"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBAT'YELLO, G.P.; BRAVERMAN, I.B.; KISELEV, F.I.; SPIRIDONOV, Ye.Ye.

Methods and some results of the use of anesthesia for the prevention and treatment of traumatic shock under work conditions of the antishock teams of the first medical aid station of the city of Moscow. Trudy Inst. im. N.V. Sklif. 9:249-254 '63. (MIRA 18:6)

1. Stantsiya skoroy meditsinskoy pomoshchi Moskvy.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBAINIS, O. V.

"Otrazheniye vztlyadov naroda na religiyu v latyshskom fol'klore."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences, Moscow, 3-10 Aug 64.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBERG, K. Kh A

Substituting silage for mixed feed in the winter feedin g of milch cows. p. 117.

SOTSIALISTLIK POLLUMAJANDUS. (Pollumajanduse Ministeerium) Tallinn, Estonia. Vol. 13, no. 3, March 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 11, November 1959.

Uncl.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBERG, Kh. A.

Digestibility of the feed rations of milch cows. p. 354.

GAZ, WODA I TECHNIKA SANITARNA (Stowarzyszenie Naukowo-Techniczne Inzynierow i Techników Sanitarnych, Ogrzewnictwa i Gazownictwa) Warszawa, Poland, Vol. 13, no. 8, Aug 1958.

Monthly list of East European Accession (EEAI) LC, Vol. 9, no. 2, Feb. 1960

Uncl.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBERG, Kh. A., Cand of Agri Sci -- (diss) "The Effect of Various Correlations of Rich Fodder, Especially Silage, in the Productivity of Dairy Cows in Winter Feeding in the in the Estonian SSR," Tartu, 1959, 26 pp (Academy of Sciences, Estonian SSR) (KL, 7-60, 109)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBERGER, A.

Journal of the Science
of Food and Agriculture
Feb. 1954
Agriculture and Horticulture

Five-year pot experiments with crude soft rock phosphates for grass on clay soils. E. Hofmann and A. Amberger (*Z. PflErnähr. Düng.*, 1953, 62, 210—214).—After the first year of trial, the North African crude phosphates Renophos (Hyperphosphate Reno) and Agrophos produced, in comparison with basic slag or $CaH_4(PO_4)_2$, equal or higher yields of dry matter from *Lolium italicum*, especially with moderate or no liming. P. S. ARUP.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBLER, M.

Contribution to the surgical treatment of deforming arthroses of the knee joint. Acta chir. orthop. traum. cech. 31 no.1: 49-56 F '64.

Stenosing tendovaginitis of the foot. Ibid.:68-71

1. Ortopedicke oddeleni nemocnice s poliklinikou v Susici, (vedouci MUDr. Z. Pesek).

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

PESEK, Zdenek;AMBLER, Miroslav

Advantages of clinical care in the treatment of luxation of the hip joint immediately after birth. Acta chir. orthop. traum. cech. 27 no.1:34-35 F '60

1. Ortopedicke oddeleni OUNZ Susice, primar MUDr. Zdenek Pesek.
(HIP fract. & disloc.)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBLER, Miroslav

SURNAME, Given Names

(2)

Country: Czechoslovakia

Academic Degrees: MD

Affiliation: Orthopedic Department OUNZ /Okresni ustav narodniho zdravi; Okres Institute of Public Health/ (Ortopedicke oddeleni OUNZ), Susice; Head Physician: Z. PESEK, MD.

Source: Prague, Prakticky Lekar, Vol 41, No 8, 1961, pp 364-366.

Data: "Injury of the Meniscus Cartilage in Older Persons."

91

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBLER, M.

CZECHOSLOVAKIA

AMBLER, M., MD; VEVERKOVA, M., Rehabilitation Technician

1. Orthopedics Ward OUNZ (Ortopedicke oddeleni OUNZ), Klatovy; 2. Susica Hospital (Nemocnice v Susici), Susica (for all)

Prague, Prakticky lekar, No 5, 1963, pp 179-180

"Diseases of Bone Joints in Very Old People."

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBLER, Z.; ULC, M.; LEDINSKY, Q.

Aneurysm of the internal carotid artery in its extracranial course. Rozhl. chir. 44 no.9:667-669 S '65.

1. Neurologicke oddeleni Vojenske nemocnice v Plzni (nacelnik MUDr. M. Ulc), Neurochirurgicke oddeleni (vedouci MUDr. Q. Ledinsky, CSc.) a I. chirurgicke kliniky lekarske fakulty Karlovy University v Plzni (prednosta doc. dr. J. Spinka).

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBLER, Zdenek, promovany lekar

Contribution to occupationall paralysis of the ulnar nerve. Voj. zdrav. listy 34 no.2:56-58 Ap '65

1. Neurologicke oddeleni vojenske nemocnice v Plzni (nacelnik podplukovnik MUDr. Miloslav Ulc).

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBO, J.; KRUUS, V.

Experiences in using opensurface method of preparing ensilage. p.546

SOTSIALISTLIK POLLUMAJANDUS. Tallinn, Estonia. Vol. 14, no. 12, June 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBOKADZE, G. M.

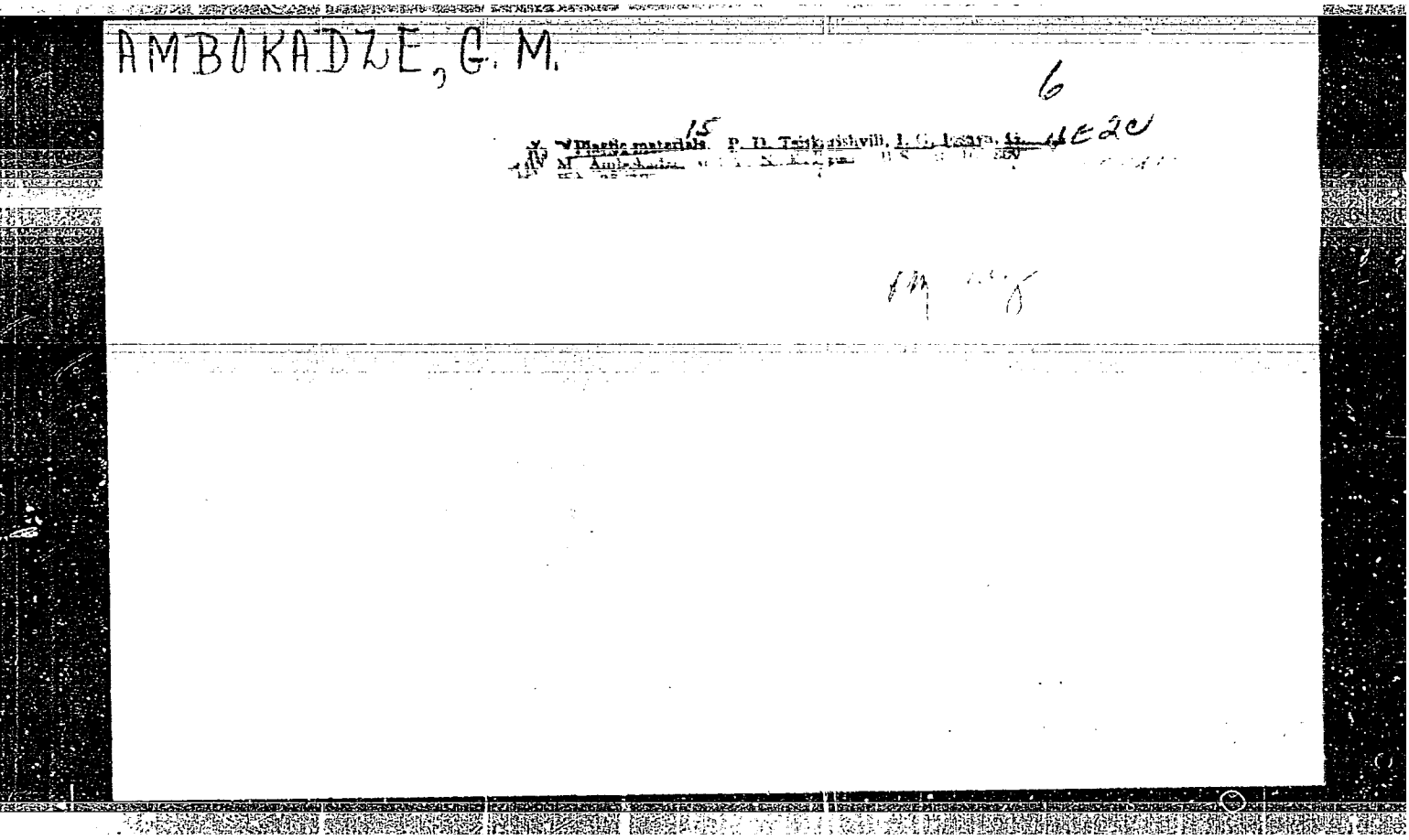
Ambokadze, G. M.

"Investigation of the Optimum Moment of Resistance to Rotation of the Conic Roller Bearings in the Reduction Gear in the Rear Axle of an Automobile." Min Higher Education USSR. Georgian Order of Labor Red Banner Polytechnic Inst. imeni S. M. Kirov. Tbilisi, 1955. (Dissertation for the degree of Candidate in Technical Sciences)

SO: Knizhnaya letopis' No. 27, 2 July 1955

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4



APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBOKADZE, G.M.

Bench for testing various mechanisms of automobiles. Sob. AN Gruz. SSR 22 no.3:321-328 Mr '59. (MIRA 12:8)

1.AN GruzSSR, Institut metallurgii, Tbilisi. Predstavleno akademikom.V.V. makhaldiani.
(Automobiles--Testing)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

TSISKARISHVILI, P.D.; AMBOKADZE, T.M.

Fusibility of rhabdopissite. Trudy Inst.khim. AN Gruz.SSR 14: 193-202 '58. (MIRA 13:4)
(Rhabdopissite)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

14-57-7-14400

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 7, p 20 (USSR)

AUTHORS: Ambokadze, V. A., Lobzhanidze, G. A.

TITLE: The Effect of Perennial Grass on Soil Erosion and Surface Runoff (Vliyaniye mnogoletnikh seyanykh trav na eroziyu pochv i poverkhnostnyy stok)

PERIODICAL: Tr. in-ta pochvoved., AN GruzSSR, 1953, Nr 5, pp 129-148

ABSTRACT: Bibliographic entry

Card 1/1

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

OLAH, Imre, dr.; AMBORZY, Gyorgy, dr.

A new method for the diagnosis of thrombosis of the internal carotid artery. Ideggyogy. szemle 15 no.6:175-182 Je '62.

1. Budapesti Orvostudomanyi Egyetem Neurologiai Klinikajanak (Igazgato: Moranyi Bela dr. egyetemi tanar) kozlemenye.
(THROMBOSIS diag) (ANIOGRAPHY) (CAROTID ARTERIES dis)
(CEREBRAL EMBOLISM AND THROMBOSIS diag)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBRASHKA, K.A.

Treatment of hypertension at Druskininka Health Resort. Sbor. nauch. rab. vrach. san.-kur. uchr. profsoiuzov no.1:147-154 '64.
(MIRA 18:10)

1. Sanatoriy "Dzuknya" (glavnyy vrach A.Gaydis).

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBRATSUMOV, S.M., kand.med.nauk

Oxidation-reduction potential of the blood in patients with brucellosis. Terap.arkh. 33 no.11:90-93 '61. (MIRA 15:5)

1. Iz kafedry infektsionnykh bolezney (zav. - prof. A.L. Katsenovich [deceased]) sanitarno-gigiyenicheskogo fakul'teta Tashkentskogo meditsinskogo instituta.
(BRUCELLOSIS) (BLOOD)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBRAZAS, Ceslovas.; ALEKSIUNAITE, A., red.

[The story of a plant] Gamyklos istorija. Vilnius, Leidykla "Mintis," 1965. 64 p. [In Lithuanian]
(MIRA 18:6)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBRAZEVICIENE, Emilija; KAMINSKIENE, L., red.

[Red blood diseases; anemias, erythremia] Raudonojo kraujo ligos; anemijos ir eritremija. Vilnius, Vastybine politines ir mokslines lit-ros leidykla, 1964. 119 p. [In Lithuanian] (MIRA 17:7)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBRAZYAVICHYUS, A. B., Cand Tech Sci (diss) -- "Investigation of the thermal emission of a plate in a stream of dripping liquid". Kaunas, 1959. 16 pp (Kaunas Polytech Inst), 150 copies (KL, No 9, 1960, 124)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

L 24404-66 EWT(l)/EWP(m)/EWT(m)/T/EWA(l) WW/DJ/GS

ACC NR: AT6006922 SOURCE CODE: UR/0000/65/000/000/0365/0368

AUTHOR: Zhukauskas, A. A.; Shlanchyauskas, A. A.; Makaryavichyus, V. I.; Ambrazyavichyus, A. B.

ORG: Power and Electrotechnical Institute AN LitSSR (Institut energetiki i elektrotekhniki AN LitSSR)

TITLE: Determination of the interaction of the velocity and temperature fields in a boundary layer with variable viscosity

SOURCE: Teplo- i massoperenos. t. II: Teplo- i massoperenos pri vzaimodeystvii tel s potokami zhidkostey i gazov (Heat and mass transfer. v. 2: Heat and mass transfer in the interaction of bodies with liquid and gas glows). Minsk, Nauka i tekhnika, 1965, 365-368

TOPIC TAGS: boundary layer theory, fluid viscosity, turbulent heat transfer

ABSTRACT: In the given case, the relationship between the temperature field and the velocities is expressed in the form of the integral:

$$\theta = \frac{q_w w_{max}}{(t_l - t_w)\tau_w} \int_0^{\varphi} \frac{\Pr(1+\varepsilon_\tau/\nu)\frac{q/q_w}{\tau/\tau_w}}{c_p[1+\Pr\varepsilon_q/\varepsilon_\tau(\varepsilon_q/\nu)]} d\varphi,$$

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L 24404-66

ACC NR: AT6006922

which is obtained on the basis of general assumptions on the tangential stress and the heat flux in turbulent transfer

$$\tau = (\mu + \rho\varepsilon_\tau)\frac{dw_x}{dy},$$

$$q = (\lambda + \rho c_p \varepsilon_q)\frac{dt}{dy}.$$

Experiments were made to determine the distribution of the velocities and the temperatures in the boundary layer on a plate. The experiments were carried out under isothermal conditions, with heating and cooling water and of transformer oil, in a Reynolds number range from 3×10^5 to 6×10^6. Curves are given showing the resulting deformation of the velocity field under heat transfer conditions, and the turbulent velocity profiles with heating of the liquid. A final curve shows the results of a calculation of the temperature profile in transformer oil, with and without taking into account the change in viscosity. By taking the change of viscosity into account good agreement is obtained between experimental and theoretical data. Orig. art. has: 2 formulas and 3 figures.

SUB CODE: 20/ SUBM DATE: 09Nov65/ OTH REF: 003

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APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

MAKARYAVICHYUS, V.I. [Makarevicius, V.]; ZHYUGZHDA, I.I. [Ziugzda, J.]; AMBRAZYAVICHYUS, A.B. [Ambrazevicius, A.]; LYUDKYAVICHYUS, P.I. [Liudkevicius, P.]; ZHUKAUSKAS, A.A. [Zukauskas, A.]

Speed distribution in the isothermal boundary layer on a plate. Trudy AN Lit. SSR Ser. B no.3:91-97 '63. (MIRA 18:3)

1. Institut energetiki i elektrotekhniki AN Litovskoy SSR.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

ZHYUGZHDA, I.I. [Ziugzda, J.]; MAKARYAVICHYUS, V.I. [Makarevicius, V.]; SHLANCHYAUSKAS, A.A. [Slanciauskas, A.]; AMBRAZYAVICHYUS, A.B. [Ambrazevicius, A.]; EYDUKYAVICHYUS, P.I. [Eidukevicius, P.]; ZHUKAUSKAS, A.A. [Zukauskas, A.]

Speed and temperature distribution in the turbulent boundary layer on a plate. Trudy AN Lit. SSR Ser. B no.3:99-105 '63. (MIRA 18:3)

1. Institut energetiki i elektrotekhniki AN Litovskoy SSR.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

ZHUKAUSKAS, A.A. [Zukauskas, A.]; AMBRAZYAVICHYUS, A.B. [Ambrazevicius, A.]; ZHYUGZHDA, I.I. [Ziugzda, I.]

Effect of the nonisothermality of a surface on heat transfer from a plate in a longitudinal flow. Inzh.-fiz. zhur. 7 no.4:3-7 Ap '64. (MIRA 17:4)

1. Institut energetiki i elektrotekhniki AN Litovskoy SSR, Kaunas.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

ACCESSION NR: AP4038656 S/0170/64/000/004/0003/0007

AUTHOR: Zhukauskas, A. A.; Ambrazyavichyus, A. B.; Zhyugzhda, I. I.

TITLE: Effect of the nonisothermality of a surface on the heat exchange of a plate in longitudinal flow

SOURCE: Inzhenerno-fizicheskiy zhurnal, no. 4, 1964, 3-7

TOPIC TAGS: Surface nonisothermality, heat exchange, longitudinal flow, laminar boundary layer, turbulent boundary layer, laminar flow, turbulent flow, heat transfer

ABSTRACT: The heat exchange between a nonisothermal plate and a flow of air, water, and transformer oil with a laminar and turbulent boundary was studied experimentally in the range of Re_x numbers ranging from 10 to 3×10^7. Criterial equations were derived for calculating the heat exchange between a plate and a laminar and turbulent boundary layer. It was found that in the case of a laminar boundary layer, the initial unheated segment of the plate has a substantial effect on the heat transfer. The nonisothermality of the surface has an appreciable effect on the rate of the heat exchange. Orig. art. has: 3 figures, 7 formulas, and 2 tables.

Card 1/2 Inst. Power & Electrical Engineering AS Lit SSR

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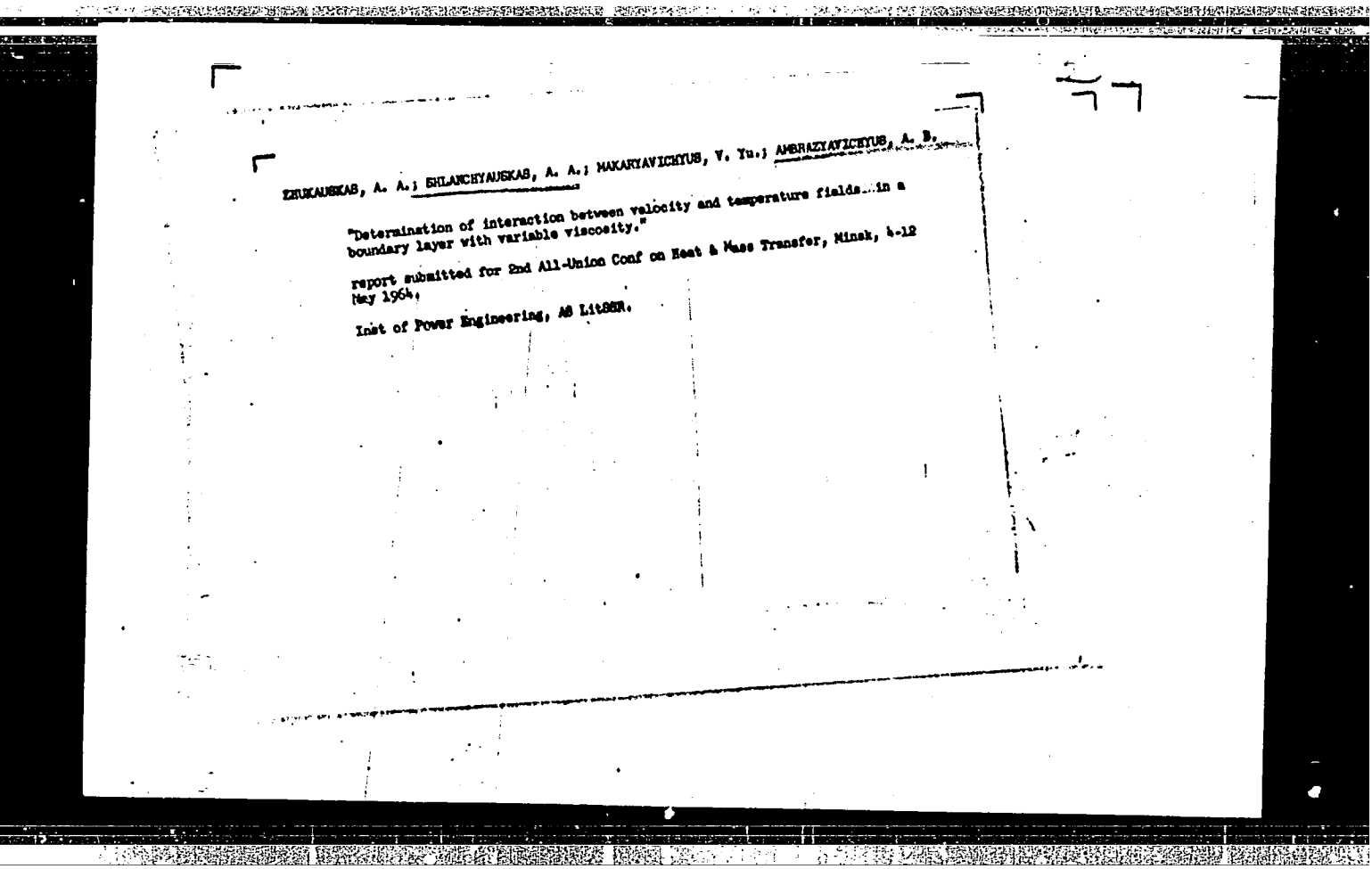
"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4



ZHUKAUSKAS, A. A.; SHLANCHYAUSKAS, A. A.; MAKARYAVICHYUS, V. Yu.; AMBRAZYAVICHYUS, A. B.

"Determination of interaction between velocity and temperature fields in a boundary layer with variable viscosity."

report submitted for 2nd All-Union Conf on Heat & Mass Transfer, Minsk, 4-12 May 1964.

Inst of Power Engineering, AS LitSSR.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

SZEKELY, Katalin, dr.; AMBRO, Irma, dr.

Data on clinical aspects of congenital tuberculosis. Gyermekgyogyaszat 12 no.8:253-256 Ag '61.

1. Debreceni Orvostudomanyi Egyetem Gyermekklinikajanak (Igazgato: Kulin Laszlo dr. egyetemi tanar) kozlemenye.

(TUBERCULOSIS in inf & child)
(INFANT NEWBORN dis)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

NAGY, Endre, dr.; CSOKA, Imre, dr.; AMBRO, Irma, dr.

Treatment of dermatomyositis with synthetic antimalarial drugs. Borgyogy. vener. szemle 40 no.2:60-64 Ap'64.

1. A Debreceni Orvostudomanyi Egyetem Borklinikajanak (Igazgato: dr. Szodoray Lajos egyetemi tanar) es a Debreceni Orvostudomanyi Egyetem Gyermekklinikajanak (Igazgato: Kulin, Laszlo, dr. egyetemi tanar) kozlemenye.

*

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AUTHOR AMBROK, G.S., PA - 2809

TITLE Influence of Surface Temperature Variation on Heat Exchange by Laminar Flow in Boundary Layer.
(Vliyaniye peremennosti temperatury poverkhnosti na teplocbmen pri laminarnom techenii v pogranichnom sloye - Russian)

PERIODICAL Zhurnal Tekhn. Fiz., 1957, Vol27, Nr 4, pp 812-821, (U.S.S.R.)
Received 5/1957 Reviewed 6/1957

ABSTRACT The solution of the equation for a laminar layer are given for the case where the distribution of velocity in the external current changes and surface temperature changes according to length. The physical constants are assumed to be invariable. The temperature gradient along the wall is taken to be much smaller than that of the transverse gradient of the boundary layer. The method for the solution of the problem is given by means of which the final formula for theNusselt-number Nu is obtained. The magnitude of i and j is then determined, in which case the exact special solutions of the equations for the laminar layer are used for that case in which the velocity of the external current changes according to the powerlaw $U = cx^m$ and where the temperature is t_o=const. The values obtained are shown together in a table. The quantity j changes by 1e°/o if the form parameter is modified within from -o.o68 to o.o85. Finally a comparison with the solution and the experiment of Fedzn and Fokner is given. The calculation data of the author (Ambrok) are shown to agree better with the experiment. Fedzn and Fokner assumed that the change of velocity in the transverse direction of the boundary layer to be formed

Card 1/2

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Influence of Surface Temperature Variation on Heat Exchange by Laminar Flow in Boundary Layer. PA - 2809

linearly, which is a rough approximation in comparison to the real course of velocity. (With 2 tables and 3 citations from Slav publications)

ASSOCIATION TsKTI I.I.Polzunov, Leningrad (TsKTI im. I.I.Polzunova)
PRESENTED BY
SUBMITTED 8.10.1956
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APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

Ambrok G. S.

57-9-28/40

AUTHOR: Ambrok, G.S.

TITLE: Approximate Solution of Equations of the Thermal Border Layer with Various Structures
(Priblizhennoye resheniye uravneniy teplovogo pogranichnogo sloya razlichnoy struktury)

PERIODICAL: Zhurnal Tekhn. Fiz., 1957, Vol. 27, Nr 9, pp. 2134 - 2142 (USSR)

ABSTRACT: An approximated solution for the different structures of a thermal border layer and variable surface temperature is dealt with. Equations are derived for a laminary boundary layer, from which, by using the relations obtained by V.S. Petukhov, A.A. Detlaf, and V.V. Kirillov (Zhurn. Tekhn. Fiz., 1954, Nr 10) by experiments, it is possible to obtain the formula for the computation of the local heat exchange in the presence of a turbulent boundary layer. The results obtained by this method are compared with the experimental data obtained for plates and gas turbine blades. For a confuse velocity distribution good agreement between computed and experimental results was obtained with plates. Deviations do not exceed 5 %. For a diffuse velocity distribution computed values are not as high as experimental ones, particularly in the rear part of the surface. When com-

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROK, G. S.

124-58-9-9967D

Translation from: Reverativnyy zhurnal, Mekhanika, 1958, Nr 9, p 73 (USSR)

AUTHOR: Ambrok, G. S.

TITLE: Investigation of the Thermal Boundary Layer Relative to Gas-turbine Cascades (Issledovaniye teplovogo pogranichnogo sloya primenitel'no k gazoturbinnym reshetkam)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Candidate of Technical Sciences, presented to the Leningr. politekhn. in-t (Leningrad Polytechnic Institute), Leningrad, 1958

ASSOCIATION: Leningr. politekhn. in-t (Leningrad Polytechnic Institute), Leningrad

1. Gases--Boundary layer 2. Boundary layer--Temperature factors
3. Gas turbines--Performance

Card 1/1

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S/114/60/000/002/003/007
E194/E155

26.2124

AUTHOR: Ambrok, G.S., Candidate of Technical Sciences

TITLE: An Investigation of Local Heat Transfer at a Gas-Turbine Blade Profile

PERIODICAL: Energomashinostroyeniye, 1960, No. 2, pp. 29-31

TEXT: In order to be able to design cooling systems for gas-turbine blades it is necessary to know the local coefficients of heat transfer at the blade profile. Little work has hitherto been published about this. The present article describes an experimental investigation of heat transfer in a flat assembly of gas-turbine blades with Mach numbers at discharge from the blading up to M = 0.72. The tests were made on sets of five blade profiles mounted in a wind tunnel. The shape tested was profile No. 1020 which is the runner blade of a gas turbine type ГТ-12-3 (GT-12-3). The experimental blades were made full-size, 140 mm high. Heat was generated in a special blade made of laminated wood plastic of low coefficient of thermal conductivity and high mechanical strength. Heaters and thermocouples were fitted in this blade; the other blades were made of metal. The assembly of five blades was fitted

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S/114/60/000/002/003/007
E194/E155

An Investigation of Local Heat Transfer at a Gas-Turbine Blade Profile

into a heat-insulating holder. The pressure distribution over the profile was determined with an interferometer. The formulae used in working out the experimental results are given. It is estimated that the maximum error in determining the heat-transfer coefficients is not greater than ± 10%. The heat transfer was determined for three values of the angle of incidence, and for each position at three values of Mach number. In the actual turbine the calculated Mach number at discharge from the blading is 0.465. The velocity distribution along the edge of the profile was determined from flow interferograms. Figs 2 and 3 show the distribution of M number, around the profile and also the distribution of heat-transfer coefficients for the incidence angles β_1 = 27° 30' and 40° respectively. Mean values of heat-transfer coefficient were as follows:

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E194/E155

An Investigation of Local Heat Transfer at a Gas-Turbine Blade Profile

M_2	0.72			0.52			0.35		
β_1	20°	27°30'	40°	20°	27°30'	40°	20°	27°30'	40°
$\bar{a}$, kcal/m^{2}h.°C	476	356	305	362	246	211	260	175	151

The velocity diagrams show an increase in the velocity peak on the leading edge of the blade as the angle of installation is reduced. Probably the inlet peak causes turbulence of the boundary layer, which increases the heat transfer coefficient.
There are 3 figures, 1 table and 4 references: 2 Soviet and 2 English.

Card 3/3

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROK, G.S.

Effect of a variable heat flow along the surface of a tube on heat exchange in turbulent flow. Inzh.fiz.zhur. 4 no.7:19-24 Jl '61. (MIRA 14:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii imeni Mendeleyeva, Leningrad.
(Heat exchangers) (Turbulence)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

GORDOV, Aleksandr Nikolayevich, kand. fiz.-mat. nauk; L'VOV, N.A., inzh., retsenzent; AMBROK, G.S., kand.tekhn.nauk, red.; VASIL'YEVA, V.P., red. izd-va; SHCHETININA, L.V., tekhn. red.

[Measuring temperatures of gas flows] Izmereniia temperatur gazovykh potokov. Moskva, Mashgiz, 1962. 135 p. (MIRA 15:7)

(Thermometry) (Gas flow)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROK, G.S.; GORDOV, A.N.; IVANOVA, A.G.

Method for determining the thermal inertia of certain types of instruments for surface temperature measurement. Teplofiz. vys. temp. 1 no.3:460-462 N-D '63. (MIRA 17:3)

1. Nauchno-issledovatel'skiy institut vysokikh temperatur.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROK, G.S.

Calibrating pickups of a heat flow. Izm.tekh. no.11:21-23 N '63. (MIRA 16:12)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROK, G.S.

Designing check furnaces. Trudy inst.Kom.stand.mer i izm.prib. no.71:212-219 '63. (MIRA 17:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii im. D.I. Mendeleyeva.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROK, G. S.; MENDELEYEV, D. I.

"Methods for measuring unsteady heat transfer by film-resistance thermometers."

report submitted for 2nd All-Union Conf on Heat & Mass Transfer, Minsk, 4-12 May 1964.

All-Union Sci Res Inst of Metrology.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROK, G.S.; VOYCHINSKAYA, I.V.

Study of film type resistance thermometers for measuring unsteady heat fluxes. Nov.nauch.-issl. rab. po metr. VNIIM no.3: 28 '64. (MIRA 18:2)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

L 62186-65 EPF(n)-2/EWG(c)/EWT(1) Pu-4

ACCESSION NR: AP5010471 UR/0294/65/003/002/0294/0299
536.53 :53.089.52

AUTHOR: Ambrok, G. S.

TITLE: Determination of the time lag of protective coatings of film resistance thermometers

SOURCE: Teplofizika vysokikh temperatur, v. 3, no. 2, 1965, 294-299

TOPIC TAGS: resistance thermometer, film thermometer, protective coating, time lag, shock wave, temperature measurement

ABSTRACT: The paper deals with a procedure for determining the time lag of the readings of a film-type resistance thermometer when covered by an insulating coating. The coating used in the investigation was of glass, developed at the ceramic department of the Leningrad Technological Institute, and the technology of coating was described by V. V. Slutskaya (Tonkiye plenki v tekhnike sverkhvysokikh chastot [Thin Films in Microwave Techniques], Gosenergoizdat, 1952).

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

L 62186-65

ACCESSION NR: AP5010471

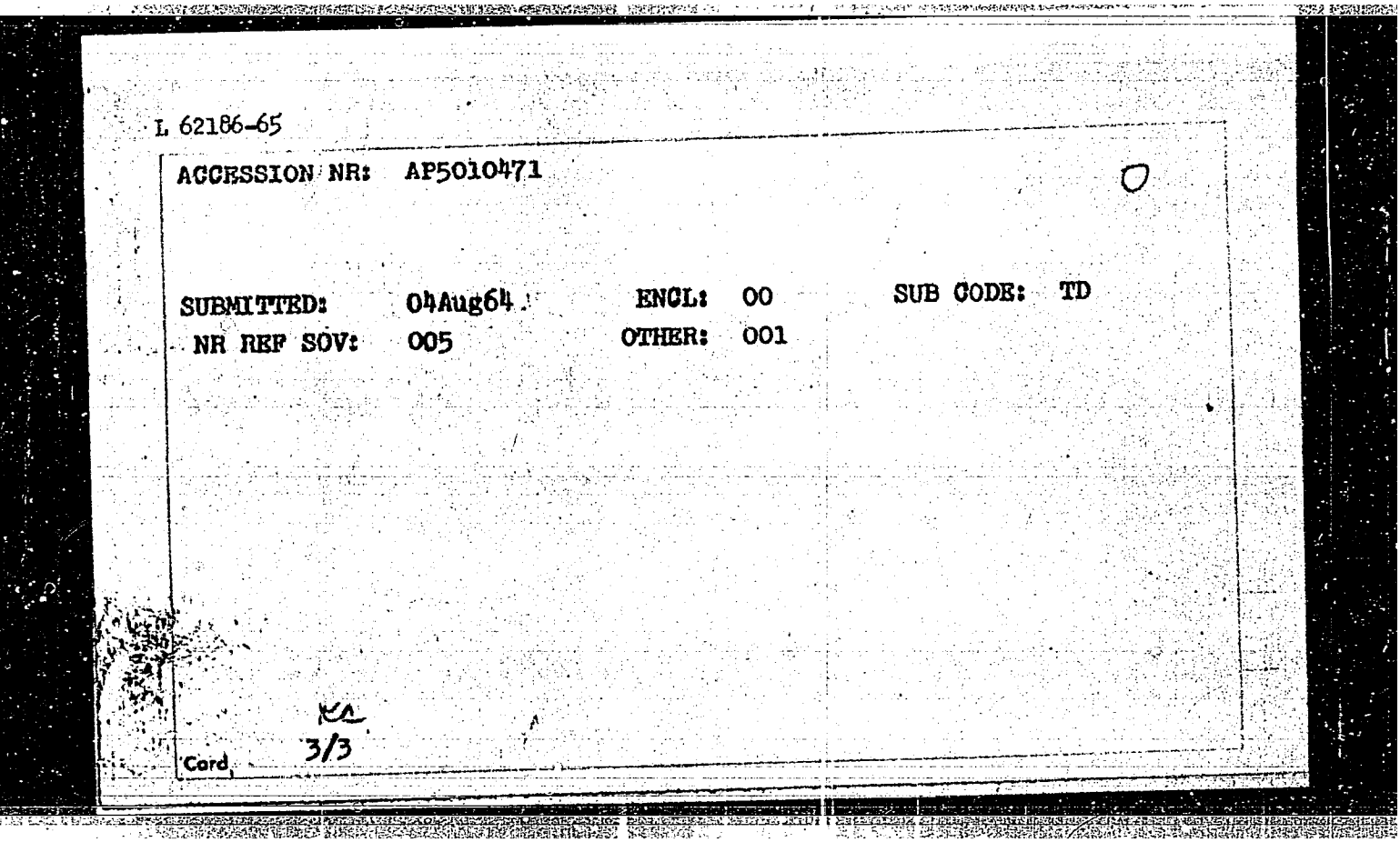
Such films are used frequently for temperature measurement in shock waves, where the time lag is an important factor. In this method the time lag is determined experimentally by exposing the film to a constant heat flux and recording the variation of the film thermometer with time. The experimental points are then plotted as a function of the square root of the time, and the linear section of the curve drawn through the experimental points is continued until it crosses the abscissa axis. The intercept of this continuation makes it possible to determine the time lag of the protective coating. The author derives also a relation which makes it possible to estimate whether such a thermometer with protective coating is suitable for the measurement of a particular short-duration heat flux. Original article has: 4 figures and 15 formulas

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii im. D. I. Mendeleyeva (All-Union Scientific Research Institute of Metrology)

Card 2/3

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4



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ACCESSION NR: AP5010471

SUBMITTED: 04Aug64 ENCL: 00 SUB CODE: TD

NR REF SOV: 005 OTHER: 001

Card 3/3

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROK, S.A., kand.sel'skokhozyaystvennykh nauk; NAZAROV, M.F.

Make better use of land in Orenburg Province. Zemledelie 24 no.3:30-34 Mr '62. (MIRA 15:3)

1. Orenburgskiy sel'skokhozyaystvennyy institut (for Nazarov).
(Orenburg Province--Agriculture)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROLADZE, T.A.

Experimental studies of some principles of current motion in curves and of a velocity rate nonerosive for loose soils. Soob. AN Gruz. SSR 39 no.3:655-659 S '65. (MIRA 18:10)

1. Gruzinskiy politekhnicheskiy institut imeni Lenina. Submitted February 19, 1965.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROS, Danuta

REICHER, Eleonor, Prof. dr; AMBROS, Danuta, dr med.

Case of Looser-Milkman syndrome. Postepy reumat. no.1:246-249 1954.

1. Z Panstwowego Instytutu Reumatologicznego Dyrektor: prof. dr. E. Reicher.
(BONES, diseases,
Milkman synd.)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROS, D.

New machine for breaking ice. Avt.dor. 22 no.1:10 Ja '59.
(MIRA 12:2)

(Tallinn--Snow removal)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Applications. Industrial Organic Synthesis. H-15

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 9203.

Author : Ambros, P.
Inst : Not given.
Title : Production of Methacrylamide from Acetocyanhydrine.

Orig Pub: Chem. prumysl., 1956, 6, No 5, 204-207.

Abstract: The amidation of acetocyanhydrine (I) was investigated in order to determine the optimum conditions of the reaction. Curvilinear relationships were found of effects of H_2SO_4 concentration, reaction temperature, and other factors on the yield of methacrylamide (II). The optimum gram-molecular ratio of H_2SO_4: I = 1.70: 1, while the con-

Card 1/2

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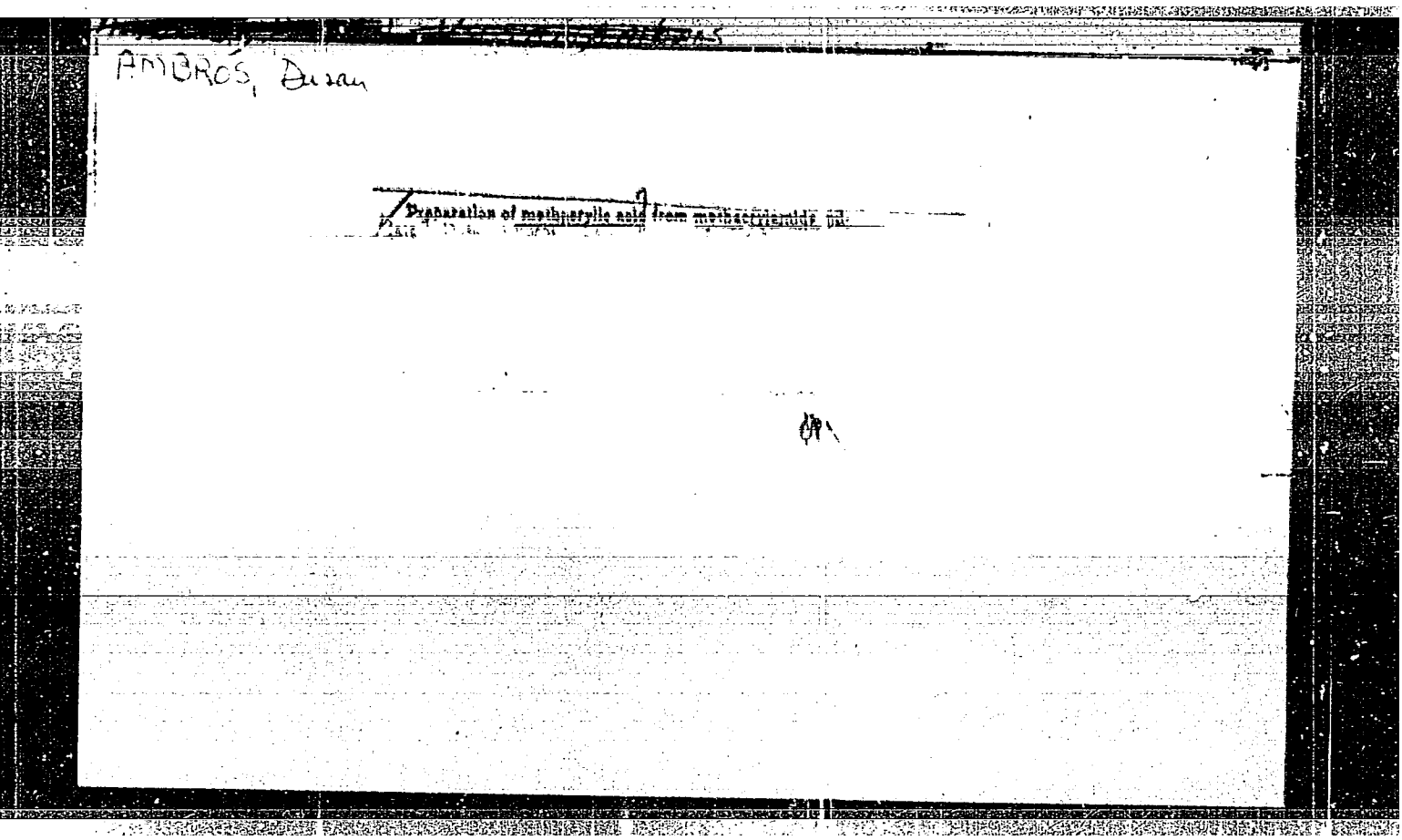


APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROS, Dusan

Preparation of methyl methacrylate. Dušan Ambros. Chem. [illegible]

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROS, DUSAN.

15

Desulfuration of Thiokol DA. František Zemanek and Dušan Ambros. *Chem. průmysl* 7, [illegible] (1957). By [illegible] treatment from polytetrasulfide rubbers, their [illegible]

an equimolar amount [illegible] atoms from the chain [illegible] stantially less [illegible]

2 May 4E2c

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

15.8115

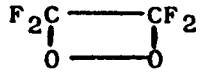
Z/009/61/000/002/001/008
E112/E453

AUTHOR: Ambros, Dušan

TITLE: The Auto-Oxidation of Chlorotrifluoroethylene

PERIODICAL: Chemický průmysl, 1961, No.2, pp.60-65

TEXT: The suspension polymerization of CTFE is adversely affected by the presence of aerial oxygen, retarding in even small quantities the polymerization and producing acidity of the reaction system. Oxygen is also the cause of a considerable inhibition period in block or suspension polymerizations of CTFE. The present paper is a study of the reaction products between oxygen and CTFE and an attempt to formulate the reaction mechanism. The problem was previously studied by Myers (Ind. Eng. Chem. 45, 1738, 1953, Ref.9) who postulated the formation of a cyclic peroxide



from the interaction of oxygen and CTFE. This theory is now dismissed by the author as untenable. He has subjected to

Card 1/5

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

The Auto-Oxidation of ...

chromatographic analysis (permutite column, sulphone as stationary phase, H_2 as carrier gas, t = 30°C) the reaction products of CTFE and O_2, and has identified, by comparison with standard specimens, at least four components in the reaction mixture: 1. A liquid polymeric peroxide, to which formula $(C_2F_3ClO_2)_n$ is given; 2. Chlorodifluoro-acetylfluoride ($ClF_2C.COF$); 3. Carbonyl fluoride (COF_2) and 4. Carbonylchlorofluoride (COClF). Only in the case of chlorodifluoro-acetylfluoride was the comparison with a standard specimen impossible, because the author was unable to prepare the compound in the laboratory. Its presence in the reaction mixture was adduced from available literature. The author assigns formula $(C_2ClF_3O_2)_n$ to the polymeric peroxide, in preference to structure $(C_2ClF_3O)_n$ given to it by Haszeldine and Nyman (J.Chem. Soc. 1959, 1084, Ref.11) and presents the following reaction mechanism: the principal reaction during the auto-oxidation of CTFE in presence of sufficient quantities of O_2 consists of an alternating copolymerization of monomer units and oxygen by a chain mechanism in two steps:

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

The Auto-Oxidation of ...

$$\sim CF_2 . CFCl . + O_2 \longrightarrow \sim CF_2 . CFCl . OO. \quad (1)$$

$$\sim CF_2 . CFCl . OO. + CF_2 = CFCl \longrightarrow$$
$$\longrightarrow \sim CF_2 . CFCl . OO . CF_2 . CFCl \quad (2)$$

The produced polymeric peroxide forms part of the end product of the reaction. It may, however, undergo a secondary decomposition, giving rise to a variety of compounds. An important secondary reaction, proceeding by a chain mechanism, is the fission of the peroxide link and splitting off molecules of carbonyl fluoride and carbonyl chlorofluoride. The formation of chlorodifluoro-acetyl fluoride is explained by the epoxidic fission of the growing racicals and by a rearrangement of the unstable epoxide:

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

The Auto-Oxidation of ...

$$\sim CF_2.CFCl.OO.CF_2.CFCl. \longrightarrow$$
$$\longrightarrow \sim CF_2.CFClO. + F_2C\!-\!CFCl \longrightarrow$$
$$\longrightarrow F_2ClC.C(=O)F \qquad (8)$$

A study of the reaction kinetics is submitted. It is shown that the rate of reaction between O_2 and liquid CTFE at 30°C is considerably higher than the oxidation of other monomers. The reaction shows, on the other hand, a comparatively long period of inhibition, indirectly proportional to the factor of initial concentrations of both O_2 and monomer in the total volume of the reaction vessel. The auto-oxidation is catalysed by the polymeric peroxide $(C_2ClF_3O_2)_n$. The rate of oxidation of CTFE was found to be directly proportional to the square root of its concentration. It is, therefore, considered a monomolecular reaction. There are 6 figures and 15 references: 1 Czech, 1 Soviet and 13 non-Soviet.

Card 4/5

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

Z/009/61/000/002/001/008
E112/E453

The Auto-Oxidation of ...

ASSOCIATION: Výzkumný ústav makromolekulární chemie, Brno
(Research Institute for Macromolecular Chemistry, Brno)

SUBMITTED: February 18, 1960

Chromatogram of reaction between oxygen and CTFE.
Column 770 mm/5.5 mm, t = 30°C,
packing: Decalso + sulphone 1,
carrier gas H_2, 95 ml/min.
1 - air,
2 - COF_2,
3 - $COFCl$,
4 - $CF_2 = CFCl$,
5 - $CF_2Cl.COF$(?),
6 - $(C_2ClF_3O_2)_n$.

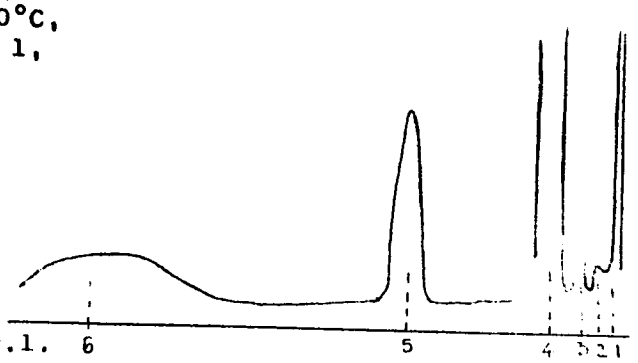

Fig.1.

Card 5/5

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

KOPECNY, Josef; AMBROS, Dusan

Toxicity of trifluorochloroethylene. Prac. lek. 13 no.8/9:463-466 N '61.

1. Klinika chorob z povolani v Brne, prednosta doc. dr. K. Kadlec Vyzkumny ustav makromolekularni chemie v Brne.

(POLYETHYLENES toxicol) (OCCUPATIONAL DISEASES)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROS, Dusan

Effect of the oxygen on bulk polymerization of the chlorotrifluoro ethylene. Chem prum 12 no.7:377-381 Jl '62.

1. Vyzkumny ustav makromolekularni chemie, Brno.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

KOPECNY, Josef; AMBROS, Dusan

Toxicity of vinyl fluoride. Chem prum 14 no.8:442-443 Ag '64.

1. Clinic of Occupational Diseases in Brno (for Kopecny). 2. Research Institute of Macromolecular Chemistry, Brno (for Ambros).

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

KOPECNY, Josef; LUCANSKA, Nadezda; SIPKA, Frantisek; CERNY, Emil; AMBROS, Dusan

Vinylfluoride toxicity. Prac. lek.16 no.7:310-311 S '64.

1. Klinika nemoci z povolani (prednosta doc. dr. J. Vyskocil), I patologickoanatomicky ustav (prednosta prof. dr. J. Svejda) lekarske fakulty University J.E. Purkyne v Brne, Vyzkumny ustav makromolekularni chemie v Brne, reditel dr. K. Vesely.

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROS, Dusan

Mercury and chlorine determination in catalysts for vinyl chloride production. Chem prum 14 no.12:658-659 D '64

1. Research Institute of Macromolecular Chemistry, Brno.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROS, J.

Requirements of consumers of raw lumber concerning specified deliveries. p. 238. (SBORNIK RADA LESNICTVI. Praha) (Vol. 30, no. 3, Mar. 1957)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, No. 7, July 1957. Uncl.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROS, Josef, inz.

Making splits from waste-wood for cellulose production in the United States and Canada. Drevo 18 no.1:31-32 Ja '63.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROS, Josef, inz.

Estimate of world consumption of wood and wood products in 1970. Drevo 18 no.5:194-196 My '63.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROS, Josef, inz.

Estimate of the European wood consumption around the year 1975.
Drevo 19 no.6:229-231 Je '64.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROS, Maria; OLLISAAR, M., red.; TÕNISSON, A., tekhn. red.

[Education of children through the eyes of a physician] Lastekasvatusest arsti pilguga. Tallinn, Eesti Riiklik Kirjastus, 1963. 191 p. (MIRA 16:12)
(CHILDREN--CARE AND HYGIENE)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROS, Milos, V.; PETRAK, Jiri, inz.

Is the Proctor test of soil compaction really a standard test?
Inz stavby 12 no.10:432-439 O '64.

1. Vodni stavby National Enterprise, Prague (for Ambros).
2. Stavby silnic a zeleznic National Enterprise, Prague (for Petrak).

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROS, M.V.

Construction of an earth dam on the Mze River near Hracholusky.
Inz stavby 12 no. 3 92-100 Mr '64.

1. Vodni stavby National Enterprise, Prague.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROS, M. W.

"Chemical soil stabilization and soil aggregate stabilization."
Inz stavby 12 no.5:231-232 My '64.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROS, R.; PRIKK, A.; MAGI, H., otv. red.

[Road pavements in the Estonian S.S.R.] Eesti NSV maanteede katteid. Tallinn, Tallinna Polutehniline instituut, 1962. 81 p. (MIRA 16:6)

(Estonia--Pavements)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

BYALOBZHESKIY, Grigoriy Valerianovich; AMBROS, Rikhard Andreyevich; USPENSKIY, B.V., redaktor; MAL'KOVA, N.V., tekhnicheskiy redaktor

[Increasing the efficiency and economy of snow retaining structures] Povyshenie effektivnosti i ekonomichnosti snegozaderzhivaiushchikh ustroistv. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1956. 102 p. (MLRA 9:10)
(Snow)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMEROS, R.A., kand.tekhn.nauk.

Effect of chemical additives on the adhesion of asphalt to stone aggregates. Avt.dor. 19 no.12:7-9 D '56. (MIRA 10:10)
(Asphalt concrete)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

KASK, K.A., dotsent, kand.tekhn.nauk; AMBROS, R.A., dotsent, kand. tekhn.nauk

Using shale oil in road construction in the Baltic States. Avt. dor. 25 no.2:12-13 F '62. (MIRA 15:2)
(Baltic States—Road materials)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

CZECHOSLOVAKIA

AMBROS, Zdenek, and VAZUR, Milan, Institute for Economic Administration of the Forests (Ustav pre hospodarsku upravu lesov,) Zvolen.

"Differentiating the Oak and Beech Zones in the Area of the Forestry Institute Topolcianky."

Bratislava, Biologia, Vol 18, No 9, 1963; pp 701-703.

Abstract [German summary modified]: Ten flowering plants were found in the beech zone and 30 in the oak zone; the species are listed. Map, 2 tables, 2 German-language and 3 Czech (including 2 unpublished) references.

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AMBROS, ZYGMUNT

Orthopedic Surgery

DECEASED

1963

1964

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROSIC, F.

Contribution to enterobiasis of the appendix. Allergic parasitic appendicitis. Acta chir.iugosl. 7(8) no.2:127-132 '60.

1. Hirursko odeljenje Narodne bolnice "Danilo I" u Cetinju (Sef dr Franjo Ambrosic)
(ENTEROBIUS infect)
(APPENDICITIS etiol)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROSIC, Franjo, dr.

Echinococcosis of the choledochus. Srpski arh. celok. lek. 88 no.9: 923-927 S '60.

1. Hirurske odeljenje Narodne bolnice "Danilo I" u Cetinju. Sef: dr Franjo Ambrosic.

(ECHINOCOCCOSIS case reports) (BILE DUCTS dis)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROSIC, Franjo, dr med. habil.

Geriatric problems in Montenegro. Med. glasn. 15 no.5:211-215 My '61.

1. Hirursko odeljenje Narodne bolnice na Cetinju (Sef: dr. F. Ambrosic).

(GERIATRICS)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROSIC, F.

Primary multiple echinococcosis. Acta chir. Iugosl. 9 no.2:123-131 '62.

1. Hirursko odeljenje Narodne bolnice "Danilo I" u Cetinju (Sef dr med. habil. F. Ambrosic).
(ECHINOCOCCOSIS)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROSIC, Franjo

A case of pleural echinococcal cyst with Pancoast-Tobias syndrome. Srpski arh. celok. lek. 90 no.7/8:753-757 Jl-Ag '62.

1. Hirursko odeljenje Narodne bolnice "Danilo I" na Cetinju Sef: dr. Franjo Ambrosic.
(PANCOAST'S SYNDROME) (ECHINOCOCCOSIS)
(MEDIASTINUM)

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"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

HOLZSCHUH, Jelena; PETER, Janos; AMBROSIC, Franjo

A case of congenital esophageal atresia. Med. pregl. 17 no.7: 383-385 '64

1. Akuse-sko, djecje i hirursko odjeljenje Opste bolnice, Sombor (Upravnik bolnice: Dr.Dorde Lasic).

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROSIC, Franjo; TUCAKOV, Mirko; ERHARTIC, Vladimir

Spontaneous hydatid pneumothorax with rupture of echinococcal cyst into the pleural cavity. Med. pregl. 17 no.8:459-461 '64

1. Djecje i hirursko odjeljenje Opste bolnice, Sombor (Upravnik bolnice: Dr. Djordje Lazic).

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROSIYEV, A P

USSR/Human and Animal Morphology. Nervous System. Peripheral Nervous System S-3

Abs Jour: Ref Zhur - Biol., No 19, 1958, 88405

Author : Ambrosiev, A. P.

Inst : AS Belorussian SSR

Title : On the Structure of the Visceral Branches of the Lumbar Segment of the Peripheral Sympathetic Trunk in Man.

Orig Pub: Vestsi AN BSSR. Ser. biyol. n., Inv. AN BSSR. Ser. biol. n., 1957, No. 2, 131-136

Abstract: No Abstract

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APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROSOV, A.L.

OGNEV, Ivan Maksimovich; AMBROSOV, A.L., kand.sel'skokhozyaystvennykh nauk, red.; BUTYLIN, G., red.; STEPANOVA, N., tekhn.red.

[Forage plants of White Russia; a handbook] Kormovye kul'tury v BSSR; spravochnoe posobie. Minsk, Gos. izd-vo BSSR, 1957. 250 p.
(White Russia--Forage plants) (MIRA 11:4)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROSOV, A. L. 142

White Russian SSR

Studies of parasites on potatoe plants.

SO: GOLIKOV, A. F., LITVINENKO, A. V., Scientific Research Work in Agricultural Institutes of Higher Teaming. Moscow, 1957, Unclassified.

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROSOV, Anton Lavrent'yevich; DOROZHKIN, N.A., akademik, red.; VORONETSKAYA, L.S., red.

[Virus diseases of potatoes and methods for growing healthy tubers] Virusnye bolezni kartofelia i metody vyrashchivaniia zdorovykh klubnei. Minsk, Urozhai, 1964. 198 p. (MIRA 18:5)
1. Akademiya nauk Belorusskoy SSR (for Dorozhkin).

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

PUSHKAVEV, I.I., prof., doktor sel'skokhozyaystvennykh nauk, red.; AMBROSOV, A.L.; STEPANISHIN, S.Ye.; ROVDO, A.I.; ALEKSEYCHIK, N.A.; AL'SMIK, P.I.; OGNEV, I.M.; ADAMOV, I.I.; BUTYLIN, G., red.; LARIN, V., red.; STEPANOVA, N., tekhn. red.

[Potato growing in White Russia] Kul'tura kartofelia v Belorusskoi SSR. Pod red. I.I. Pushkareva. Izd.2., ispr. i dop. Minsk, Gos. izd-vo BSSR, 1958. 356 p. (MIRA 11:7)
(White Russia--Potatoes)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROSOVA, G.A. [Ambrosava, H.A.]

Effect of pollinizers on the properties of apple. Vestsi AN BSSR. Ser. biial. nav. no.4:63-72 '62. (MIRA 17:8)

APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4"

"APPROVED FOR RELEASE: 03/20/2001 CIA-RDP86-00513R000101220010-4

AMBROSOVA, A. Ye.

Clinical aspects of colienteritis in infants in the city of Irkutsk. Trudy Irk. NIIEM no. 7:319-329 '62

(MIRA 19:1)

1. Iz detskoy gorodskoy klinicheskoy bol'nitsy i kafedry detskikh bolezney Irkutskogo meditsinskogo instituta.

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ACC NR: AT6025376 SOURCE CODE: UR/0000/66/000/000/0095/0104

AUTHOR: Luk'yanova, L. D.; Ambrosova, S. M.

ORG: none

TITLE: Effect of vibration stimulus on brain oxidative metabolism in animals with partially excluded auditory and vestibular analyzers

SOURCE: AN SSSR. Institut biologicheskoy fiziki. Vliyaniye faktorov kosmicheskogo poleta na funktsii tsentral'noy nervnoy sistemy (Effect of space flight factors on functions of the central nervous system). Moscow, Izd-vo Nauka, 1966, 95-104

TOPIC TAGS: central nervous system, vestibular function, biologic vibration effect, rat, brain tissue, biologic metabolism, polarographic analysis, otolaryngology, brain, oxygen consumption, human sense

ABSTRACT:

As part of a continuing effort to clarify the complex relationships between analyzers, experiments were conducted to study the effect of vibration on central nervous system function with partial exclusion of the vestibular analyzer and various cortical analyzers. Male white rats (Wistar strain) weighing 200-250 g were used. Oxygen content in rat-brain tissue was determined polarographically, under normal conditions and during

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vibration. Exclusion of the external and middle auditory analyzer was accomplished by perforating the eardrums and removing the auditory ossicles. After oxidative metabolism was determined in the sensorimotor and auditory areas of the cortex, in the caudate nucleus, the reticular nucleus of the thalamus, and the cerebellar cortex, the otoliths of these animals were destroyed. All animals were subjected to 15 min of vibration, with a frequency of 70 cps and an amplitude of 0.4 mm.

Experimental results showed that partial exclusion of the auditory analyzer in rats decreases the stimulating effect of vibration in the auditory area of the cortex, in the caudate nucleus and the reticular nucleus of the thalamus, and increases the stimulating effect of vibration in the sensorimotor area of the cortex. The parallelism in effects on the auditory area of the cortex and on the caudate nucleus indicates the direct connections existing between these two areas.

Preliminary partial exclusion of the vestibular analyzer in rats exposed to vibration causes a decrease in oxygen consumption in the sensorimotor area of the cortex and in the caudate nucleus, as compared with intact animals. These results seem

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to indicate the close functional relationship between the vestibular analyzer and sensorimotor-cortical analyzers.

Vibration stimulus of intact animals in the second and third stages of ether or chloroform anesthesia has a "releasing" effect, restoring the oxygen consumption in brain tissue to the normal level in unanesthetized animals. However, vibration stimulus of anesthetized animals with partially excluded vestibular analyzers does not have a substantial releasing effect on brain oxidative metabolism.

It was found that exclusion of the vestibular analyzer seriously disrupts normal interaction between cortex and sub-cortex. The difference between brain oxygen comsumption on the first day of vibration and subsequently shows the existence of temporary compensation on the first days after destruction of the otoliths, an adaptation which is easily destroyed under the influence of vibration. On the whole, results of these experiments underscore the extraordinarily important role of the vestibular analyzer (otoliths) in the perception of vibration stimuli and in those processes developing in different parts of the central nervous system under the influence of vibration.

Orig. art. has: 8 figures. [W.A. No. 22; ATD Report 66-99]

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