatively large viewing length. Orig. art. has: 3 figures. [YK]

SUB CODE: 20/ SUBM DATE: 06May66/ ORIG REF: 001/ OTH REF: 003/ ATD PRESS: 5065

Card 2/2

ZAKSON, R.I.; TURUKIN, F.G.

Welding and hard facing by friction of agricultural machinery parts. Avtom. svar. 18 no.3:48-50 Mr '65.
(MIRA 18:6)

1. Nauchno-issledovatel'skiy institut tekhnologii traktornogo i sel'skokhozyaystvennogo mashinostroyeniya.

BARCHENKO, Ivan Petrovich, prof.; CHISTYAKOVA, Aleksandra Matveyevna, dots.; VANKHANEN, Vil'yam Davidovich, kand. med. nauk; KRYZHANOVSKAYA, Yelena Stanislavovna, dots.; Prinimali uchastiye: PETROVSKIY, K.S., prof.; ALEKSANDROVA, N., nauchn. sotr., prepodavatel'; BEDULEVICH, T., nauchn. sotr., prepodavatel'; TURUK-PCHELINA, Z., nauchn. sotr., prepodavatel'; SHARINA, Ye., nauchn. sotr., prepodavatel'; BURSHTEYN, A.I., prof.; SHEVCHENKO, M.G.; STOLMAKOVA, A.I.

[Manual on the vocational training of students in nutritional hygiene] Rukovodstvo k proizvodstvennomu obucheniiu studentov po gigiene pitaniia. 2. izd., ispr. i dop. Kiev, Zdorov'ia, 1965. 221 p. (MIRA 18:7)

1. Zaveduyushchiy kafedroy gigiyeny pitaniya I Moskovskogo meditsinskogo instituta im. I.M.Sechenova (for Petrovskiy). 2. Kafedra gigiyeny pitaniya I Moskovskogo meditsinskogo instituta im. I.M.Sechenova (for Aleksandrova, Bedulevich, Turuk-Pchelina, Sharina). 3. Zaveduyushchiy kafedroy gigiyeny pitaniya Odesskogo meditsinskogo instituta (for Burshteyn). 4. Glavnyy inspektor po gigiyene pitaniya Ministerstva zdravookhraneniya SSSR (for Shevchenko).

TURUK-PCHELINA, Z. F.

Cand Med Sci - (diss) "Experience in the hygienic basis in designing eating areas in centralized hospitals." Moscow, 1961. 16 pp; (Ministry of Public Health USSR, Central Inst for Advanced Training of Physicians); 250 copies; price not given; (KL,5-61 sup, 206)

TURUK-PCHELINA, Z.F. (Moskva)

Planning kitchen blocks for hospitals. Vop.pit. 16 no.1:81-83 Ja-F '57.
(HOSPITALS--FOOD SERVICE) (MLRA 10:3)

TURUKHIN, B.G., inzh.

Special foundation of an overhead line crossing the Ob River. Energ. stroi. no.1:70-71 '65. (MIRA 18:7)

TURUKIN, A.

New achievements of a leading brigade. Mast.ugl 5 no.11:12 N'56.
(MLRA 10:1)

1. Instruktor otdela ugol'noy promyshlennosti Kemerovskogo obkoma Kommunisticheskoy partii Sovetskogo Soyuza.
(Coal mines and mining)

TURUKINA, Antonina Mikhaylovna; MARKOVA, S.M., red.; KAYDALOVA, M.D., tekhn.red.

[For two-year's pork] Za dva godovykh plana po miasu. Khabarovsk, Khabarovskoe knizhnoe izd-vo, 1960. 38 p. (MIRA 14:12)
(Swine)

TURUKINA, L., inzhener.

Innovators took part in the competition. Mast.ugl. 3 no.2:12 F '54.
(MLRA 7:3)
(Coal mines and mining)

0-2

USSR / Plant Diseases. Cultivated Plants.

Abs Jour: Ref Zhur-Biol., 1958, No 17, 78003

Author : Turukina, N. F.
Inst : Not given
Title : The Most Extensive Disease of Grain Crops in the Transcarpathian, and Measures of Their Control.

Orig Pub: Sb. nauchn. tr. Zakarpatsk. obl. gos. e.-kh. opytn. st., 1950-1955 (1957), 1, 58-75

Abstract: On the basis of 5 years of observations by the author, a review was compiled of the most important diseases of grain crops and measures taken for their control. Brown leaf rust and smut belong to the most harmful and extensive diseases.

Card 1/2

USSR / Plant Diseases. Cultivated Plants. 0-2

Abs Jour: Ref Zhur-Biol., 1958, No 17, 78003

Abstract: Agrotechnical measures (shallow ploughing of the stubble, destruction of windfalls, periods of sowing, organic-mineral fertilizer and others) are factors that increase the resistance of plants to leaf rust. A single-phase thermal disinfection decreases the percentage of powder and firm smut of spring wheat and barley.

Card 2/2

TURUK-PCHELINA, Z.F., kand.med.nauk

What they don't ask us about. Zdorov'e 9 no.4:15-16 Ap'63.
(MIRA 16:7)

(NUTRITION)

PETROVSKIY, K.S.; BEDULEVICH, T.S.; ALEKSANDROVA, N.N.; TURUK-PCHELINA, Z.F.

Review of the collection "The problems of the hygiene of nutrition and alimentary diseases." Vop. pit. 22 no.6:76-78 N-D '63. (MIRA 17:7)

TURUK-PCHELINA, Z.F., assistent

Discharge of acrolein in the air during food preparation. (MIRA 13:10)
Gig. i san. 25 no. 5:96-97 My '60.

1. Iz kafedry gigiyeny pitaniya I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.
(ACROLEIN) (FOOD INDUSTRY--BY-PRODUCTS)

ACC NR: AP6012869 SOURCE CODE: UR/0118/66/000/004/0019/0019

AUTHOR: Dobyrn, V. V. (Engineer); Stabnikov, M. V. (Engineer); Turukhano, B. G. (Engineer)

ORG: none

TITLE: Automatic and inertia-free measurement of the geometric characteristics of objects

SOURCE: Mekhanizatsiya i avtomatizatsiya proizvodstva, no. 4, 1966, 19

TOPIC TAGS: quality control, measuring instrument, industrial automation

ABSTRACT: For accurate, rapid, and objective measurements of lengths, a device has been developed in the Physics Engineering Institute im. A. O. Ioffe (fiziko-tekhnicheskiy institut), a block diagram of which is shown (Fig. 1). The basic components of the instrument are: an illumination device with its supply unit, a light sensor or receiver, and a device designed to analyze and process the light signal received by the sensor. The measurement process takes place as follows: the object is positioned so that its edge or a "pennant" attached to its edge interrupts a part of the light beam from the illuminator to the sensor. The sensor is designed so as to make it possible to determine, with whatever degree of accuracy may be required, the location of the boundary of the object or of the "pennant" fastened to it. This boundary obviously

UDC: 531.717.11

Card 1/3

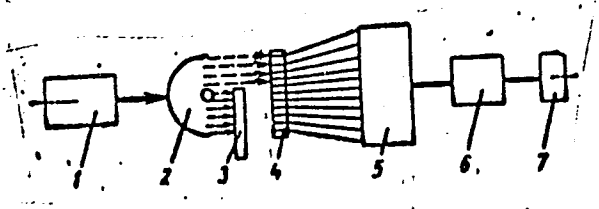
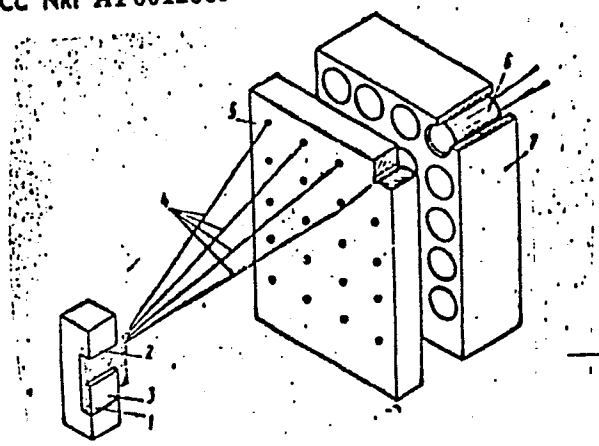


Figure 1. Diagram of the instrument

1- power-supply unti for pulse lamp IFK; 2- pulse flash lamp IFK; 3- object to be measured; 4- band with attached light-guides; 5-photoconverter holder; 6- ratio circuit to count the number of light-guides illuminated by the flash; 7- light-up display board or some other kind of display unit to indicate the size of test object

determines the length of the object, its diameter, etc. The receiver (Fig. 2) consists of a frame, fastened to which is a band with the light-guides (thin glass fibers) and a base for the photoelectric converters. Each light-guide is connected to an FO-1 photoelectric converter. The guides, 30 microns in diameter, are placed flush against each other on the band. These light ducts are faced with a layer of epoxy, and their ends are polished. The IR pulse lamp IFK is employed as the illuminator, and it is flashed during the measurement. The light strikes the open part of the fibrous light-guides, while the photocells connected to these guides give off electrical pulses which reach the circuit, whose function it is to count the number of illuminated fibers, i.e., to determine the size of the object. The results of this test are flashed on the display board with a test time of about 0.1 sec. The test repetition frequency is 2/sec. The unit can be adapted to provide readouts of different geometric characteristics and their

ACC NR: AP6012869



representation on tape, photographic paper, etc. The dimensions of the objects to be measured may vary within wide tolerances, with the accuracy of the measurement depending on the diameter of the light-guides used. This diameter is in turn limited by diffraction on the edges of the object. The electronic circuitry is simple and reliable in operation, and may be used for automatic rejection of off-sized items.

Fig. 2. Diagram of light-receiver

1 - light receiver; 2 - band; 3 - expoxy facing with aluminum powder; 4 - light-guides; 5 - guide branch plate; 6 - photoelectric converter; 7 - converter holder

SUB CODE: 13,14/ SUBM DATE: none

Card 3/3

KABO, L.D.; LITVIN, N.A., kand. sel'skokhoz. nauk; BELOUS, N.V.; VASILENKO, L.D.; ZEYFERT, O.A.; KOVALEV, F.V.; TURULEV, V.K., aspirant

Sorgo as a valuable crop. Zemledelie 27 no.4:52-61 Ap '65. (MIRA 18:4)

1. Nachal'nik Upravleniya zernovykh i kormovykh kul'tur Ministerstva proizvodstva i zagotovok sel'skokhozyaystvennykh produktov Uzbekskoy SSR (for Kabo). 2. Ukrainskiy nauchno-issledovatel'skiy institut oroshayemogo zemledeliya (for Litvin, Belous, Vasilenko). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut agrolesomelioratsii (for Zeyfert). 4. Donskoy sel'skokhozyaystvennyy institut (for Kovalev, Turulev).

S/048/63/027/001/002/043
B163/B180

AUTHORS: Zakhariya, N. F., Turulina, O. P., and Fuga, N. A.

TITLE: Investigation of the thermochemical processes in spectroscopic analysis

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya, v.27, no. 1, 1963, 4-5

TEXT: Mixtures containing ZrO_2, oxides of impurity elements and halides of Cu and Ag and mixtures in which the basic components were oxides of other rare elements such as Nb, Hf, and Ta, were heated to 800 - 2500°K. The residue, in some cases the sublimate, was quantitatively analyzed and the temperature dependence of reaction and sublimation rates determined, as also the most probable reaction process. Thermodynamic calculations were made and the kinetics studied. The interaction of impurities with a reactant depends on the formation of compounds with the basic component and the probability and thermal stability of such compounds depend on the intensity of the cation field of the oxides. For the halogenization of stable compounds the cation radii of the expelled element and the

reactant must be similar. Besides decomposition of complex compounds into component oxides, at high temperatures all oxides are either reduced to the metal or to lower valence oxides. Interaction mechanisms differ for different multivalent oxides, e. g. Fe_2O_3 reacts with AgCl to form $FeCl_3$, and Cr_2O_3 forms Ag_2CrO_4 at low temperatures while at higher temperatures, the metals or lower oxides interact with the reactant. The best reactants are halides with low vapor tension which persist in the specimen even at high temperatures. The temperature dependence of the free energy of the reaction

$$(Me_nO_m + 2mAgCl + mC \rightleftarrows \rightleftarrows nMeCl_{\frac{2m}{n}} + 2mAg + mCO)$$

is given in Fig. 2. It shows that chlorination reactions are excellent for the expulsion, and consequently the spectroscopic determination, of elements to the left of the periodic system. This paper was presented at the 14th Conference on Spectroscopy in Gor'kiy, July 5-12, 1961. There are 2 figures.

Card 2/4

ASSOCIATION: Institut obshchey i neorganicheskoy khimii Akademii nauk USSR (Institute of General and Inorganic Chemistry of the Academy of Sciences UkrSSR)

Fig. 2. Variation of free reaction energy ΔF^{o} on temperature. "n" and "k" are the melting point and boiling point of the chlorides.

Legend: (1) ΔF^{o}, kcal g-equiv^{-1} of the chloride
(2) T_B, boiling point of AgCl, 1823°K

Card 3/4

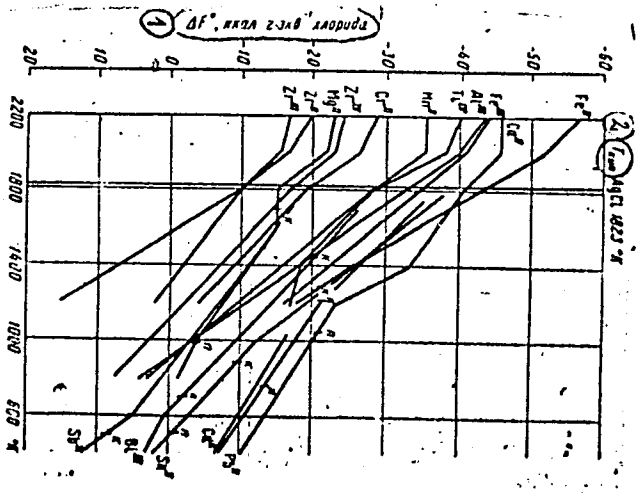


Fig. 2

ZAKHARIYA, N. F.; TURULINA, O. P.; FUGA, N. A.

Study of thermochemical processes in spectrum analysis. Izv. AN SSSR. Ser. fiz. 27 no.1:4-5 Ja '63. (MIRA 16:1)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR.

(Thermochemistry) (Spectrum analysis)

ZAKHARIYA, N.F.; TURULINA, O.P.; KARPENKO, L.I.; VOLOSHCHENKO, I.A.

Use of sulfidizers in spectral analysis. Zav. lab. 29 no.6: 683 '63. (MIRA 16:6)

1. Institut obshchey i neorganicheskoy khimii AN UkrSSR, laboratorii v g. Odesse.
(Spectral analysis) (Sulfuration)

L 12776-63 EWT(l)/EWP(q)/EWT(m)/BDS AFFTC/ASD/SSD P1-4 RDW/JD/JG/IJP(C)
ACCESSION NR: AP3001525 S/0032/63/029/006/0683/0683 71 70

AUTHOR: Zakhariya, N. F.; Turulina, O. P.; Karpenko, L. I.; Voloschenko, I. A.

TITLE: Application of sulfidizers in spectral analysis

SOURCE: Zavodskaya laboratoriya, v. 29, no. 6, 1963, 683

TOPIC TAGS: active carrier, sulfidizer, spectral analysis, sulfur, bismuth sulfide, antimony sulfide, silicon

ABSTRACT: The purpose of the present investigation was to find a way to promote vaporization in a carbon arc of certain impurities or admixtures in minerals and ores, to be determined by spectral analysis. Sulfidizers, such as elementary sulfur, bismuth sulfide, and antimony sulfide, were found to be effective in promoting the volatilization of silicon, zirconium, selenium, tellurium, and germanium, presumably by converting their oxides (which have a high vaporization temperature) to sulfides which would volatilize at 700C, as is the case with selenium and tellurium. In selecting the proper sulfidizing agent it is essential that its dissociation temperature be above that of the derived sulfides and that it should not form a melt with the material under test. When necessary, aluminum oxide and zirconium oxide were added to the sample to render it less fusible. The paper was presented at the conference on spectroscopy, which took place

1/1

Inst. of General & Inorganic Chemistry

MUKHAMEDZHANOV, M., student; TURULINA, T., studentka; PAVLOVA, N., studentka; PARSHAKOVA, V., studentka; SUTBAYEV, S., student; SIDOROV, V., student; ANDRUSEVICH, V., student; BAYMENOV, A., student; ABRAMOVICH, B., student; MALINOVSKAYA, Ye., studentka; GUDOCHKINA, L.M., assistent

Mineralogical characterisitcs of loess of Alma-Ata Province. Sbor. nauch. trud. Kaz GMI no.19:159-163 '60. (MIRA 15:3)
(Alma-Ata Province--Loess)

SADYKOV, A.S.; TURULOV, A.V.; BURTMAN, B.G.; ASRIYANTS, B.M.

Aspergillus flavus strain, producer of kojic acid. Uzb. biol. zhur. 9 no.2:21-23 '65. (MIRA 18:5)

1. Institut khimii polimerov AN UzSSR.

BUYEVEROVA, V.M., SIDYAKIN, G.P., KURUSOV, A.V.

Bentonite

Bentonites and clays of Uzbekistan. Vin SSSR 12, no. 3, 1952.

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

BUYEVEROVA, YE.M., SIDYAKIN, G.P., TURULOV, A.V.

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