MATOVA, Ye.Ye.; POSTNOV, Yu.V. (Moskva)

Endocardial fibroelastosis in adults. Arkh. pat. 27 no. 12: 68-72 '65. (MIRA 18:12)

1. Patologoanatomicheskoye otdeleniye (zav. - prof. A.M.Vikhert) Instituta terapii (dir. - deystvitel'nyy chlen AMN SSSR prof. A.L. Myasnikov [deceased]) AMN SSSR. Submitted Sept. 29, 1964.

ACC NR: AP6036758 SOURCE CODE: UR/0020/66/171/001/0081/0083

AUTHOR: Gneushev, V. N.; Lyashchenko, B. G.; Matovarov, V. A.; Novak, L. I.; Sarkisyan, V. V.

ORG: none

TITLE: Neutron diffraction investigation of radiation-induced ordering in Ni_3Mn and $Ni_3F_{1/2}Mn_{1/2}$ alloys

SOURCE: AN SSSR. Doklady, v. 171, no. 1, 1966, 81-83

TOPIC TAGS: neutron diffraction, neutron irradiation, fast neutron, ordered alloy, nickel alloy, manganese containing alloy

ABSTRACT: The tests were made on polycrystalline samples irradiated in a type SM reactor in an integral fast-neutron flux 3.5×10^{17} neut/cm^2 at a temperature 60 -- 70°. The neutron diffraction pictures were taken 56, 74, and 87 or more days following the irradiation. Both samples exhibited ordering action of the reactor irradiation, with (001) and (011) lines appearing for the nickel-iron-manganese compound, and also smeared (012) and (112) lines for the nickel-manganese alloy. The latter two lines indicate that long-range atomic order is also produced. The degrees of long-range order, determined from the ratios of the intensities of the superstructure lines (001) and (011) to the intensity of the main line (111), differed by almost a factor or two.

Card 1/2 UDC: 539.2.22

ACC NR: AP6036758

This difference is attributed to the anisotropy of the distribution of the radiation defects. It is concluded from the results that ordering of a previously disordered Ni_3Mn alloy is feasible, and that this phenomenon depends on the conditions under which the experiments were made. This explains also discrepancies and the results obtained by others. The authors thank V. I. Klimenkov for valuable advice. This report was presented by Academician G. V. Kurdyumov 28 January 1966. Orig. art. has: 1 figure and 1 table.

SUB CODE: 20/ SUBM DATE: 07Jun65/ ORIG REF: 002/ OTH REF: 005

Card 2/2

MATOVETSKAYA, G.S.

Republic Seminar of Physicians of Food Hygiene. Zdrav. Bel. 9 no.2:79 F'63. (MIRA 16:7)
(WHITE RUSSIA—FOOD ADULTERATION AND INSPECTION—CONGRESSES)

MATOVEPSKIY, I.

Activities of the inter-district psycho-neurological outpatient clinic. Zhur. nevr. i psikh. 54 no.6:603-606 Je '54. (MLRA 7:7)
(IVANOVO PROVINCE--PSYCHIATRY)
(PSYCHIATRY--IVANOVO PROVINCE)

MATOVIC, Anton, inz.

The wood industry and wood research in Finland. Drevo 19 no.11: 415-419 N '64.

1. Faculty of Forestry of the Higher School of Agriculture, Brno.

MATOVIC, M.

"Relationship between benefits and contributions in social security." p. 43. (Socijalna Politika, Vol. 3, no. 6, June 1953. Beograd.)

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954. Uncl.

MATOVIC, V.

"How to Improve our Modelmaking" p. 2
(AKRO SVET, Vol. 2, no. 7, Jan. 1952, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

MATOVIC, V.

"Aeronautics in 1952: How Far it is Possible to go with Complicated Construction and High Prices of Planes; Whether the Budgets of Various Countries can Bear the Burden of Armament in the Air" p. 1
(AERO SVET, Vol. 2, no. 22, Aug, 1952, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

MATOVIC, V.

"Road in the Universe" p. 5

"Fighting in the Fog" p. 6

"Hermetically Sealed Cabins of Modern Planes" p. 7

(AERO SVET, Vol. 2, no. 22, Aug. 1952, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

MATOVIC, V.

"Flight Through the Universe" p. 5

"Three Victories" p. 6

"Guided Rockets Fly 3,200 Kilometers an Hour" p. 7

"The Greatest Atomic Bomb Exploded to Date" p. 8

(AERO SVET, Vol. 2, no. 23, September 1952, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/ Incl.

MATOVIC, V.

"Planes or Robots; Current Use of Aviation" p. 1
(AERO SVET, Vol. 2, no. 14, September 1992, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Uncl.

MA[illegible]VIC, V.

"Small Military Jet Plane; the Possibility of Introducing Small Jet Planes as Armament is Under Consideration" p. 7
(AERO SVET, Vol. [illegible], no. 4[illegible], August, 1953, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1954/Incl.

MATOVIC, V.

"World's Fastest Bomber, the Boeing B-47 "Stratojet" p. 7

"A Reconnaissance and a Triumphal Return" p. 8

"Yugoslav Air Force Academies and Schools" p. 9

(AERO SVET, Vol. 3, no. 13, Dec. 1963, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, LC, Vol. 3, no. 5, May 1964/Uncl.

MATOVIC, V.

"Experiences in the First World Parachute Championship in Bled, 1951," Narodna Krila, Beograd, Vol 6, No 1, Jan./Feb 1953, p. 16.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

MATOVIC, V.

"Flying saucers; phenomena above us," Narodna Krila, Geograd, Vol 6, No 5, July/Aug. (i.e. Sept./Oct.) 1953, p. 33.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

BORISAVLJEVIC, Miodrag, student (Beograd, Filipa Klajica 28); MATOVIC, Vladimir, tehnicki saradnik; MARKOVIC, Radomir, tehnicki saradnik, geograf

Current problems in aviation. Tesla no.13/14:34-35 S-O '55.

MATOVIC, V.

Flight to the moon. p. 24.

TESLA. (Jugoslovensko drustvo "Nikola Tesla" za unapredenje nauke i tehnike) Beograd, Yugoslavia. Vol. 6, no. 3, May/June 1959.

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

Uncl.

DYUKER, Al'ber, prof.astronomii; GETLEND, Kennet; KHAFEZ, Mustafa Mukhammed, doktor; KINDSEY, prof.; KHATANAKA, Takeo, astronom, prof.; ZENGER, Eugen, prof., spetsialist v oblasti raketnoy tekhniki (Federativnaya Respublika Germanii); LOVELL, B., prof.; NEVIN, T., prof. (Irlandiya); KHADZHIOLOV, A., akademik (Bolgariya); LUNTS, M., prof.; MATOVICH, V.; UEYL, L., doktor, spetsialist po kosmologii (SShA); VAYD'YA, V.M., doktor; CHEMBERLEN, D.; CHZHAO TSZYU-CHZHAN [Caho Chiu-chang]; NAGATA, I.

World scientists about the flight of A. Nikolaev and P. Popovich. Av.i kosm. 45 no.10:31-33 '62. (MIRA 15:10)

1. Direktor Frantsuzskogo obshchestva kibernetiki (for Dyuker). 2. Vitse-prezident Obshchestva mezhplanetnykh soobshcheniy, Angliya (for Geltend). 3. General'nyy sekretar' nauchno-issledovatel'skogo tsentra Ob"yedinennoy Arabskoy Respubliki (for Khafez). 4. Chlen gosudarstvennogo komiteta po atomnoy energii, Gana (for Lindsey). 5. Tokiyskiy universitet (for Khatanaka). 6. Direktor radioastronomicheskoy observatorii Dzhodrell-bенk, Velikobritaniya (for Lovell).

(Continued on next card)

DYUKER, Al'ber, prof.astronomii——(continued) Card 2.

7. Predsedatel' astronavticheskogo obshchestva, Pol'sha (for Lunts). 8. Sekretar' yugoslavskogo astronomicheskogo i raketnogo obshchestva (for Matovich). 9. Zamestitel' direktora Natsional'noy fizicheskoy laboratorii, Indiya (for Vavd'ya). 10. Predstavitel' Kh'yustonskogo tsenta po sozdaniyu kosmicheskogo korablya s ekipazhem, SShA (for Chemberlen). 11. Direktor Instituta geofiziki Kitayskaya Narodnaya Respublika (for CHZHAO TSZYU-CHZHAN). 12. Direktor Instituta radiovoln, Yaponiya (for Nagata).
(Space flight)

MATOVILIN, Ye.G. (Riga)

Case of establishing the shape of a knife blade from that of the wound channel. Sud.-med. ekspert. 5 no.1:56-57 Ja-Mr '62.
(MIRA 15:4)

(TONGUE--WOUNDS AND INJURIES)

MATOVINOVIC, J.; JOVALEKIC, M.; KOVACIC, M.

Tetany. Neuropsihijatrija 2 no.3:121-132 1954.

1. Is Interne klinike Medicinskog fakulteta, Zagreb.
(TETANY)

MATOVINOVIC, J., KOVACIC, N.

Endocrine bone diseases. Acta chir.iugosl.2 no.1:13-28 1955.

1. Interna klinika Medicinskog fakulteta u Zagrebu.
(BONES, dis.
caused by endocrine gland disord.,diag. & ther.(Ser))
(ENDOCRINE DISEASES, compl.
bone dis.,diag. & ther.(Ser))

MATOVINOVIC, J.; KOVACIC, N.; NOVAK, Z.

Pathophysiological and clinical syndrome of hypoglycemia. Neuropsihiatrija 3 no.1:38-51 1955.

1. Is Interna i Neuroloako-psihijatrijske klinike Medicinskog fakulteta u Zagrebu.
(HYPOGLYCEMIA,
review (Ser))

MATOVINOVIC, J.

FERBER, E., Dr.; MATOVINOVIC, J., doc., dr.; KOVACIC, N., dr.; BUZINA, R., dr.

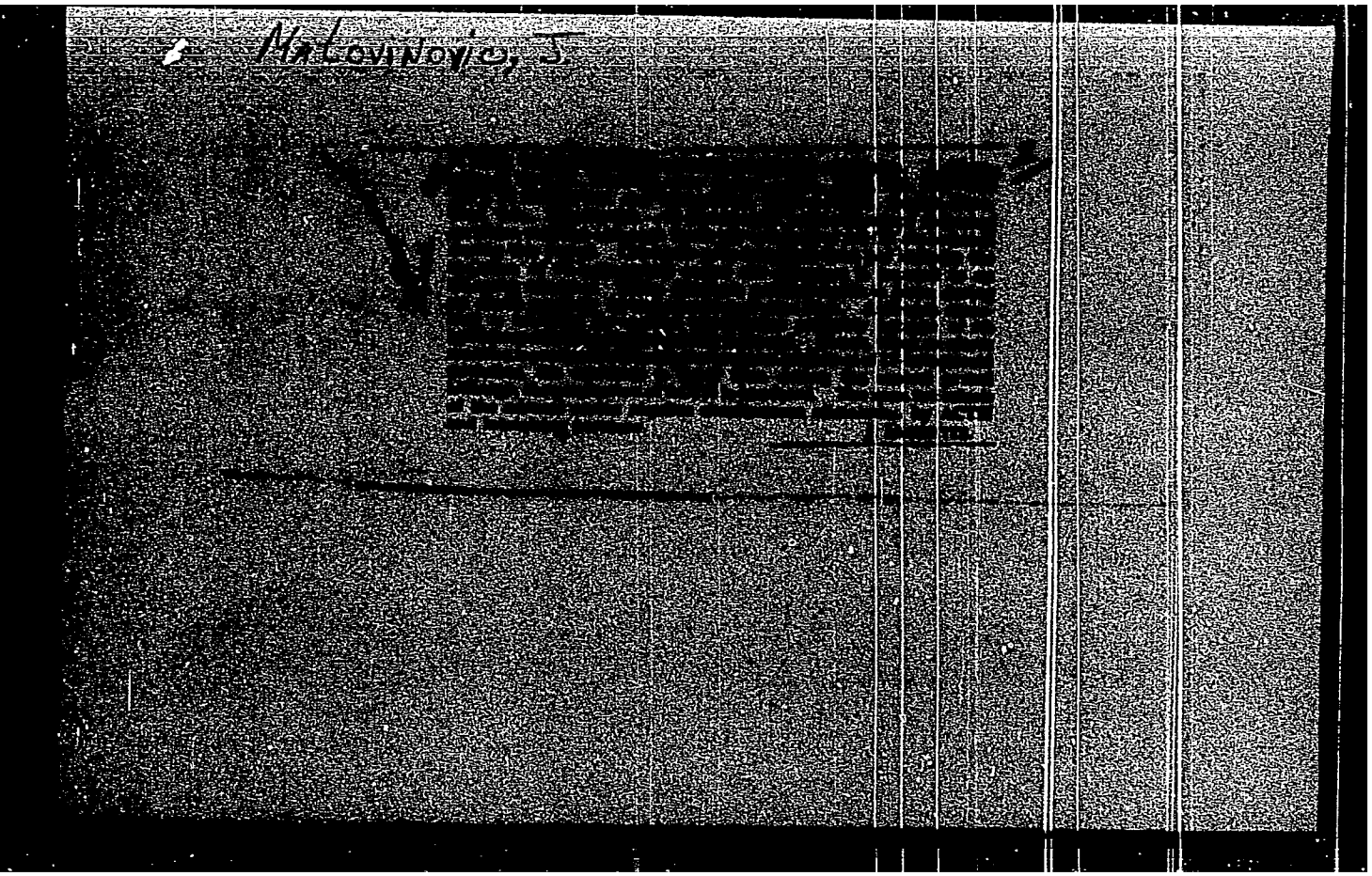
Hyperthyroidism in the village Rude near [illegible]. Higijena, Beogr. 7 no.1-4:295-306 1955.

1. Centralni higijenski savod, Zagreb: Interna klinika Medicinskog fakulteta, Zagreb.
(GOITER, epidemiol.
endemic in Yugosl., statist. (Ser))

PREBEG, Z., Dr.; BAJZER, M., dr.; MATOVINOVIC, J., Doc., dr.; KOVACIC, N., dr.

Incidence of goiter among schoolchildren in Zagreb. Higijena, Beogr. 7 no.1-4:307-321 1955.

1. Centralni higijenski savoe, Zagreb (for Prebeg and Bajser)
2. Klinika za interne bolesti Medicinskog fakulteta, Zagreb (for Matovinovic and Kovacic).
(GOITER, epidemiol.
endemic in Yugosl. in school child., statist. (Ser))



MATOVINOVIC, J.dr; KOVZCIC, M., dr; OBERHOFER, B. dr;

Pathophysiology and symptomatology of Cushing's syndrome. Lijec. vjes. 77 no.1-2:1-13 Jan-Feb '55.

Iz Interne klinike Medicinskog fakulteta u Zagrebu.
(CUSHING SYNDROME,
sympt. & pathophysiol.(Ser))

KOVACIC, M. Dr.; MATOVINOVIC, J. dr; PROSENJAK, M.

Metabolism of water in hyperthyroidism. Lijec.vjes. 77 no.3-4: 145-152 Mar-Apr '55.

1. Iz Interne klinike Medicinskog fakulteta u Zagrebu.
(HYPERTHYRODIDISM, metabolism in water, abnormal Robinson-Kepler-Power test, pathogen (Ser))
(WATER, Metab. in hyperthyroidism, abnormal Robinson-Kepler-Power test pathogen. (Ser))

MATOVINOVIC, J.; KOVACIE, N.; PROSENJAK, M.

Etiology, pathophysiology and treatment of hyperthyreosis.
Acta chir. iugosl. 3 no.2:105-126 1956.

1. Interna klinika Medicinskog fakulteta u Zagrebu.
(HYPERTHYROIDISM
(Ser))

MATOVSKIY, I.M.; BULOCHNIKOVA, V.V.

Medical care for adolescents in Chelyabinsk. Zdrav.Ros.Feder. 6 no.10:13-16 O '62. (MIRA 16:4)

1. Zamestitel' zaveduyushchego Chelyabinskim gorodskim otdelom zdravookhraneniya (for Matovskiy). 2. Zaveduyushchaya Chelyabinskim gorodskim podrostkovym kabinetom (for Bulochnikova).
(CHELYABINSK—CHILDREN—CARE AND HYGIENE)

MATOVSKIY, I.M.; EHERT, L.Ya.; BRISKER, A.D.

Second Scientific and Practical Conference on the study of the influenza epidemic in Chelyabinsk in 1962. Vop.virus. 7 no.6: 757-758 N-D '62. (MIRA 16:4)
(CHELYABINSK—INFLUENZA—CONGRESSES)

MATOVSKIY, I.M.

Organization of public inspections in the Chelyabinsk therapeutic institutions providing medical care for industrial workers.
Zdrav.Ros.Fed. 7 no.4:17-21 Ap '63. (MIRA 16:4)

1. Zamestitel' zaveduyushchego Chelyabinskim gorodskim otdelom zdravookhraneniya.
(CHELYABINSK--HOSPITALS--INSPECTION)

MATOVSKIY, I.M.; SEREDININA, L.D.; KORNYUSHKINA, O.G.

Influenza incidence among medical workers during the influenza epidemic in January 1962. Zdrav. Ros.Feder. 7 no.7: 15-17 Jl'63. (MIRA 16:9)

1. Zamestitel' zaveduyushchego Chelyabinskim gorodskim otdelom zdravookhraneniya (for Matovskiy). 2. Nachal'nik medike-sanitarnoy chasti Chelyabinskogo traktornogo zavoda (for Seredinina). 3. Zaveduyushchaya otdeleniyem meditsinskoy statistiki mediko-sanitarnoy chasti Chelyabinskogo zavoda (for Kornyushkina.)

(CHELYABINSK—INFLUENZA)
(MEDICAL PERSONNEL—DISEASES AND HYGIENE)

MATOVSKIY, I. M.; GRIGOR'YEVA, A. T.; YELETSKOVA, A. S.; ODINTSOVA, K.P. PATRINA, G. V. (Chelyabinsk).

Results of the organization of a center for occupational diseases in Chelyabinsk. Zdrav. Ros. Feder. 7 no. 8:26-27 Ag '63. (MIRA 16:10)
(CHELYABINSK--MEDICINE, INDUSTRIAL)

GEYNOVA, L.A.; MATOVSKIY, I.M.; ODINTSOVA, K.P.; SHAPIRO, A.Sh.
(Chelyabinsk)

Prophylaxis for angina incidence at industrial enterprises in Chelyabinsk. Zdrav. Ros. Feder. 7 no.8:30-32 Ag'63.
(MIRA 16:10)

(CHELYABINSK — TONSILS — DISEASES)
(CHELYABINSK — INDUSTRIAL HYGIENE)

MATOVSKIY, I.M.

First conference of the medical workers of Chelyabinsk, leaders of the movement for communist work. Zdrav. Ros. Feder. 7 no.9: 45-46 S '63. (MIRA 16:10)

MATOVSKIY, I.M.

Forms of publicity for advanced experience. Zdrav. Ros. Feder. 8 no.2:38-39 F'63 (MIRA 17:3)

1. Zamestitel' zaveduyushchego Chelyabinskim gorodskim otdelom zdravookhraneniya.

MATOVSKIY, I.M.; RABKINA, S.A.

Inspection of therapeutic prophylactic institutions in connection with their antiepidemic work. Zhur. mikrobiol., epid. i immun. 42 no.8:136-138 Ag '65. (MIRA 18:9)

1. Chelyabinskiy gorodskoy otdel zdravookhraneniya i Chelyabinskaya gorodskaya sanitarno-epidemiologicheskaya stantsiya.

SICHEVOY, A.P.; MATOVSKIY, S.M.; SAVINTSEV, R.I.; MIL'MAN, Ye.A.

Transverse helical rolling and the application of round periodic sections. Kuz.-shtam.proizv. 7 no.2:11 F '65.

(MIRA 18:4)

MATOV, Konstanty (Matoff)

Is infection with trichinellosis by peroral introduction of intestinal Trichinella possible? Wiadomości parazyt., Warsz. 3 no.2-3:209-230 1957.

1. Z Katedry Parazytologii im. Skrjabina Wydz. Wet i Centr. Zakładu Helmintologii Bułgarskiej Akademii Nauk W Sofii.

(TRICHINOSIS, exper.
infect. by peroral introduction of intestinal Trichinella in animals (Pol))

MATOW, Konstanty

Problems concerning [illegible]ichinellosis & echinococcosis. I. Trichinella spiralis and trichir[illegible]osis. Wiadomości parazyt., Wars. 3 no.4:397-410 1957.

1. K. Matow: Sofia, Bulgaria.
(TRICHINOSIS (Pol))

MATOW, K.

Achievements and further development of veterinary parasitology in Bulgaria. Wiad. parazyt. 8 no.5:565-572 '62.
(PARASITIC DISEASES) (VETERINARY MEDICINE)

ABAGYAN, G.V.; BAYATYAN, G.L.; MATOYAN, D.S.; MELIKYAN, E.G.

Semiautomatic computor of second differences. Prib.i tekh.eksp. no.4:131-132 Jl-Ag '60. (MIRA 13:9)

1. Yerevanskiy gosudarstvennyy universitet.
(Calculating machines)

MAKAROV, P.O.; MATOYAN, D.S.

Adequatometry and discretometry of a winking reflex. Biofizika 10 no.2: 297-303 '65. (MIRA 18:7)

1. Fiziologicheskiy institut imeni Ukhtomskogo Leningradskogo gosudarstvennogo universiteta imeni Zhdanova.

86758

S/120/60/000/006/034/045
E032/E314

21.5200 (1033, 1191, 1349)

AUTHORS: Gasparyan, L.G., Matoyan, D.S. and Melikyan, E.G.

TITLE: A Reflected-light Illuminator for Use in Scanning Thick Photographic Emulsions

PERIODICAL: Pribory i tekhnika eksperimenta, 1960, No. 6, p. 121

TEXT: In following long tracks of relativistic particles in thick photographic emulsions, considerable eye strain is involved on account of the apparent low contrast of the image. In order to increase this contrast, the present authors have used a reflected-light illuminator (type OM-21 (OI-21)). This illuminator is shown in Fig. 1. The latter has the disadvantage that light reflected from various parts of it, as well as the light coming from the object, enters the eyepiece. The light is largely reflected from the end of the drive 1 and the lenses of the objective 2 (Fig. 1). These disadvantages were removed by the following modifications. The drive 3 is replaced by the hollow tube 4 whose inner surface is coated with a black matt paint (Fig. 2). The light

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A Reflected-light Illuminator for Use in Scanning Thick Photographic Emulsions

reflected from the objective is reduced by using a ring-shaped aperture 5 in the light source. The external diameter of this ring is chosen so that its projection onto the objective is equal to the diameter of the top lens of the latter, while the inner diameter is chosen so as to obtain the maximum contrast. The distance between the illuminator and the microscope lies between 25 and 30 cm and the image of the track is then obtained in the form of bright points of light (silver grains) against a dark background. This method can also be used to study the surfaces of metals and biological specimens. Sometimes, it is convenient to make the inner disc 7 adjustable so that different effects of illumination can be obtained.

Card 2/4

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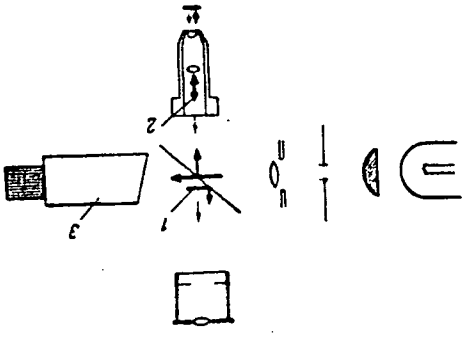
E032/E314

A Reflected-light Illuminator for Use in Scanning Thick Photographic Emulsions

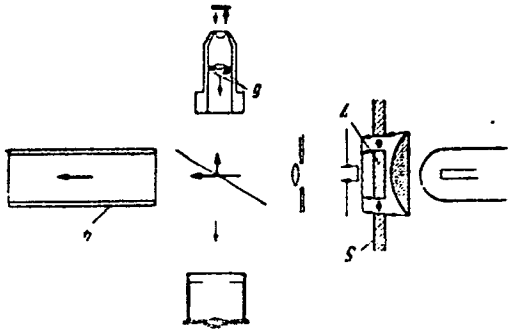


Card 3/4

86758

S/120/60/000/006/034/045
E032/E314

A Reflected-light Illuminator for Use in Scanning Thick Photographic Emulsions



There are 2 figures.

ASSOCIATION: Yerevanskiy gosudarstvennyy universitet
(Yerevan State University)

Card 4/4

SUBMITTED: October 6, 1959

MATOYAN, E.S.

Measuring the reactivity of human cutaneous analysers to adequate stimuli. Nerv. sist. no.5:123-134 '64.

(MIRA 18:3)

1. Kafedra biofiziki Leningradskogo gosudarstvennogo universiteta.

L 29083-66

ACC NR: AP6017430 SOURCE CODE: UR/0217/65/010/002/0297/0303

AUTHOR: Makarov, P. O.; Matoyan, D. S.

ORG: Physiological Institute im. A. A. Ukhtomskiy, Leningrad State University im. A. A. Zhdanov (Fiziologicheskiy institut Leningradskogo gosudarstvennogo universiteta)

TITLE: Adequatometry and discretometry of the winking reflex

SOURCE: Motilika, v. 10, no. 2, 1965, 297-303

TOPIC TAGS: reflex activity, animal physiology

ABSTRACT: The characteristics of two reactions (speech and the winking reflex) on irritation of the cornea of the eye with an air stream were compared. The air pressure (P) - duration of the stimulus (t) curves plotted on the basis of the speech and winking reflexes were of a hyperbolic type and could be described by equations P = a/t + b, where b is the [illegible] and a is a constant. The threshold of the winking reflex was considerably higher than those of normation (as indicated by a speech response) at all values of t. The adequate energy of irritation for winking and formation indexing a speech response was 80-120 and 120-140 mcm, respectively. The adequate magnitude of irritation corresponding to an energy minimum preceding a response was 20-30 msec for winking and 100-140 msec for formation (speech response). The latent period for winking at threshold stimuli for this reflex was 200 msec, independent of the characteristics of the stimulus. The minimum critical interval of dis-

Card 1/2

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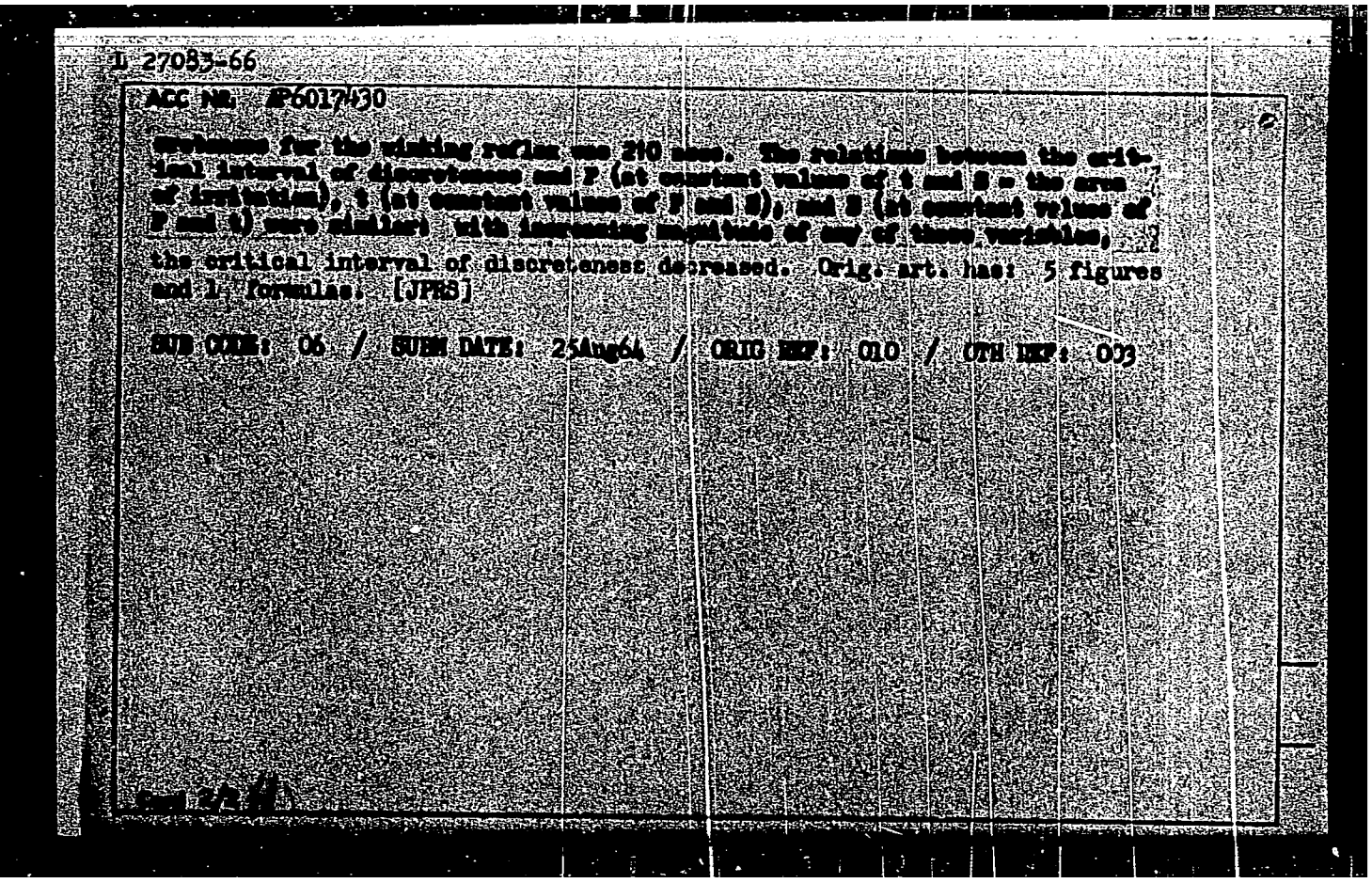

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ACC NR: AP6017430

[illegible] for the sinking reflex was 210 msec. The relations between the critical interval of discreteness and T (at constant values of I and S - the area of illumination), I (at constant values of T and S) were similar with increasing magnitude of any of these variables, the critical interval of discreteness decreased. Orig. art. has: 5 figures and 1 formulas. [JPRS]

SUB CODE: 06 / SUBM DATE: 25Aug64 / ORIG REF: 010 / OTH REF: 003

Card 2/2

KISS, Lajos, foeloado; MATR[illegible], Molnar, foeloado

Newer instructions for railroad parcel transport[illegible]
kozl 20 no.48:792-793 29 N '66.

1. Ministry of Transportation and Postal Affairs, Budapest.

METRIKARU, G. [Matracaru, G.]

Surgical treatment of cervical pregnancy with the aid of vaginal cervicotomy and hemostasis. Akush. i gin. 39 no.5: 129-131 S-O '63. (MIRA 17:8)

1. Iz 1-y Bukharestskoy akusherako-ginekologicheskoy kliniki (dir. - prof. Ye. Aburel)

39445
S/081/62/000/012/053/063
B158/B101

AUTHORS: Jedliński, Zbigniew, Kulkowa, Jadwiga, Matracka, Wanda

TITLE: Fire-proof paints

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 12, 1962, 604, abstract 12P214 (Tworzywa. Guma. Lakiery, v. 5, nos. 11-12, 1960, 352-354, 384)

TEXT: For the protection of a material against fire, a paint is applied which under the action of fire forms a fused vitreous layer or foamed microporous layer. Sb, Al and Bi oxides, and SbS are used as pigments as well as cheaper pigments and fillers: ZnO, TiO_2, $MgSiO_3$, $BaSO_4$, $Zn_3(BO_3)_2$ and $CaCO_3$. For foaming and swelling are added $(NH_4)_3PO_4$, casein, starch, urea, dicyandiamide, polyamide resin, carbonates, H_3PO_4, salicylic acid, glycerine, methylenedisalicylic acid, and benzenesulfohydrazide. Asbestos powder, graphite, mica, shale powder, Al minerals, $Al(OH)_3$, MgO, and also fatty hydroxyacids, treated with Cl_2 or H_3PO_4, glycine, boranes, H_3BO_3,

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S/081/62/000/012/0,3/063
B158/B101

Fire-proof paints

salicylic acid, triethylphosphate, chlorinated diphenyl, polysulfides, etc. are added to form a vitreous layer. Fire-proof additives are also introduced: chlorinated paraffins, tetra- and pentabromophenol, $(BrCH_2CH_2)_3PO_4$, and $(CH_2BrCH_2Br)_3PO_4$. Polyamide, aminoaldehyde and cumarone-indene resins, bitumens with Cl-containing additives, polychlorinated aliphatic hydrocarbons, fluoro-resins, polyesters obtained from fluorinated multibasic acids, and chlorophthalic acids are used as fireproof film-formers. The use of chlorinated rubber and polyvinylacetate is surveyed in detail. [Abstracter's note: Complete translation.]

Card 2/2

JELINSKI, Zbigniew, doc.,dr.,ins.; MATRACKA, Wanda, mgr.,ins.

Anticorrosive protection of aluminum alloys in shipbuilding.
Bud okretowe Warszawa 7 no.2:53-55 '62.

1. Politechnika Slaska

JEDLINSKI, Zbigniew; MATRACKA, Wanda; STANKOWSKI, Henryk

Studies on the physicochemical structure of organic coatings.
Ptl 1. Polimery tworz wielk 8 no.4:151-154 Ap '63.

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[redacted] Hoch. Wissenschaften, Budapest). Acta [redacted] Hung. 3, 95-108(1953)(in German).—Tables of wave nos. and assigned quantum nos. are presented for the rotational lines in the P, Q, and R branches of the (1,0), (1,6), and (2,6) bands in the blue system of SrO. The exptl. data were derived from work reported previously (*C.A.* 47, 2897*i*). An analysis of these data shows that the rotational consts. B can be calcd. from the formulas: $B_v' = 0.30377 - 0.00155(v' + 1/2)$ for the upper state, and $B_v'' = 0.33800 - 0.00218(v'' + 1/2)$ for the lower state. The wave nos. calcd. for the band origins and band heads are tabulated. The results of this analysis confirm the previous assumption that this band system is due to a ${}^1\Pi \rightarrow {}^1\Sigma$ transition.

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HUNGARY/Optics - Spectroscopy K-7

Abs Jour : Ref Zhur - Fizika, No 7, 1958, No 16690

Author : Keezsi Iren, Matrai Tibor
Inst : Not Given
Title : New Bands in the γ, ε, and β Systems of the Spectrum of NO Molecule.

Orig Pub : Magyar fiz. folyoirat,, 1957, 5, No 3, 201-205

Abstract : New bands of the spectrum of gaseous NO were observed in a dc Geissler discharge. These are (3.6), (017), (3.12), (2.11), (1.10), and (2.13) of the γ system; (2.9) and (2.8) of the ε system; and (5.4) and (2.11) of the β system.

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1. Chair of Nuclear Physics, Budapest Technical University (for M. Koczkas). 2. Chair of Physics, Eger College of Education, Eger (for Matrai).

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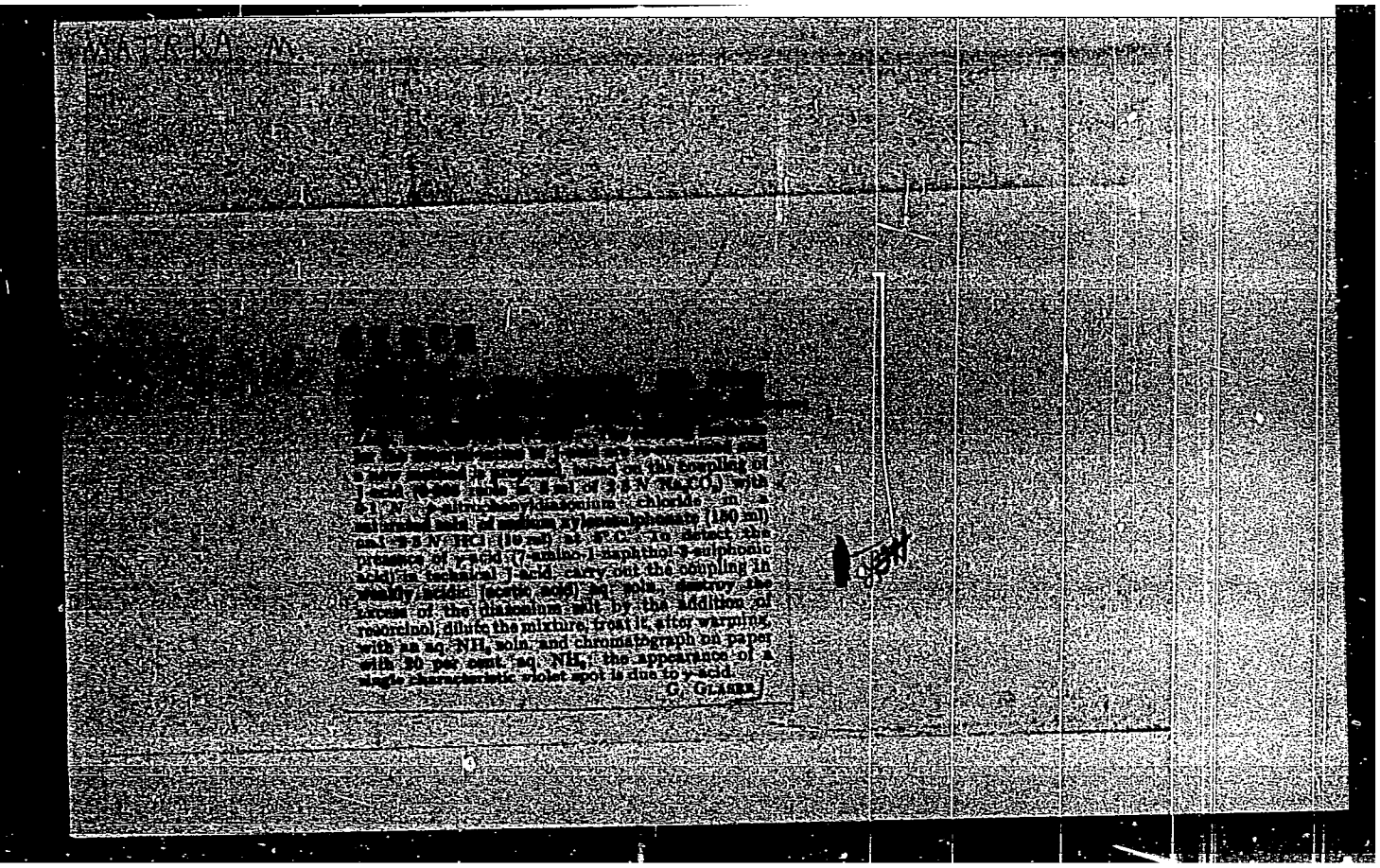

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