APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNSKI, Bogdan

A universal surgical wheel stretcher. Chir. narzad. ruchu ortop. Pol. 28 no.7:863-865 '63

1. Z I Oddzialu Urazowo-Ortopedycznego Miejskiego Szpitala Chirurgii Urazowej w Warszawie (Ordynator: dr. med. S. Jakubowski).

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

BAZYLCZUK, Lech; ODYNSKI, Bogdan

Amputation within the foot. Chir. narz. ruchu ortop. polska 26 no.6: 777-782 '61.

1. Z Kliniki Chirurgii Urazowej Stud. Doskonalenia Lekarzy AM w Warszawie Kierownik: doc. dr J. Szulc.
(AMPUTATION)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNSKIY, B. [Odynski, B.]

Universal surgical wheel-stretcher. Ortop., travm. i protez. 25 no.8:68-71 Ag '64. (MIRA 18:4)

1. Iz travmatologo-ortopedicheskogo otdeleniya (zav. - doktor meditsiny [Jakubowski, S.] Adres avtora: Varshava, ulitsa Ioteyki, d.9/11, Travmatologicheskaya bol'nitsa.

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ODYNSKIY, B. [Odynski, B.] (Varshava, Pol'sha, ul. Barska, d.16)

Modified traction in the treatment of fractures and dislocations of the talocrural joint. Ortop., travm. i protez. 25 no.5:43-44 My '64. (MIRA 18:4)

1. Iz travmatologo-ortopedicheskogo otdeleniya (zav. - doktor meditsiny S.Yakubovskiy [S.Jakubowski]) Gorodskoy travmatologicheskoy bol'nitsy v Varshave.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

TSESEVICH, V.P.; ODYNSKAYA, O.K.

BR Aquarii. Izv.Astron.obser. 2 no.2:93-97 '52. (MLRA 6:8)
(Stars, Variable)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

USTINOV, B.A.; ODYNSKAYA, O.K.

VY Serpentis. Izv.Astron.obser. 2 no.2:87-92 '52. (MLRA 6:8)
(Stars, Variable)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

USTINOV, B. A.; ODYNSKAYA, O. K.

Stars, Variable

RZ Draconis, Per. zvezdy 8, No. 5, 1951.

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

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNCHAYA, O. K.; USPINOV, B. A.

Stars, Variable

Variation in the period of the eclipsing variable XZ Andromedae. Per. zvezdy 8, No. 4, 1951.

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

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

USTINOV, B. A.; ODYNSKAYA, O. K.

Stars, Variable

KU Cygni. Per. zv zdy 8, No. 4, 1951.

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

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNSKAYA, O.

X Crateris. Izv.astron.obser. 1 no.2:68-69 '48. (MLRA 7:9)
(Stars, Variable)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNSKAYA, O.

RZ Canum Venaticorum. Izv.astron.obser. 1 no.2:64-67 '48.(MLRA 7:9)
(Stars, Variable)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNSKAYA, O.K.

V 417 Aquilae. Izv.Astron.obser. 1 no.1:37-38 '47. (MLRA 7:9)
(Stars, Variable)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

MUSZKA, Stefan; CZYNIK, Kazimierz

Evaluation of the resti potential of the trout ovum (Salmo iridens Gibb) in the process of insemination and fertilization. Ginek. Pol. 36 no.10:1083-1087 O '65.

1. Z I Kliniki Polownictwa i Chorob Kobiecych AM w Bialymstoku (Kierownik: prof. dr. med. S. Soszka).

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, T. YA.

Odynets, T. Ya.

"Microscopic investigation of the n ervos of certain lymphatic nodes with experimental morphological study of the sources of their innervation." Novosibirsk State Medical Inst. Novosibirsk, 1956. (Dissertation for the Degree of Candidate in Medical Science)

So: Knizhnaya letopis', No. 25, 1956

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R.N., prof., otv. red.

[Materials of the Conference of Young Biologists of Kirghizistan] Materialy konferentsii molodykh biologov Kirgizii. Frunze, Izd-vo AN Kirg.SSR. Vol.1. 1963. 128 p. (MIRA 17:6)

1. Konferentsiya molodykh biologov Kirgizii.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

VALUYSKIY, P.P.; ODYNETS, R.N.

Copper requirements of dry cows. Izv. AN Kir. SSR. Ser. biol. nauk 3 no.2:57-62 '61. (MIRA 14:12)
(COPPER METABOLISM) (COWS)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R.N.; MAMBETOV, M.U.; PANTALIS, I.A.

Molybdenum metabolism in cows and sheep. Izv. AN Kir. SSR. Ser. biol. nauk 3 no.2:51-56 '61. (MIRA 14:12)
(MOLYBDENUM IN THE BODY) (CATTLE--PHYSIOLOGY)
(SHEEP--PHYSIOLOGY)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R.N.; STESHENKO, V.M.; ILIBEZOVA, Ye.P.; VALYUSKIY, P.P.

Toxicity of copper to sheep. Izv. AN Kir. SSR. Ser. biol. nauk 3 no.2:43-49 '61. (MIRA 14:12)
(COPPER—TOXICOLOGY) (SHEEP—DISEASES AND PESTS)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, M.N.; STESHENKO, V.M.; ILIBEZOVA, Ye.P.; VALUYSKIY, P.P.

Strontium as a goitrogenic factor. Izv. AN Kir. SSR. Ser. biol. nauk 3 no.2:33-41 '61. (MIRA 14:12)
(STRONTIUM--PHYSIOLOGICAL EFFECT) (GOITER)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

MAMBETOV, M.U.; ODYNETS, R.N.

Copper metabolism in growing wethers receiving different amounts of it in their food ration. Izv. AN Kir. SSR Ser. biol. nauk 2 no.5:103-110 '60. (MIRA 14:6)
(RAMS) (COPPER METABOLISM)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R.N.; ILIBEZOVA, Ye.P.; STESHENKO, V.M.; VALYUSKIY, P.P.

Effect of chalk and sodium bicarbonate on strontium deposition in the organs and tissues of sheep. Izv. AN Kir. SSR Ser. biol. nauk 2 no.5 53-67 '60. (MIRA 14:6)

(SHEEP—PHYSIOLOGY) (STRONTIUM IN THE BODY)
(CALCIUM—PHYSIOLOGICAL EFFECT) (SODIUM—PHYSIOLOGICAL EFFECT)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R.N.; MAMBETOV, M.U.

Copper, cobalt, and nickel metabolism in sheep. Izv. AN Kir. SSR Ser. biol. nauk 2 no.5:47-52 '60. (MIRA 14:6)
(SHEEP—PHYSIOLOGY) (MINERAL METABOLISM)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R.N.; ILIBEZOVA, Ye.P.; PERELYGINA, V.S.

Nitrogen and carbon metabolism in sheep in case of a high strontium level in the food ration. Izv. AN Kir. SSR Ser. biol. nauk 2 no.5: 41-45 '60. (MIRA 14:6)

(SHEEP--PHYSIOLOGY) (STRONTIUM--PHYSIOLOGICAL EFFECT)
(THYROID GLAND)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ILIBEZOVA, Ye.P.; ODYNETS, R.N.

Effect of strontium on cobalt, copper, calcium, phosphorus, and chlorine metabolism in sheep. Izv. AN Kir. SSR Ser. biol. nauk 2 no.5:29-39 1960. (MIRA 14:6)

(SHEEP--PHYSIOLOGY) (MINERAL METABOLISM)
(STRONTIUM--PHYSIOLOGICAL EFFECT)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R.N., otv.red.; ANOKHINA, M.G., tekhn.red.

[Summaries of reports of the Second Conference of Physiologists, Biochemists, and Pharmacologists of Central Asia and Kazakhstan] Tezisy dokladov. Frunze, Izd-vo Akad.nauk Kirgizskoi SSR, 1960. 428 p. (MIRA 13:12)

1. Konferentsiya fiziologov, biokhimikov, farmakologov Sredney Azii i Kazakhstana. 2d. 2. Frunze. Institut zoologii i parazitologii AN Kirgizskoy SSR (for Odynets).
(BIOCHEMISTRY--CONGRESSES) (PHYSIOLOGY--CONGRESSES)
(PHARMACOLOGY--CONGRESSES)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R.N.

Cobalt, nickel, and copper content of feed. Trudy Inst.zool. i paraz.AN Kir.SSR no.7:311-313 '59. (MIRA 13:4)
(Forage plants--Analysis) (Trace elements)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R.N.; VALUYSKIY, P.P.; FANTALIS, I.A.

Food value of commercial fish from Lake Issyk-Kul'. Trudy Inst. zool.i paraz.AN Kir.SSR no.7:299-301 '59. (MIRA 13:4)
(Issyk-kul'--Fishes) (Fish as food)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

BOSIKOVA, N. Ya.; ODYNETS, R.N.

Effect of different degrees of milk feeding on the growth of 18-month-old Ala-Tau heifers. Trudy Inst.zool.i paraz. AN Kir.SSR no.7:15-32 '59. (MIRA 13:4)
(Dairy cattle--Feeding and feeds)
(Milk as feeding stuff)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R.N.; DOKUKIN, A.F.; FANTALIS, I.A.

Morphological and biochemical factors of the blood of Ala-Tau cows of varied productivity. Trudy Inst.zool.i paraz.AN Kir.SSR no.7:9-14 '59.

(MIRA 13:4)

(Blood) (Cows)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODY NETS, R.N.; KANIMETOV, A.

Distribution of vitamin B_{12} in the sheep organism. Izv.AN Kir. SSR. Ser.biol.nauk 1 no.1:155-157 '59. (MIRA 13:6)
(CYANOCOBALAMINE) (SHEEP)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R.N.; VALUYSKIY, P.P.

Cobalt requirements of milk cows. Izv.AN Kir.SSR, Ser.biol.nauk 1 no.1:127-139 '59. (MIRA 13:6)
(COBALT) (DAIRY CATTLE--FEEDING AND FEEDS)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R.N.

Strontium and barium content of feed and water and their distribution and metabolism in the animal organism. Izv. AN Kir.SSR. Ser.biol.nauk 1 no.1:119-125 '59.

(STRONTIUM) (BARIUM) (MIRA 13:6)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R.N.; STESHENKO, V.M.; VALUYSKIY, P.P.; ILIBEZOVA. Ye.P.

Effect of stable strontium isotopes on the sheep organism. Izv.AN Kir.SSR. Ser.biol.nauk 1 no.1:93-117 '59. (MIRA 13:6)

(STRONTIUM--ISOTOPES) (SHEEP--PHYSIOLOGY)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R.N.

Effect of alkali nutrition on the metabolism and semen production in breeding rams. Uch. zap. Biol.-pochv. fak. Kir. un. no.7:239-245 '58. (MIRA 15:10)

(Rams--Feeds and feeding)
(Sodium carbonates--Physiological effect) (Semen)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R.N.

Metabolism in the mammary gland of lactating cows. Trudy Inst. zool. i paraz. AN Kir. SSR no.6:215-229 '57. (MIRA 11:3)
(Metabolism) (Mammary glands) (Cows)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

USSR/Farm Animals - Large Horned Cattle. G-2

Abs Jour : Ref Zhur - Biol., No 18, 1958, 83340

Author : ~~Odymets, R.N.,~~ Yakovlev, V.G., Dokunin, A.F., Mhmel'nitskaya, Z.D.

Inst : Institute of Zoology and Parasitology, AS KirgSSR.

Title : The Effect of Sugar Beets upon Nitrogen, Calcium, and Phosphorus Metabolisms in Milch Cows.

Orig Pub : Tr. In-ta zool. i parazitol. AN KirgSSR, 1957, vyp. 6, 231-240.

Abstract : In addition to their usual diet, Alatausian breed cows received 40-45 kg of fodder beets in the first series of tests. In the second series of tests they received in addition to their usual diet 20 kg of sugar beets (5 kg 4 times daily). When sugar beets were fed to the animals, the following blood indicators became higher: the water

Card 1/2

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

USSR/Farm Animals. Swine Q-3

Abs Jour : Ref Zhur - Biol., No 19, 1958, No 88114

Author : Odynets, R.N., Nedokhlebova O.I.
Inst : Institute of Zoology and Parasitology, AS Kirgiz SSR
Title : The Metabolism of Nitrogen, Calcium and Phosphorus in Swine During the Primary Gestation Period

Orig Pub : Tr. in-ta zool. i parazitol. AN KirgSSR, 1956, cyp. 5, 31-36

Abstract : Studies of the balance of Ca and P in white-breed swine during the 3rd, 5th, 8th, and 10th ten-day periods of first pregnancy, upon rearing these swine on special rations. The ration containing 3.03 kg of feed units, 11.0 percent of digestible natural protein, 0.35 percent of Ca and 0.55 percent of P (as calculated in terms of absolutely dry substance), ensured the normal course of pregnancy and the obtaining of 9-10 piglets in a litter with average live weight at birth of 1.08 - 1.23 kg. A marked growth of sows was also observed. Their body length during the period of pregnancy increased by 10 cm., the height at withers

Card : 1/2

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COUNTRY : USSR
CATEGORY : Farm Animals.
Cattle.
ABS. JOUR. : RZhBiol., No. 3, 1959, No. 11986.

[illegible] : [illegible] Valuyskiy, I.P.
[illegible]
[illegible] : Protein Metabolism in the [illegible] of Non-Lactating Cows.

ORIG. PUB. : Tr. In-ta zool. i parasitol. AN KirgSSR, 19[illegible], vyp. [illegible], 19-22
: Before they were fed in the morning, blood was taken from 10 Alatauskaya breed 5-6 years old [illegible] abdominal aorta, subcutaneous abdominal vein and jugular vein, and its dry residue, general and residual nitrogen, amino-nitrogen, albumins, globulins, urea, and ammonia were [illegible]. Significant differences in the [illegible] of these indicators in blood which [illegible] from organs situated in the [illegible] of the udder were [illegible]
[illegible] Lashchevskaya

1/1 Kirghiz SSR.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R.N.; DOKUKIN, A.F.; FANTALIS, I.A.

Changes in the respiratory function of blood in lactating cows after putting them on mountain pastures. Trudy Inst.zool.i paraz. AN Kir.SSR no.5:9-17 '56. (MLRA 10:5)
(Cows) (Altitude, Influence of)
(Blood, Gases in)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

USSR/Farm Animals.- Large Horned Cattle. Q-2

Abs Jour : Ref Zhur - Biol., No 18, 1958, 83334

Author : Odynets, R.N., Fantalis, I.A., Mel'nikov, P.I.

Inst : Institute of Zoology and Parasitology, AS KirgSSR.

Title : Nitrogen, Calcium, and Phosphorus Metabolism in Highly Productive Milch Cows which Received Large Amounts of Corn Silage with Their Rations.

Orig Pub : Tr. In-ta zool. i parazitol. AN KirgSSR, 1956, vyp. 5, 3-8

Abstract : Two groups of cows (3 cows in each group) of Alatausian breed were put on a silage-hay concentrates diet. They were 4-10 years old, their weights were between 540 and 670 kg, and their milk yields amounted to 18.0-23.8 kg. The diet of one of the groups was more nourishing and had a lower P content. In the animals of the 1st group, daily Ca deposits amounted to about 3.68 gr, and in those of the

Card 1/2

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R.N.; DOKUKIN, A.F.

Oxygen consumption and carbon dioxide secretion in the mammary glands of lactating cows. Trudy Inst.zool.i paraz.AN Kir.SSR no.4: 165-172 '55. (MLRA 10:5)

(Cows) (Udder) (Blood, Gases in)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R.N.; DOKUKIN, A.F.; FANTALIS, I.A.; MEL'NIKOV, P.I.

Nitrogen, calcium, and phosphorus metabolism in highly productive dairy cows fed rations containing brewery mash. Trudy Inst.zool.i paraz.AN Kir.SSR no.4:157-163 '55. (MLRA 10:5)

(Cows--Feeding and feeding stuffs)
(Minerals in the body)
(Brewing industries--By-products)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R.N.; FANTALIS, I.A.

Studying protein metabolism in mammary glands of lactating cows. Trudy Inst.zool.i paraz.AN Kir.SSR no.4:151-156 '55. (MIRA 10:5)

(Protein metabolism) (Udder)
(Cows)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, Raisa Nikolayevna

Inst of Zoology and Parasitology Acad Sci Kirgiz SSR. Academic degree of Doctor of Agricultural Sciences, based on her defense, 2 February 1955, in the Council of the All-Union Sci Res Inst of Animal Husbandry, of her dissertation entitled: "Basis of a Rational Type of Feeding of Pedigreed Hogs in Beet-Sowing Regions in Central Asia and Kazakhstan."

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no. 12, 28 May 55, Byulleten' MVO SSSR, No. 15, Aug 56, Moscow, pp. 5-24, Uncl. JPRS/NY-537

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R.N.

ODYNETS, R.N.; KANYGINA, K.I.; YAKOVLEV, V.G.; FANTALIS, I.A.; KORNEYEV, D.N.; [deceased]; MEL'NIKOV, P.I.; FEDOTOV, I.I.

Effect of iodinated casein on protein, calcium and phosphorus metabolism in dairy cows. Trudy Inst. zool. i paraz. KirFAN SSSR no.2:3-20 '54. (MLRA 10:6)
(Iodine) (Cows--Feeding and feeding stuffs) (Metabolism)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R.N.; A[illegible]OV, V.A.; KORNEYEV, D.N.; DOKUKIN, A.F.; KOMASHEVA, I.F.

Effect of insemination with mixed semen on the rate of fertilization in cows. Trudy Inst. zool. i paras. KirFAN SSSR, no.3 25-29 '54. (MLRA 10:6)

(Artificial insemination) (Cows)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

YAKOVLEV, V.G.; ODYNETS, R.N.; KANYGINA, K.I.; OZEROVA, G.N.

Wool productivity in sheep as affected by different nutrition levels. Trudy Inst. zool. i paraz. KirFAN SSSR. no.1:9-24 '54. (Kirghizistan--Sheep--Feeding and feeding stuffs) (MLRA 10:6) (Wool)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R.N.; YAKOVLEV, V.G.; NEDOKHLEBOVA, O.I.

Effect of feeding on the fertility of ewes. Trudy Inst. zool. i parez. KirFAN SSSR. no.1:3-7 '54. (MLRA 10:6)
(Kirghizistan--Sheep--Feeding and feeding stuffs)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R. N.

"A Basis for a Rational Type of Feeding for Breeding Swine in the Sugar Beet Regions of Central Asia and Kazakhstan." Dr Agr Sci, All-Union Sci Res Inst of Animal Husbandry, Moscow, 1954. (KL, No 7, Feb 55)

SO: Sum. No. 631, 26 Aug 55-Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

AKATOV, V.A.; BESTUZHEV, A.G.; ROMASHEVA, L.F.; KORNEYEV, D.N.; ODYMETS, R.N., otvetstvennyy redaktor

[Causes of sterility in cattle on some state farms of the Kirgiz S.S.R. and how it can be controlled] Prichiny besplodiia krupnogo rogatogo skota v nekotorykh sovkhozakh Kirgizskoi SSR i mery bor'by s nim. Frunze, Izd-vo Kirgizfan SSSR, 1953. 53 p. [Microfilm] (MLRA 7:10)

(Kirghizistan--Sterility in animals)
(Sterility in animals--Kirghizistan)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

YAKOVLEV, V.G.; ODYNETS, R.N.; KANYGINA, I.; OZEROVA, G.N.

Effect of keratin on the wool productivity of sheep. Trudy Biol. inst. KirFAN SSSR no.4:103-111 '51. (MLRA 9:10)
(SHEEP--FEEDING AND FEEDING STUFFS)
(KERATIN) (WOOL)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R. N.

Odynets, R. N. "Chemical composition of pig embryos," Trudy Kirgiz. nauch.-issled. in-ta zhivotnovodstva, Issue 5, 1948, p. 263-69

SO: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, R. V.

Odynets, R. V. "Milk production of sows of the big white breed," Trudy Kirgiz. nauch.-issled. in-ta zhivotnovodstva, Issue 9, 1948, p. 254-62 -- Bibliog: 5 items

So: U-3566, 1[illegible] March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

OLYNETS, R. N.

Olynets, R. N. "Lard fattening of growing pigs," Trudy Kirgiz. nauch.-issled. in-ta zhivotnovodstva, Issue 9, 1948, p. 139-60 -- Bibliog: 7 items

So: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

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L 44594-66

ACC NR: AR6010520

of the oxide film itself and on the surface of the electrode, which hamper the transition of the electrons from the metal to the oxide.

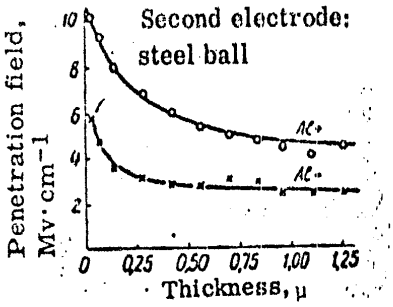

Fig. 1

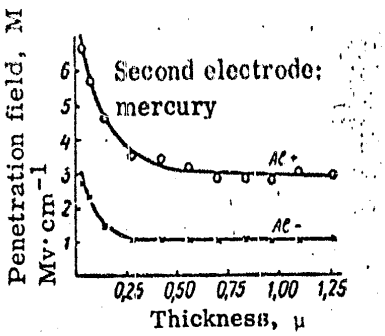

Fig. 2

For oxide films that are not very thick, the determining stage of breakdown is the injection of electrons from the cathode into the conduction band of the dielectric, and in very thin layers (<0.3μ) the process of the development of impact ionization becomes determining. [Translation of abstract] 4 illustrations, 2 tables, and bibliography of 10 titles. A. Petrashko

SUB CODE: 11

Card 2/2

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

L 44594-66 EWT(m)/T/EWT(;)/ETI IJP(c) DS/JD

ACC NR: AR6010520 SOURCE CODE: UR/0196/65/000/010/B023/B023

58
B

AUTHOR: Odynets, L. L.; Platonov, F. S.; Raykerus, P. A.

TITLE: Electric strength of oxide films on aluminum 27

SOURCE: Ref. zh. Elektrotekhnika i energetika, Abs. 10B114

REF SOURCE: Sb. Proboy dielektrikov i poluprovodnikov. M.-L., Energiya, 1964, 319-322

TOPIC TAGS: aluminum, electric property, electrochemistry, surface film, aluminum oxide

ABSTRACT: The electric strength of oxide films obtained on aluminum of grade AV000 (purity 99.99%) was investigated by electrochemical oxidation in an aqueous solution of boric acid (30 g/liter) and borax (0.05 g/liter) at 85C. Figures 1 and 2 show the electric strength of the films as a function of the thickness and polarity. The decrease in electric strength at negative polarity of the aluminum is explained by the fact that in this case the metal lattice makes a direct transition to the oxide lattice and the height of the potential barrier at the metal-oxide boundary, which the electrons must overcome in order to enter the conduction band of the oxide layer, is determined only by the difference of the work function of the metal and its oxide. This barrier is quite low. At negative polarity of the second electrode, the height of the barrier is determined to a considerable degree by different surface states, originating both on the surface

Card 1/2 UDC: 621.315.612.8.015.5:621.319.46

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L 38166-66

ACC NR: AP6019239

minimum in about 2 minutes. After the minimum value was reached, the potential became linear with time. The slope of the linear portions depended on the speed of oxide formation and increased with current density, somewhat lower for p-type silicon than for n-type. Oxide thicknesses were given as functions of potential and time for a current density of 8 ma/cm^2. The thickness increased at 5.0 Å/v independent of the semiconducting properties. Equations were derived from the potential curves and related to defect mechanisms occurring at the surface. The initial potential was equivalent to the barrier potential. For the anodic polarization of p-type silicon, the enrichment of surface charge carriers takes place and therefore the initial potential is much lower. The oxide thickness was proportional to the previous quantity of electricity and since the thickness was linearly dependent on time the electric field in the oxide layer was constant for a constant current density. From the data, this field was calculated to be 2.2 x 10^7 v/cm. Orig. art. has: 4 figures, 1 table, 3 formulas.

SUB CODE: 07/ SUBM DATE: 19Feb65/ ORIG REF: 002/ OTH REF: 011

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

L 38166-66 EWT(m)/T IJP(c) DS

ACC NR: AP6019239 (A) SOURCE CODE: UR/0364/66/002/003/0346/0350

AUTHOR: Maminova, S. P.; Odynets, L. L.

ORG: Petrozavodsk State University im. O. V. Kuusinena (Petrozavodskiy gosudarstvennyy universitet)

TITLE: Electrochemical oxidation of silicon in ethylene glycol

SOURCE: Elektrokhimiya, v. 2, no. 3, 1966, 346-350

TOPIC TAGS: silicon single crystal, electrochemical process, oxidation, oxide formation, ethylene glycol, semiconductor conductivity, electrochemistry, silicon semiconductor, current density, electric potential

ABSTRACT: A study was done on the electrochemical oxidation of p- and n-type silicon, alloyed with B and P, in 0.04 N solutions of KNO_3 in ethylene glycol. Samples of the silicon single crystals were cut into sheets 1-2 mm in diameter along the (111) planes. The potential drop across the silicon electrode and the oxide layer is given as a function of time for current densities ranging from 3 to 10 ma/cm^2. Initially, the potential increased linearly with time up to a point where sparking occurred at the electrode, whereupon the slope decreased and finally became constant. The semiconducting nature of the silicon electrode was particularly evident at the beginning of oxidation. The initial values of potential were much lower in the p-type silicon. For n-type silicon the potential dropped sharply after the start of oxidation and reached a

Card 1/2

UDC: 541.13:621.315.592

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ACCESSION NR: AP5009305

ASSOCIATION: Petrozavodskiy gosudarstvennyy universitet (Petrozavodsk State University)

SUBMITTED: 27May64 ENCL: 00 SUB CODE: IC

NO REF SOV: 000 OTHER: 002

Card 1/2

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ACCESSION NR: AP5004305 S/0264/65/001/003/0365/0366

21
20
B

AUTHOR: Maminova, R.P.; Odynets, L.L.

TITLE: Anodic luminescence during the electrochemical oxidation of silicon

SOURCE: Elektrokhimiya, v. 1, no. 3, 1965, 365-366

TOPIC TAGS: electrochemical oxidation, silicon oxidation, anode luminescence, anode polarization

ABSTRACT: The authors observed a fairly bright luminescence during the electrochemical oxidation of p- and n-type silicon in a 0.04 N solution of KNO_3 in ethylene glycol. The experiments were carried out with silicon single crystals cut in the (111) plane. In the case of p-type silicon, the brightness of the luminescence increased with the voltage for a constant current density. A current drop at constant voltage was accompanied by a decrease in luminescence, and when a steady residual current was established, the brightness of the residual luminescence became constant. In the case of n-type silicon, the curve of brightness versus time at constant current density displayed a break due to the presence, at the silicon - electrolyte interface, of a barrier hindering the anodic polarization. An interpretation of this phenomenon is given. Orig. art. has: 2 figures.

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Oxidation of P-N junctions in silicon. Zhur. fiz. khim. 39 no.2:531 F '65. (MIRA 18:4)

1. Petrozavodskiy gosudarstvennyy universitet.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ACCESSION NR: AT4042326

experimental results discussed in the article. Theories which are given specific attention are: (1) earlier gas theories which assumed a porous structure of the oxide layer of an ionic-valve metal, (2) the electro-osmotic theory which regards the oxide layer as a diaphragm whose pores retain the electrolyte, (3) the electrochemical theory of rectification which suggests that any electrolytic cell acts as a valve if the rates of electrochemical reactions at the anode and cathode differ, (4) theories of three-dimensional charge in the interior of the oxide layer, (5) the theory of hydrogen intrusion, and (6) theories of p - n and p-i-n transitions. None of these theories offers an adequate explanation of the multitude of phenomena occurring in electrolytic rectifiers. However, theories linking rectification to processes occurring at the oxide layer — electrolyte boundary appear to be more plausible. Orig. art. has: 10 figures, 8 tables and 10 equations.

ASSOCIATION: Karel'skiy filial AN SSSR (Karelian Branch, AN SSSR)

SUBMITTED: 08Jan64 ENCL: 00

SUB CODE: SS, EM NO REF SOV: 017 OTHER: 027

Card2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ACCESSION NR: AT4042326 S/0000/64/000/000/0018/0040

AUTHOR: Zhukova, I. S., Ody*nets, L. L.

TITLE: Electrical properties of oxide films on ionic valve metals and the mechanism of electrolytic rectification

SOURCE: AN SSSR. Karel'skiy filial. Fizika poluprovodnikov i metallov (physics of semiconductors and metals). Moscow, Izd-vo Nauka, 1964, 18-40

TOPIC TAGS: electrolytic rectification, rectifier, ionic valve, oxide film, metal conductivity, metal oxide conductivity, dielectric

ABSTRACT: In a review of published work on the unidirectional conductivity of metal — oxide films — electrolyte systems (for aluminum, tantalum, niobium and zirconium), the theories which have been proposed during the last forty years are divided into two groups: those of local rectification, which regard the oxide film as a dielectric permitting the passage of an ion current only during the process of oxide formation, and those which assert that a current can pass through a whole oxide layer regardless of defects. The static volt-ampere characteristics of the metal — oxide layer — electrolyte system and the dynamic volt-ampere characteristics of the electrolytic rectifier are the principal

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ACCESSION NR: AT4042325

are discussed at length. The part played by the electrical field and the nature of the particles that pass by diffusion through the oxide layer in the process of its growth, as well as the processes at the metal — oxide and oxide — electrolyte boundaries, are still not clarified for lack of experimental data. Orig. art. has: 4 figures and 25 formulas.

ASSOCIATION: Karel'skiy filial AN SSSR (Karelian Branch, AN SSSR)

SUBMITTED: 08Jan64 ENCL: 00

SUB CODE: SS, MM NO REF SOV: 010 OTHER: 028

Card 2/2

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ACCESSION NR: AT4042325 S/0000/64/000/000/0005/0017

AUTHOR: Zhukova, I. S., Ody*nets, L. L.

TITLE: Electrochemical oxidation of ionic-valve metals

SOURCE: AN SSSR. Karel'skiy fillial. Fizika poluprovodnikov i metallov (Physics of semiconductors and metals). Moscow, Izd-vo Nauka, 1964, 5-17

TOPIC TAGS: ionic valve metal, metal oxide conductivity, metal conductivity, electrochemical oxidation, oxide film

ABSTRACT: The author discusses the still not fully clarified mechanism of the formation of oxide films during electrochemical oxidation of the so-called ionic-valve metals (aluminum, tantalum, niobium, zirconium and some others). The potential barrier at the metal — oxide boundary, the electrical field in the oxide layer, the effect of the three-dimensional charge of cation vacancies, and the processes at the oxide — electrolyte boundary involved in the anodic oxidation of ionic-valve metals are the major points of the discussion. Reactions occurring at the surface of the oxide layer, which control the ion supply by the general equation

$$Me^{z+} + 2zOH^- \rightarrow Me_2O_z + zH_2O. \quad (1)$$

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ODYNETS, L.L., otv. red.

[Physics of semiconductors and metals] Fizika poluprovodnikov i metallov. Moskva, Izd-vo "Nauka," 1964. 75 p. (MIRA 17:3)

1. Akademiya nauk SSSR. Karel'skiy filial, Petrozavodsk.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

DUBROVSKIY, L.A.; MEL'NIK, V.G.; ODYNETS, L.L.

Anodic oxidation of silicon in pure water. Zhur.fiz.khim. 36 no.10:2199-2204 O '62. (MIRA 17:4)

1. Petrozavodskiy gosudarstvennyy universitet.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, L.L., kand.tekhn.nauk

Concerning the efficiency of using a.c. for shaping plate foil in the manufacture of electrolytic condensers. Izv. vys. ucheb. zav.; energ. 5 no.2:108-111 F '62. (MIRA 15:3)

1. Petrozavodskiy gosudarstvennyy universitet.
(Condensers (Electricity))

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, L.L.

Rectification at the boundary of an ion-exchange membrane. Zhur. fiz.khim. 35 no.6:1372-1373 Je '61. (MIRA 14:7)

1. Novosibirskiy elektrotekhnicheskiy institut.
(Membranes (Chemistry)) (Ion exchange)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, L.L.

Termination of rubber insulated high-voltage cables. Prom. energ. 16 no.4:17-18 Ap '61. (MIRA 14:9)
(Electric lines)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYNETS, L.L., inzh.

Determining the optimum parameters of semiconducting shields for high-tension cables. Vest. elektroprom. 31 no.5:70-72 My '60.
(Electric cables) (Shielding (Electricity)) (MIRA 13:8)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

Rectifier theory

S/196/62/000/005/004/012
E194/E154

no.12, 1.3247; 1961, 12 B63). In these systems unidirectional conductivity is explained by internal processes in the oxide film associated with non-uniformities across the thickness (see Ref.Zh.Elek. 1960, no.18, 1.4396; 1961, 5 B122, 9 B37). Therefore, in explaining one way conductivity it is necessary to consider both surface and internal effects of the oxide film, and one or the other of these effect may predominate depending upon the conditions.

[Abstractor's note: Complete translation.]

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Rectifier theory

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E194/E154

Abstractor's note: 1) The analogy that the authors draw between the structure of oxide films obtained in strong and in weak acids is doubtful since in the two cases the oxide films differ greatly in mechanism of formation, thickness, porosity and valve-like characteristics. 2) The authors explain the unidirectional conductivity of an oxide film on aluminium by the presence of defects in the film and by the dissolution of the thin oxide film on cathodic areas. Evidently the clearly expressed unidirectional conductivity of oxide films of other valve-like metals in electrolytes, for instance, oxide films on tantalum, should be capable of explanation from this standpoint. However, Ta_2O_5 is particularly inert and is not dissolved even in strong electrolytes, whilst the number of defects in Ta_2O_5 is much smaller than in Al_2O_3. 3) It is difficult to explain the valve properties of oxide films on aluminium only by surface electrochemical processes occurring at the boundary between the oxide film and the electrolyte. Oxidized aluminium displays one way conductivity in the systems $Al-Al_2O_3$-semiconductor as well as in the systems $Al-Al_2O_3$-metal electrode (see Ref.Zh.Elek. 1960,

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Rectifier theory

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E194/E154

electrolyte there takes place both continuous dissolution of thin oxide films on anode areas which are thus converted into cathodic areas, and the covering up of individual bare areas on the metal (anodes) by a thin layer of oxide film which converts these areas into cathodic. Depending on the sign of the voltage, the equilibrium between these two processes is displaced in one or the other direction. It is concluded that the valve-like properties of the system $Al-Al_2O_3$-electrolyte depend on the rate of anodic and cathodic reactions on oxidised aluminium. Static and dynamic volt-ampere characteristics are given for the system $Al-Al_2O_3$-electrolyte for aqueous solutions of boric acid (30, 50 and 100 g/litre) and of borax (0.05, 0.25 and 0.5 g/litre) respectively. The rectification factors for these electrolytes were respectively 1.1×10^3, 3.1×10^3, and 4.2×10^3 under static conditions, and 7, 8 and 10.5 under dynamic. Rectification was observed in centinormal solutions of H_2SO_4, $Ca(NO_3)_2$ and $Al(NO_3)_3$ (the rectification factors were respectively 14.0, 8.5 and 3.8). The experimental results are discussed in the light of the proposed theory. 18 literature references.

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S/196/62/000/005/004/012
E194/E154

AUTHORS: Gulyayeva, L.M., Odynets, L.L., and Prikhod'ko, T.P.

TITLE: Rectifier theory

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika, no.5, 1962, 6-7, abstract 5 B60. (Sb. tr. Nauchno-tekhn. o-va radiotekhn. i elektrosvyazi im. A.S. Popova, no.1, 1960, 135-146)

TEXT: This work extends the ideas of G.V. Akimov (Uspekhi khimii, 14, 1947, 353) concerning the structure of oxide films produced on forming aluminium in strong acids, to the structure of similar films produced on forming in weak acids. The surface of the formed aluminium electrode in the electrolyte is considered as a complex micro-galvanic system containing a certain quantity of so-called anodic areas in which random defects expose the metal, and of cathodic areas in which the bare metal is covered by a thin layer of oxide film (of 10-20 Å); on the cathode areas the cations can be charged by tunnel effect. On application of voltage to an aluminium electrode immersed in

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Vsesoyuznaya konferentsiya po fizike dielektrikov. 2d, 1958

Fizika dielektrikov; trudy vtoroy vsesoyuznoy konferentsii (Physics of Dielectrics, Transactions of the 2d All-Union Conference on the Physics of Dielectrics) Moscow, Izd-vo AN SSSR, 1960. 532 p. Errata slip inserted. 5,000 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Fizicheskiy institut imeni P.N. Lebedeva.

Ed. of Publishing House: Ye.L. Starokadomskaya, Tech. Ed.: I.N. Dorokhina; Editorial Board: (Resp. Ed.) G.I. Skanavi, Doctor of Physics and Mathematics (Deceased), and K.V. Filippova, Candidate of Physics and Mathematics.

PURPOSE: This collection of reports is intended for scientists investigating the physics of dielectrics.

COVERAGE: The Second All-Union Conference on the Physics of Dielectrics held in Moscow at the Fizicheskiy institut imeni P.N. Lebedeva (Physics Institute imeni P.N. Lebedev) in November 1958 was attended by representatives of the principal scientific centers of the USSR and of several other countries. This collection contains most of the reports presented at the conference and summaries of the discussions which followed. The reports in this collection deal with dielectric properties, losses, and polarization, and with specific inductive capacitance of various crystals, chemical compounds, and ceramics. Photoelectrets, ferroelectric crystals, and various radiation and irradiation effects on dielectrics are investigated. The volume contains a list of other papers presented at the conference dealing with polarization, losses, and breakdowns of dielectrics, which were published in the journal Izvestiya AN SSSR, seriya fizicheskaya, [illegible] 1960. No personalities are mentioned. References accompany each report.

Torbin, N.M. Currents During Pulse Puncture of Solid Dielectrics [Tomsk Polytechnical Institute imeni S.M. Kirov] 415

Ivankina, M.S. Certain Regularities in the Physical Properties of Solid Ion Dielectric Solutions [Tomsk Polytechnical Institute imeni S.M. Kirov] 423

Discussion 429

Odyneta, L.L. Properties of the Al-Al_2O_3 System - Electrolyte Under Alternating Voltage [Novosibirskiy elektrotekhnicheskiy institut (Novosibirsk Institute of Electrical Engineering)] 432

Myuller, R.L. Electric Conductivity of Complex Glasses [Leningradskiy Gosudarstvennyy universitet im. A.A. Zhdanova (Leningrad State University imeni A.A. Zhdanov)] 439

Kostyukov, N.S. Thermodiffusion Currents in Ceramic Materials Having Ion Conductance With a Closed External Circuit [Gosudarstvennyy issledovatel'skiy elektrokeranicheskiy institut, Moskva (State Electroceramics Research Institute, Moscow)] 459

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Belyayev, L.M., B.M. Golovin, I.S. Zheludev, N.T. Kashukeyev, and V.M. Fridkin. Investigation of Photoelectrets Formed Under the Action of Light and γ-Radiation in Anthracene Monocrystals and the Polycrystal Layers of Cadmium Sulfide [Ob"yedinennyy institut yadernykh issledovaniy (Joint Institute of Nuclear Research), Institute of Crystallography, AS USSR, Physics Institute, Bulgarian Academy of Sciences] 481

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Ar'yev, A.M., and A.P. Ashraf'yan. Effect of β-Irradiation on the Electrical Conductivity and Structure of Synthetic Ceresin [Novocherkasskiy politekhnicheskiy institut (Novocherkassk Polytechnical Institute) 503

Kolomoytsev, F.I., P.K. Mitskevich, V.G. Bobyl', and A.Ya. Yakunin. Comparison of Certain Properties of Solid and Liquid Dielectrics During Irradiation [Dnepropetrovskiy inzhenerno-stroitel'nyy institut (Dnepropetrovsk Institute of Civil Engineering), Dnepropetrovsk State University] 510

Shastova, A.K. Electric strength of Sodium Chloride Irradiated by X-Rays (Tomsk Polytechnical Institute imeni S.M. Kirov) 518

Yasnopol'skiy, N.L., and A.P. Alekseyeva. Transmission of Stationary Currents

ODYNETS, L.L.

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ODYNETS, L.L., inzh.

Electrical processes taking place in electrolytic cells in the formation of aluminum by an alternating current. Izv. vys. ucheb. zav.; energ. 2 no.7:50-59 Jl '59. (MIRA 13:1)

1. Novosibirskiy elektrotekhnicheskiy institut.
(Aluminum--Electrometallurgy)

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ODYNETS, L.L., inzh.

Regularities in the forming of aluminum anodes for electrolytic capacitors by a.c. Izv. vys. ucheb. zav.; energ. no.7:46-52 Jl '58. (MIRA 11:10)

1. Novosibirskiy elektrotekhnicheskiy institut.
(Condensers (Electricity))

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ODYNETS, L. L.

PA 24/49T118

USSR/Radio Waves - Super High-Frequency Jan 49
Dielectrics - Losses

"Optical Method of Measuring Dielectric Permeability and Dielectric Loss in Hard Insulators in the Centimeter Range," L. L. Odynets, Electrotech Lab, 6 pp

"Zhur Tekh Fiz" Vol XIX, No 1

Considers theory of method to determine dielectric permeability and dielectric losses by measuring transparency of dielectric's plane-parallel membrane. Describes device for measuring transparency of dielectric's membrane in the centimeter range. Determines values of dielectric permeability and dielectric losses for two dielectrics at the wave 5.5 cm with satisfactory accuracy.

24/49T118

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L 13016-66

ACC NR: AT6000928

mm thickness. Due to the brittleness of ANKOTI at both high and low temperatures, powder processing was used. The powder (0.01-0.05 mm diameter) was purified and degreased and applied to the core by cold-rolling and subsequently sintered to bond the layer by diffusion. The sintering was done at 1100, 1150, 1200 and 1250°C for 2, 4, 6 and 8 hrs in a hydrogen atmosphere, in vacuo, in argon and in sealed iron tubes. The surface conditions of the respective treatments were compared metallographically. The surfaces of the powder particles formed films of oxides which are hard to reduce upon heating which hindered the sintering process. The microstructure of ANKOTI showed dispersed γ'-$Ni_3(TiAl)$ within the grains of solid solution and as a fine network along the grain boundaries. The structure of the cermet form of ANKOTI (sintered powder) had grains of solid solution with separated inclusion of the γ' phase. Low magnification micrographs were shown of the bimetallic strip after sintering at 1100, 1200 and 1250°C. At 1100°C, the layer showed much porosity and had low strength. Equations are presented for the experimental parameters of each process. The best bonding of the powder to the core was attained by using an average unit pressure of 40 to 50 kg/mm^2. Orig. art. has: 7 figures.

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A L 13016-66 EWP(e)/EWT(m)/EWP(w)/EWA(d)/T/EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(c)

ACC NR: AT6000928 SOURCE CODE: UR/2563/65/000/251/0040/0043

IJP(c) MJW/JD/WW/HW/JG/WH

AUTHOR: Vyaznikov, N. F.; Pavlov, N. N.; Odynets, G. L.

ORG: Leningrad Polytechnic Institute imeni Kalinin (Leningradskiy politekhnicheskiy institut)

TITLE: Production of bimetallic strips with cermet magnetic layers on nonmagnetic cores

SOURCE: Leningrad. Politekhnicheskiy institut. Trudy. no. 251, 1965. Metallovedeniye (Metal science), 40-43

TOPIC TAGS: cermet, austenitic steel, powder metallurgy, metal bonding, metal grain structure

ABSTRACT: A method was developed for producing nonmagnetic strips of 2-3 mm thickness with highly coercive magnetic layers (0.08-0.10 mm) applied by powder methods. 20N24Kh2 austenitic nickel steel with an average composition of 0.20% C, 24% Ni and 2% Cr was selected for the nonmagnetic core. ANKOTI, a carbon-free dispersion hardening alloy, was chosen for the magnetic layer. This alloy had an average composition of 9% Al, 14% Ni, 30% Co, 4% Cu and 4% Ti (remainder Fe). 20N24Kh2 steel was melted in a high frequency furnace, poured into 10 kg ingots, hot-rolled and cold-rolled into strips 30 mm width and 2-3

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ODYN, Ya. Ya. In Latvian

ODYN, Ya. Ya. -- "Transverse Profile of Drainage Canals in Fern-Sedge Fir Groves of the Latvian SSR." Latvian Agricultural Academy, 1953 In Latvian (Dissertation for the Degree of Candidate of Technical Sciences)

SO: Izvestiya Ak. Nauk Latviyskoy. SSR. No. 9, Sept. 1955

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODYN, V. P. (Engr.)

"Experience in Fighting the Corrosion Caused by Stray Currents in Power and Telephone Cables in Riga".

report presented at the Odessa Conference on the Fighting of Corrosion caused by Stray Currents, Nov 1957, Odessa Branch NTOEP (Elektrichestvo, "58, 4:83)

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MATVEYEV, K.I.; OSIPOV, A.M.; ODYAKOV, V.F.; SUZDAL'NITSKAYA, Yu.V.; BUKHTOYAROV, I.N.; YEMEL'YANOVA, O.A.

Catalytic oxidation of ethylene in the presence of aqueous solutions of palladium salts. Kin.i kat. 3 no.5:661-673 S-O '62. (MIRA 16:1)

1. Institut kataliza Sibirskogo otdeleniya AN SSSR.
(Ethylene) (Oxidation) (Palladium salts)

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ODVODY, V.

Surface roughness chart. p.215.
(Strojirenska Vyroba, Vol. 5, No. 5, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODVODY, V.

"Surface Roughness of Machine-Tool Parts," P. 607, (STROJIRENSTVI, Vol. 4, No. 8, Aug. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

KVICALA, V.; ODVARKOVA, J.; SEDLACEK, J.; VACEK, J.

Neurogenic etiology of Dupuytren's contracture. Part II. Acta chir. plast. 5 no.3:235-244 '63.

1. Neurological Clinic, Charles University, Prague (Czechoslovakia) Director: Academician K. Henner Clinic of Plastic Surgery, Charles University, Prague Director: Academician F. Burian.

(DUPUYTREN'S CONTRACTURE)
(PERIPHERAL NERVE DISEASES)
(ELECTROMYOGRAPHY) (SKIN)
(BODY TEMPERATURE) (ELECTROENCEPHALOGRAPHY)
(GALVANIC SKIN RESPONSE)

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KVICALA, V.; ODVARKOVA, J.; SEDLACEK, J.; VACEK, J.

Neurogenic etiology of Dupuytren's contracture. Part I. Acta chir. plast. 5 no.3:227-234 '63.

1. Neurological Clinic, Charles University, Prague (Czechoslovakia) Director: Academician K. Henner Clinic of Plastic Surgery, Charles University, Prague Director: Academician F. Burian.

(DUPUYTREN'S CONTRACTURE)
(CENTRAL NERVOUS SYSTEM DISEASES)
(PERIPHERAL NERVE DISEASES)
(BRAIN DISEASES) (SPINAL DISEASES)
(CERVICAL VERTEBRAE) (NUTRITION DISORDERS)

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LESNY, Ivan; ODVARKOVA, Jitka; STEIN, J.

The effect of acoustic stimulation by a constant tone of different frequencies on the human electroencephalogram, especially in children. Cesk. neurol. 25 no.1:39-49 Ja '62.

1. Elektrobiologicka laborator neurologicke kliniky KU, prednosta akademik K. Henner.

(ELECTROENCEPHALOGRAPHY in inf & child)
(SOUND in inf & child)
(NEUROLOGY in inf & child)

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LESNY, Ivan; ODVARKOVA, Jitka

Electroencephalography in pavor nocturnus & somnambulism. Cesk. neur. 21 no.5:312-317 Sept 58.

1. Detske oddeleni neurologicke kliniky KU, prednosta akademik K. Henner.
(ELECTROENCEPHALOGRAPHY, in various dis.
pavor nocturnus & somnambulism in child. (Cz))
(SLEEP DISORDERS, in inf. & child
pavor nocturnus & somnambulism, EEG (Cz))

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

ODVARKOVA, JITKA

LESNY, Ivan; DITTRICH, Jan; ODVARKOVA, Jitka

Treatment of epilepsy in children with quinine. Cas. lek. cesk. 96 no.23:707-713 7 June 57.

1. Detske oddeleni neurolog. kliniky, prednosta akademik Henner, I. L., Praha 2, Katerinska 30.
(EPILEPSY, in inf. & child
ther., quinine (Cz))
(QUININE, ther. use
epilepsy in child. (Cz))

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ODVARKOVA, JITKA

LESNY, Ivan; KARASSIEWICZ, Lad; ODVARKOVA, Jitka; Ing. Styrsky (technicka spoluprace).

Curves of electrical conductibility in neurological diagnosis. Cas. lek. cesk. 96 no.16:489-493 19 Apr 57.

1. Elektrobiologicke laboratore neurologicke kliniky, prednosta akademik K. Henner a Energeticky ustav. I. L., Praha 2, Katerinska 30.

(NERVOUS SYSTEM, dis.
peripheral motor lesions, diag. value of dermatophoric curves (Cz))

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001237800031-6

LESNY, Ivan, Doc., Dr.; DITTRICH, Jan, Dr.; ODVARKOVA, Jitka, Dr.

Further experiences with quinine treatment in cases of non-compensated epilepsy in children. Cesk. neur. 20 no.1:48-53 Feb 57.

1. Detske oddeleni neurologicke kliniky akademika prof. K. Hennera.
(EPILEPSY, in inf. & child
ther., quinine in noncompensated epilepsy (Cz))
(QUININE, ther. use
epilepsy, noncompensated, in child. (Cz))

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LESNY, Ivan, Doc., Dr.; ODVARKOVA, Jitka, Dr.

Abdominal extended arms phenomenon. Cesk. neur. 20 no.1: 29-31 Feb 57.

1. Neurologicka klinika Ku, prednosta akademik K. Henner, detske oddeleni.

(INFANT, NEWBORN, physiol.
Moro embrace reflex, prod. by abdom. pressure (Cz))
(REFLEX
Moro embrace reflex, prod. by abdom. pressure in inf. (Cz))

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ODVARKOVA, J.

KLIMKOVA-DEUTSCHOVA, M.; ODVARKOVA, J.

Importance of electric conductivity of the skin in occupational trophic lesions of the skin. Pracovni lek. 9 no.3:208-210 June 57.

1. Ambulance prumyslove neurologie a elektrobiolog. laboratore neurolog. kliniky akademika Hennera.
(OCCUPATIONAL DISEASES, physiology,
skin trophic lesions, eff. on electric conductivity (Cz)
(SKIN DISEASES, physiology,
occup. trophic lesions, eff. on electric conductivity (Cz))

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CZECHOSLOVAKIA / Pharmacology, Toxicology. Anti- V
Inflammatory Drugs.

Abs Jour: Ref Zhur-Biol., No 9, 1958, 42448.

Author : Odvarkova, J.
Inst : Not Given.
Title : Butylpyrine Poisoning of a Fifteen Months Old Child.

Orig Pub: Ceskosl. pediatrie, 1956, 11, No 7, 535-537.

Abstract: A child swallowed a few tablets of butylpyrine and was brought in to the clinic, unconscious for about 3 hours. The symptoms: reddish skin, warm, pulse rate 160/min., thready, spasmodic respiration; rigid abdomen, decreased pupillary reflexes to light, decreased corneal reflex; the mouth was tightly shut; there was slight tremor of the tongue; meningeal symptoms were absent, the muscles of the extremities were spastic, tremulous. The treatment

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LESNY, Ivan, Doc., Dr.; ODVARKOVA, Jitka, Dr.

Subchronic cerebellitis in a child. Cesk. pediat. 11 no.4:296-297 Apr 56.

1. Z Neurologicke Kliniky Akademika Hennera, detske oddeleni.
(ENCEPHALITIS, in infant and child,
case reports. (Cz))

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ODVARKO, Vratislav, inz.

Problem of quick starting in hydro-electric power stations. El tech obzor 50 no.10:538-542 O '61.

1. Vltavske elektrarny, n.p., elektrarna Lipno.

(Water-power electric plants)

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ODVARKA, L.

Production of slag-concrete blocks (block-panels) p. 242

POZEMNI STAVBY. (Ministerstvo stavebnictvi) Praha, Czechoslovakia, Vol. (7), no. 5, (May) 1959.

Monthly List of East European Accessions (EEAI), LV, Vol. 8, no. 7, July 1959
Uncl.

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