ANDRYAKIN, V.

Disinfecting sacks and conveyer. Muk.-elev.prom. 27 no.12:24-25 D '61. (MIRA 15:2)

1. Glavnyy inzhener Gor'kovskoy fabriki "Myagkaya tara".
(Bagging--Disinfection)

L 23879-66 EWT(d)/EWT(m)/EWP(w)/EWP(v)/EWP(k)/EWP(h)/EWP(l)/EWA(h)/ETC(m)-6
ACC NR: AP6009929 (A) SOURCE CODE: UR/0413/66/000/004/0124/0124
IJP(c) WW/EM

AUTHOR: Kal'shman, Ye. A.; Kozlov, A. I.; Leonov, N. N.; Shtender, I. G.; Andryakov, V. N.

64
B

ORG: none

TITLE: A device for fastening an element inside a shell in a gas stream. Class 47, No. 179143

14 26

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966, 124

TOPIC TAGS: gas flow, aerodynamic drag

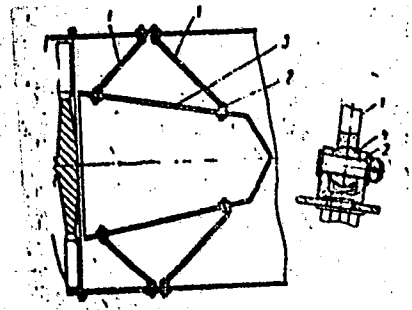
ABSTRACT: This Author's Certificate introduces a device containing braces for fastening an element inside a shell in a gas stream. Hydraulic drag is reduced and the reliability of the fastening is improved by installing the braces at an angle to the axis of the shell and by using ball-and-socket hinges for fastening the braces to the inside surface of the shell and to the element.

UDC: 621.646.9.002.73

2

Card 1/2

L 23879-66
ACC NR: AP6009929



1--braces; 2--axis of the shell; 3--element; 4--ball-and-socket hinges.

SUB CODE: 20/ SUBM DATE: 30May64/ ORIG REF: 000/ OTH REF: 000

Card 2/2 dda

KACHANOV, A.L., inzh.; ANDRYAKOV, Yu.I., inzh.

Turrable crown of the DS-1,5 electric furnace. Mashinostroenie no.1:61-62 Ja-F '64. (MIRA 17:7)

ANDRYANOV, V. Ya.

1. ANDRYANOV, V.- Ya.

2. USSR (600)

4. Speech, Disorders of

7. Rational and conservative therapy of functional aphonia. Vest. oto-rin. 14 no. 6 1952.

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

ANDRYANOV, V.Ya.

Results of novocain lumbar nerve block according to A. V. Vishnevskii in certain acute inflammatory diseases in otolaryngological and dental practice. Vest. otorinolar., Moskva 15 no. 1:76 Jan-Feb 1953. (CIML 24:1)

1. Mukachevo.

BERGMAN, A.G.; ANDRYASHCHENKO, Yu.I.

Ternary system consisting of bromides of potassium, lithium, and lead. Zhur. neorg. khim. 8 no.7:1698-1701 Jl '63. (MIRA 16:7)

1. Rostovskiy-na-Donu nauchno-issledovatel'skiy institut tekhnologii mashinostroyeniya.
(Alkali metal bromides) (Lead bromides)

KRAYZMAN, A.N.; ANDRYCHIN, T.V.

Report on the work of the Volyn' Provincial Scientific Society of Otolaryngologists for 1962. Zhur.ush. nos. i gorl. bol. 23 no.2: 94-95 Mr-Ap'63. (MIRA 16:8)

1. Predsedatel' Volynskogo oblastnogo nauchnogo obshchestva otolaringologov (for Krayzman). 2. Sekretar' Volynskogo oblastnogo nauchnogo obshchestva otolaringologov (for Andreychin).
(VOLYN' PROVINCE—OTORHINOLARYNGOLOGY)

ALEKSEYEVICH, V.A.

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(Rings (Mathematics))

KOHOUTEK, Miroslav; ANDRYS, Josef; VOTIK, Ota

Untoward results of artificial interruption of pregnancy. Cesk.gyn. 25[39] no.9:691-694 N '60.

1. Gyn.por.klin. v Hradci Kralove, prednosta prof. MUDr. J.Pazourek, Dr. Sc.

(PREGNANCY THERAPEUTIC compl)

ANDRYS, Josef; BLECHOVA, Dagmar; ANTOS, Jaroslav; TOMANEK, Jiri

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1. Gynekologicko-porodnicka klinika; prednosta prof. Dr. Sc. MUDr. J. Pazourek Radiologicka klinika; prednosta prof. Dr. Sc. MUDr. J. Bastecky.

(OSTEOGENESIS IMPERFECTA case reports)

ANDRYS, Josef; VACHA, Karel

Multiple hemorrhages caused by undiagnosed rupture of the uterus in interrupted pregnancy. Sborn. ved. prac. lek. fak. Karlov. univ. (Hrad Kral) 4 no.5:675-678 '61.

1. Gynekologicko-porodnicka klinika; prednosta prof. DrSc. MUDr. J. Pazourek.
(UTERINE RUPTURE) (UTERINE HEMORRHAGE) (ABORTION THERAPEUTIC)

ANDRYS, Josef; KALISTA, Vladimir; HEROUT, Vladimir

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1. Gynekologicko-porodnicka klinika; prednosta prof. DrSc. MUDr. J. Pazourek Chirurgicka klinika; prednosta prof. MUDr. J. Prochazka Patologicko-anatomicky ustav; prednosta prof. DrSc. MUDr. A. Fingerland.
(COLONIC DISEASES) (ENDOMETRIOSIS) (INTESTINAL NEOPLASMS)

ANDRYS, Josef; VOTIK, Ota

Colposcopic examination of precarcerous conditions and preclinical cancer. Sborn. ved. prac. lek. fak. Karlov. Univ. 8 no. 3:291-298 '65.

1. Porod.-gynekologicka klinika (prednosta: prof. MUDr. K. Vacha, DrSc.) Karlovy University v Hradci Kralove.

ANDRYS-JANKOWSKI, Ryszard, inz.

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1. Complex Department, Association of the Construction Machine Industry, Warsaw.

ANDRYSEK, Oskar; KOLAR, Miroslav

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1. Z Katedry lekarske fysiky fakulty vseobecnejo lekarstvi KU v Praze. Vedouci MUDr Z. Dienstbier, kandidat lekarskych ved.
(ISOTOPES
review (Cz))

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Recent finding on physiology of the bladder. Acta univ. carol. [med.] Suppl. 14:331-338 '61.

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(BLADDER physiol)

ANDRYSEK, O.

19

/ Labeling of Rose Bengal with iodine-131 by radioactive exchange. L. Lichster and O. Andrysek (Karlova Univ., Prague). *Nature* 184, Suppl. No. 12, 913(1959).—Rose Bengal-I^{131} was prepd. by iodine exchange between Rose Bengal and KI^{131}. The yield was 80% with 78.8% of the original radioactivity. The diagnostic applicability of the compd. was tested. Alice H. Sievert—

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1. Biofyzikalni ustav fakulty vseobecneho lekarstvi KU v Praze, prednosta doc.dr. Z.Dienstbier.
(RADIOAUTOGRAPHY)

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(KIDNEY DISEASES)

ANDRYSEK, O.

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1. Biophysical Institute, Faculty for General Medicine, Charles University, Prague. Director: Z. Dienstbier M.D.
(PORTAL VEINS physiol) (RADIOISOTOPES)

SETKA, J.; MARATKA, Z.; ANDRYSEK, O.; KOCANDERLE, K.

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1. II. vnitrni klinika Karlovy university v Praze, prednosta prof. dr. F. Herles II. vnitrni oddeleni nemocnice v Praze-Bulovce, prednosta doc. dr. Z. Maratka Biofyzikalni ustav lekarske fakulty KU v Praze, prednosta doc. dr. Z. Dienstbier.

(INTESTINAL DISEASES) (FATS) (FECES)
(TRIOLEIN) (OLEIC ACID) (SPRUE)

ANDRYSEK, O

1

CZECHOSLOVAKIA

ANDRYSEK, O.

Biophysical Institute of the Faculty of General Medicine (Biofysikalni ustav fakulty vseobecneho lekarstvi), Prague

Brno, Vnitrni lekarstvi, No 6, 1963, pp 590-593

"Isotopic Diagnostic Methods in Gastroenterology."

ANDRYSEK, O.; SCHUCK, O.; ANDRYSKOVA, J.

The intrarenal distribution of ^{32}P. Physiol. Bohemoslov. 12 no.4:310-312 '63.

1. Institute of Biophysics, Medical Faculty and First Medical Clinic, Charles University, Prague.
(PHOSPHORUS) (KIDNEY) (PHOSPHORUS ISOTOPES)
(RADIOAUTOGRAPHY) (METABOLISM)

SCHUCK, O.; ANDRYSEK, O.; ANDRYSKOVA, J.; LOJDA, Z.

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1. First Medical Clinic, Institute of Biophysics, Institute of Histology, Medical Faculty, Charles University, Prague.
(IODOPYRACET) (IODINE) (IODINE ISOTOPES)
(KIDNEY) (RADIOAUTOGRAPHY) (HYPOTENSION)
(METABOLISM)

CZECHOSLOVAKIA

KOLAR, M; ANDRYSEK, O.

Biophysical Institute of the Faculty of General Medicine of KU (Biofyzikalni ustav fakulty vseobecneho lekarstvi KU), Prague (for both)

Prague, Vnitrni lekarstvi, No 10, 1963, pp 981-986

"Radioisotope Tenography."

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1. Ustav pro vyzkum vyzivy lidu v Praze, reditel prof. dr. J. Masek, DrSc. Biofyzikalni ustav fakulty vseobecneho lekarstvi KU v Praze, prednosta doc. dr. Z. Dienstbier, CSc.
(COBALT ISOTOPES) (INTESTINE, SMALL)
(VITAMIN B12) (JEJUNUM) (ILEUM)

ZENKL, V.; ANDRYSEK, O.

Malabsorption (celiac) syndrome with idiopathic hypoproteinemia.
Cesk. pediat. 18 no.10:947-952 O '63.

1. Detska klinika lekarske fakulty hygienicka KU v Praze, prednostka prof. dr. J. Cizkova-Pisarcvicova Biofyzikalni ustav KU v Praze, prednosta doc. dr. Z. Dienstbier.
(CELIAC DISEASE) (BLOOD PROTEIN DISORDERS)
(SERUM ALBUMIN, RADIOIODINATED) (FECES)

ORT, M.; ANDRYSEK, O.

Use of radioisotopes in pediatrics. Cesk. pediat. 19 no.7: 636-639 Jl'64

1. I. detska klinika fakulty detskeho lekarstvi KU [Karlovy university] v Praze (prednosta: prof. dr. J.Svejcar, DrSc.); Biofyzikalni ustav fakulty vseobecneho lekarstvi KU [Karlovy university] v Praze (prednosta: doc. dr. Z.Dienstbier, CSc).

ANDRYSEK, O.; FRIC.P.; KECLIK,M.

Functional examination of the hepatobiliary system with I-131 labelled rose bengal in anicteric patients. Sborn. lek. 66 no.7:193-198 Jl '64

1. Biofyzikalni ustav fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: doc. dr. Z.Dienstbier, CSc.) ; II. vedeckovyzkumne pracoviste pro gastroenterologii fakulty vseobecneho lekarstvi University Karlovy v Praze a interni oddeleni fakultni polikliniky v Praze (vedouci: prof. dr. K. Herfort, DrSc.).

RAKOVIC, M.; ANDRYSEK,O.; TALPOVA,H.

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1. Biofyzikalni ustav fakulty vseobecneho lekarstvi KU v Praze; prednosta: doc.dr.Zd.Dienstbier.

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SCINUCK, O.; ANDRYSEK, O.; ANDRYSKOVA, J.

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1. Vyzkumny ustav experimentalni terapie v Praze (reditel: doc. dr. O.Smahel) a Biofyzikalni ustav fakulty vseobecneho lekarstvi KU [Karlovy university] v Praze (prednosta: doc. dr. Z.Dienstbier).

KECLIK,M.; FRIC,P.; ANDRYSEK,O.; MALY,V.

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1. Biofyzikalni ustav (predneota doc. dr. F. Dientsbier, DrSc) a II Interni klinika (predneota prof. dr. F. Serles, DrSc.) fakulty vseobecneho lekarstvi Karlovy University v Praze.

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1. Biofysikalni ustav fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: doc. dr. Z. Dienstbier); II. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. F. Herles); II. chirurska klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. J. Lhotka) a I. interni klinika fakulty vseobecnheo lekarstvi University Karlovy v Praze (prednosta: prof. dr. V. Hoenig).

ANDRYSEK, O.; ANDRYSKOVA, J.; DIENSTBIER, Z.; JEKLER, J.; JEKLEROVA, J.; SETKA, J.

Isotope examination of the portal circulation. Acta univ. Carol. [med] (Praha): Suppl. 18: 43-48 '64.

1. Biofysikalni ustav fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: doc. dr. Z. Dienstbier); II. chirurgicka klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. J. Lhotka); III. detska klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. O. Vychytil); a II. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. F. Herles).

KECLIK, M.; ANDRYSEK, O.; FRIC.P.

Functional examination of the liver and the biliary system with I-131 labeled bengal red. Acta univ. Carol. [med] (Praha): Suppl. 18 : 49-52 '64.

1. Interni oddeleni fakultni polikliniky a II. vedecko-vyzkumne pracoviste pro gastroenterologii fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. K. Herfort) a Biofysikalni ustav fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: doc. dr. Z. Diensbier).

ANDRYSEK, O.; SETKA, J.; MARATKA, Z.; KRONDL, A.; SKALA, I.; KOCANDRLE, K.

Examination of resorption disorders of the small intestine with radioisotopes. Acta univ. Carol. [med] (Praha): Suppl. 18: 59-62 '64.

1. Biofysikalni ustav fakulty vseobecneho lekarstvi Univeristy Karlovy v Praze (prednosta: doc. dr. Z. Dienstbier); II. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. F. Herles) a II. vnitrni oddeleni nemocnice na Bulovce (primar doc. dr. Z. Maratka); Ustav pro vyzkum vyzivy lidu (reditel: prof. dr. J. Masek).

GREGOR, O.; ANDRYSEK, O.; BEDNAR, B.; VANECKOVA, O., doc. dr.; HANIK, L.; SISTEK, V.

Diagnosis of stomach cancer with P32. Acta univ. Carol. [med] (Praha): Suppl. 18: 69-75 '64.

1. I. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. V. Hoenig); Biofysikalni ustav fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: doc. dr. Z. Dienstbier); I. patologickoanatomicky ustav fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. B. Bednar) a Chirugicke oddeleni fakultni nemocnice II (prednosta: doc. dr. O. Vaneckova).

KUBAT, Z.; ANDRYSEK, O.

Diagnosis of malignant intraocular tumors with P32. Acta univ. Carol. [med] (Praha): Suppl. 18: 77-80 '64.

1. I. ocni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. E. Dienstbier) a Biofysikalni ustav fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: doc. dr. Z. Dienstbier).

ANDRYSEK, O.; ANDRYSKOVA, J.; HERDL,J.; HLEKTA, M.; HRADCOVA, L.; CHYTIL,M.; ORT, M.; RASKA, B.; VAINICEK, J.

Isotope examination methods of the uropoietic system in pediatrics and obstetrics. Acta univ. Carol. [med] (Praha): Suppl. 18: 41-44 '64.

1. Biofysikalni ustav fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: doc. dr. Z. Dienstbier); II. gynekologicko-porodnicka klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. J. Lukas); II. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. F. Herles); IV. detska klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. F. Herles); IV. detska klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. F. Blazek) a I. detska klinika fakulty pediatricke University Karlovy v Praze (prednosta: prof. dr. J. Svejcar).

SETKA, J.; ANDRYSEK, O.; PITHA, J.; SUP.M.

Functional examination of diffuse liver lesions with gammagraphy. Acta univ. Carol. [med] (Praha): Suppl. 18: 53-57 '64.

1. II. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. F. Herles); Biofysikalni ustav fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: doc. dr. Z. Dienstbier); I. patologicko-anatomicky ustav fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. B. Bednar).

BLEKTA,M.; BAKOS,K.; HLAVATY,V.; ANDRYSEK, O.; TRNKOVA,M.; BENDL,J.; VALNICEK,S.; CHYTIL,M.; BENDOVA,L.

Isotope examination methods in obstetrics. Isotope nephrography, measurement of the blood volume with I-131, serum albumin level test with the use of erythrocytes labeled with Cr-51. Cesk. gynek. 30 no.1:122-127 Mr'65.

1. II. gyn.-por. klinika; Biofyzikalni ustav; II.interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze; Statni ustav pro kontrolu leciv v Praze.

ANDRYSEK, O.; ANDRYSKOVA,J.; DIENSTBIER,Z.doc. dr.; JEKLER,J.; JEKLEROVA,J.; SETKA, J.

Isotope methods in the examination of the portal circulation. Cas. lek. cesk. 104 no.10:257-262 12 Mr '65.

1. Biofyzikalni ustav fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta: doc. dr. Z. Dienstbier); II. chirugicka klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta: prof. dr. J. Lhotka); III. detska klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta: prof. dr. O. Vychytil) a II. interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prenosta: prof. dr. F. Herles).

BAKOS, K.; ANDRYSEK, O.; ANDRYSKOVA, J.; BLEKTA, M.; BENDL, J.;
VAJNICEK, S.; CHYTIL, M.

Isotope nephrography in pregnancy and ir late toxemia.
Cas. lek. cesk. 104 no.27/28:745-748 9 Jl '65.

1. Biofyzikalni ustav fakulty vseobecneho lekarstvi Karlovy
University v Praze (prednosta doc. dr. Z. Dienstbier, DrSc.),
II. porod.-gynekol. klinika fakulty vseobecneho lekarstvi
Karlovy University v Praze (prednosta prof. dr. J. Lukas, DrSc.)
a II. interni klinika fakulty vseobecneho lekarstvi Karlovy
University v Praze (prednosta prof. dr. F. Herles, DrSc.).

erences. (Ms. received Apr 66).

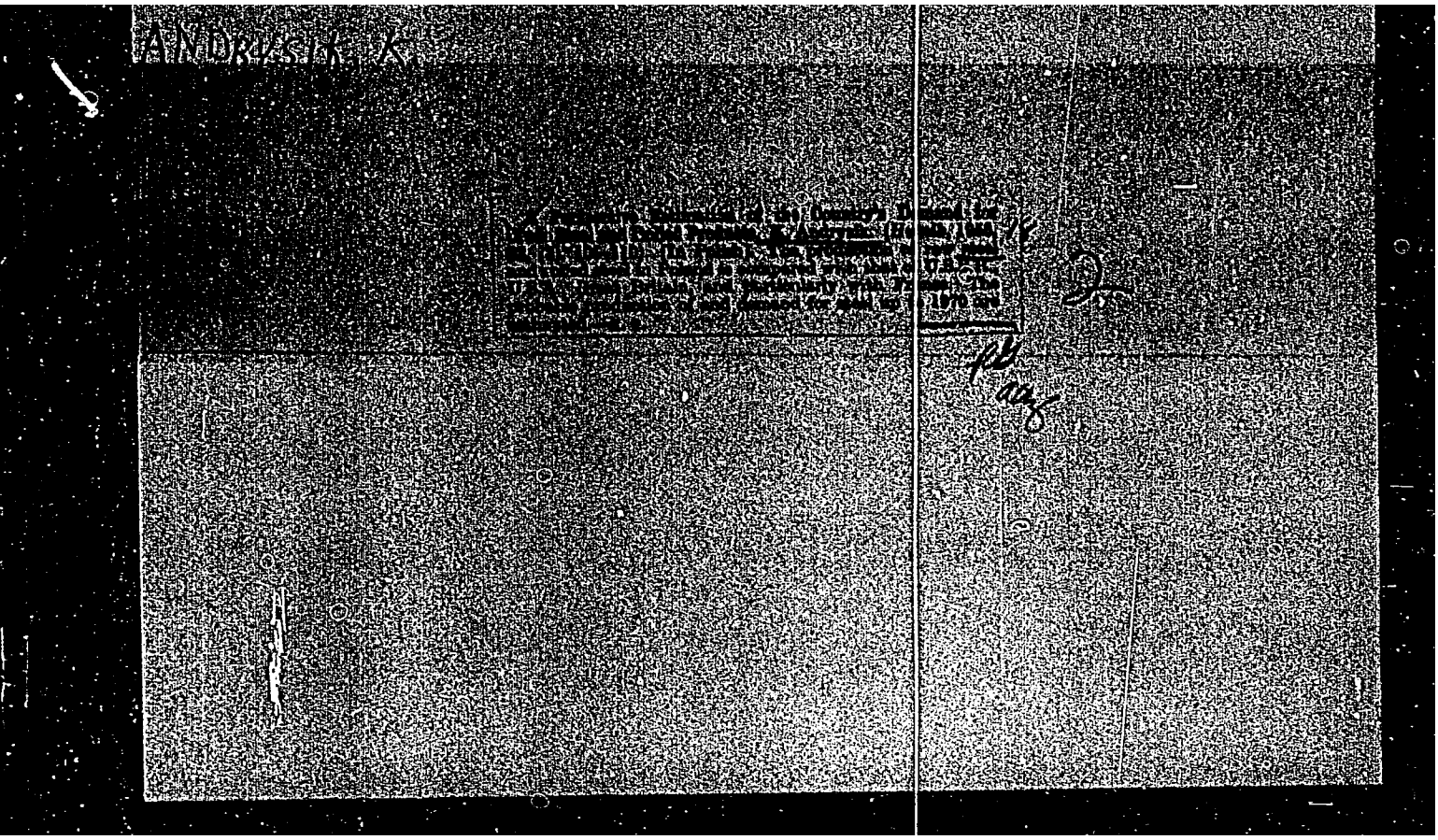
CZECHOSLOVAKIA / GERMANY UDC 612.332.7(:546.59.02)

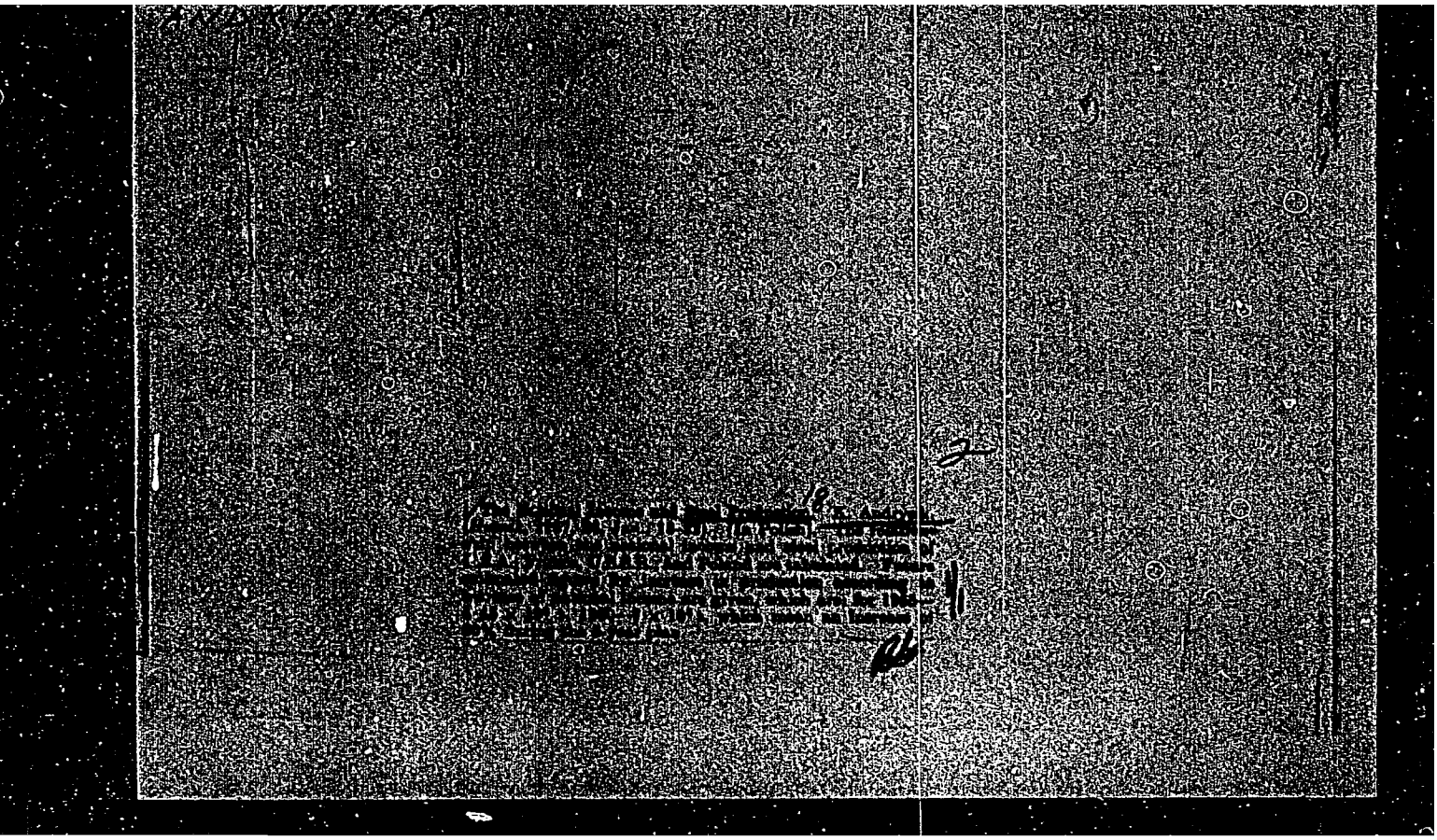
ANDRYSEK, O.; SETKA, J.; GEORGI, P.; GUTZ, H.J.; ALTENBRUNN, H.J.; BERNDT, H.; Biophysical Institute, Faculty of Gen. Med. Charles University (Biofysikalni Ustav Fak. Vseob. Lek. KU), Prague, Chief (Prednosta) Prof Dr Z. DIENSTBIER; 2nd Internal Clinic Fac. Gen. Med. Charles University (II. Interni Klin. Fak. Vseob. Lek. KU), Prague, Chief (Prednosta) Prof Dr F. HERLES; Robert Rossle's Clinic, German Academy of Sciences /Orig. version not given/, Berlin, Chief Prof Dr H. GUMMEL

"Passage of Au^{198} Through the Small Intestine."

Prague, Casopis Lekaru Ceskych, Vol 106, No 8, 24 Feb 67, pp 210 - 213

Abstract /Authors' English summary modified/: Au^{198} is not absorbed in the intestinal tract, it is inert, and when only 0.1 mg is used, it does not irritate the intestinal wall during examination; the passage is checked by repeated scintillography. When administered while fasting per os it takes 2 hrs to reach Bauhin's valve; Ba meal influences the transit time. 2 Figures, 1 Table, 1 Western reference.





ANDRYSKI, K.

The national income and steel production. p. 1[illegible].

(HUTNIK, Vol. 24, No. 10, Jan. 1957, Katowice, Poland.)

SO: Monthly List of East European Accessions (FEAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

ANDRYSEK, O.; SCHUCK, O.; ANDRYSKOVA, J.

The intrarenal distribution of ^{32}P. Physiol. Bohemoslov. 12 no.4:310-312 '63.

1. Institute of Biophysics, Medical Faculty and First Medical Clinic, Charles University, Prague.
(PHOSPHORUS) (KIDNEY) (PHOSPHORUS ISOTOPES)
(RADIOAUTOGRAPHY) (METABOLISM)

SCHUCK, O.; ANDRYSEK, O.; ANDRYSKOVA, J.; LOJDA, Z.

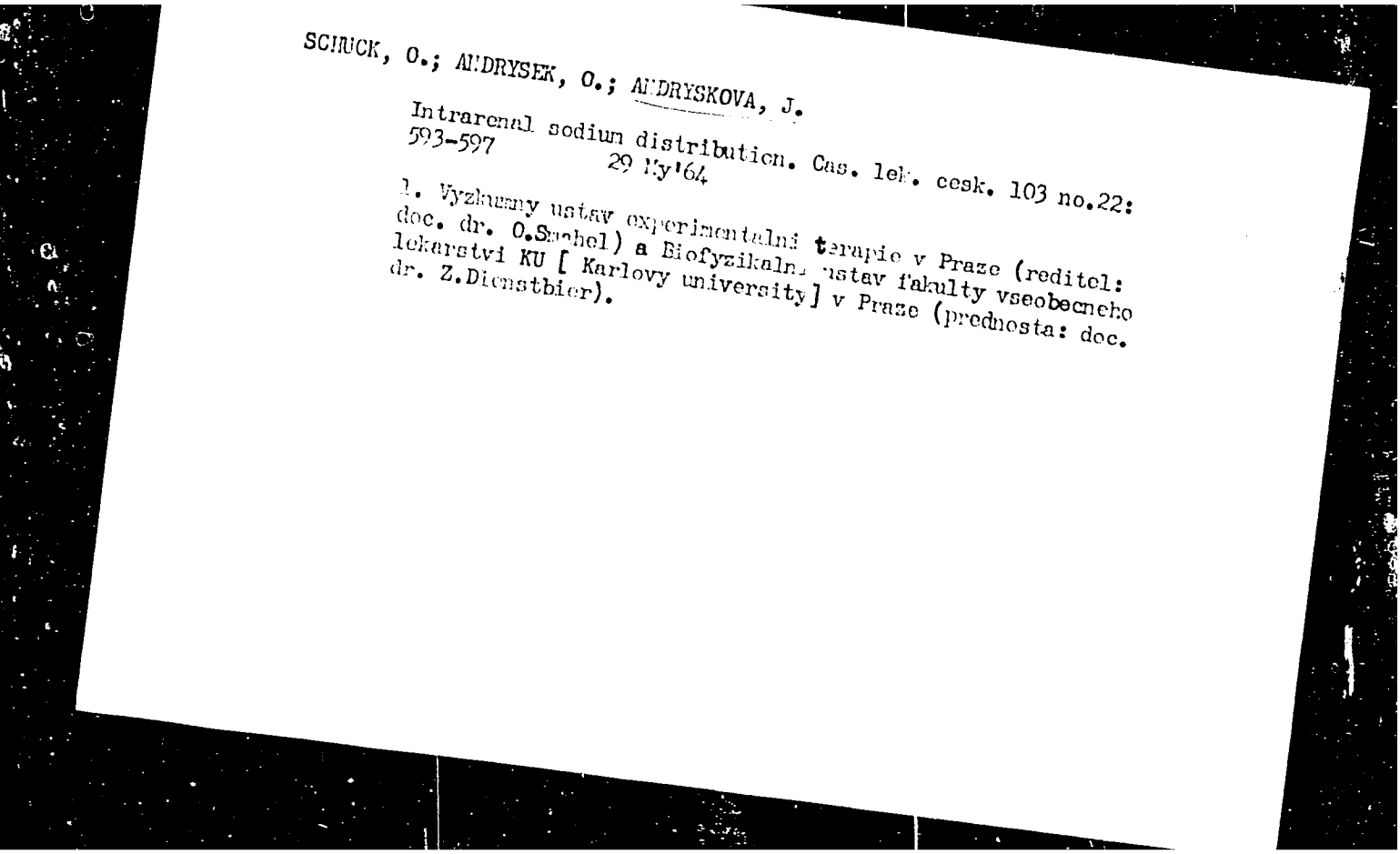
The intrarenal distribution of diodrast^{131} I. Physiol. Bohemoslov. 12 no.4:313-316 '63.

1. First Medical Clinic, Institute of Biophysics, Institute of Histology, Medical Faculty, Charles University, Prague.
(IODOPYRACET) (IODINE) (IODINE ISOTOPES)
(KIDNEY) (RADIOAUTOGRAPHY) (HYPOTENSION)
(METABOLISM)

ANDRYSEK, O.; ANDRYSKOVA, J.; BENDL, J.; BLEKTA, M.; HRADCOVA, L.; CHYTIL, M.; ORT, M.; RASKA, B.; VALNICEK, J.

Isotope examination methods of the uropoietic system in pediatrics and obstetrics. Acta univ. Carol. [med] (Praha): Suppl. 18: 41-44 '64.

1. Biofysikalni ustav fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: doc. dr. Z. Dienstbier); II. gynekologicko-porodnicka klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. J. Lukas); II. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. F. Herles); IV. detska klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. F. Herles); IV. detska klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. F. Blazek) a I. detska klinika fakulty pediatricke University Karlovy v Praze (prednosta: prof. dr. J. Svejcar).



SCHUCK, O.; ANDRYSEK, O.; ANDRYSKOVA, J.

Intrarenal sodium distribution. Cas. lek. cesk. 103 no.22: 593-597 29 My'64

1. Vyzkumny ustav experimentalni terapie v Praze (reditel: doc. dr. O.Suchel) a Biofyzikalni ustav fakulty vseobecneho lekarstvi KU [Karlovy university] v Praze (prednosta: doc. dr. Z.Dienstbier).

ANDRYSEK,O.; SETKA,J.; PITHA,J.; SUP,M.; ANDRYSKOVA,J.

The value of gammagraphy in diffuse lesions of the liver.
Rev. czech. med. 10 no.1:8-16 '64

1. Biophysical Institute, Medical Faculty, Charles University, Prague (director: doc. Z Dienstbier, M.D., C.Sc.); Second Medical Clinic, Charles University, Prague (director: prof. F.Herles, M.D., Dr.Sc.) and First Institute of Pathology, Charles University, Prague (director: prof. B.Bednar, M.D., Dr.Sc.).

*

ANDRYSEK, O.; ANDRYSKOVA, J.; DIENSTBIER, Z.; JEKLER, J.; JEKLEROVA, J.; SETKA, J.

Isotope examination of the portal circulation. Acta univ. Carol. [med] (Praha): Suppl. 18: 45-48 '64.

1. Biofysikalni ustav fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: doc. dr. Z. Dienstbier); II. chirurgicka klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. J. Lhotka); III. detska klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. O. Vychytil); a II. interni klinika fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta: prof. dr. F. Herles).

ANDRYSEK, O.; ANDRYSKOVA,J.; DIENSTBIER,Z.doc. dr.; JEKLER,J.; JEKLEROVA,J.; SETKA, J.

Isotope methods in the examination of the portal circulation. Cas. lek. cesk. 104 no.10:257-262 12 Mr '65.

1. Biofyzikalni ustav fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta: doc. dr. Z. Dienstbier); II. chirugicka klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta: prof. dr. J. Lhotka); III. detska klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta: prof. dr. O. Vychytil) a II. interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prenosta: prof. dr. F. Herles).

BAKOS, K.; ANDRYSEK, O.; ANDRYSKOVA, J.; BLEKTA, M.; BENDL, J.; VALNICEK, S.; CHYTIL, M.

Isotope nephrography in pregnancy and in late toxemia.
Cas. lek. cesk. 104 no.27/28:745-748 9 Jl '65.

1. Biofyzikalni ustav fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta doc. dr. Z. Dienstbier, DrSc.), II. porod.-gynekol. klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta prof. dr. J. Lukas, DrSc.) a II. interni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta prof. dr. F. Herles, DrSc.).

KORNIYENKO,P.M.; GLOZMAN,I.A.; ANDRYUKHI,I.Ya.; ZHARKOV,I.N.

Small-size clay slabs for wall facings. Rats. i izobr.predl. v stroi. no.108:24-25 '55. (MLRA 8:10)
(Walls)

ANDRYUKIN, A.A., kand.med. nauk (Moskva)

Coarctation of the aorta. Med. sestra 22 no.11:23-28 N'63 (MIRA 16:12)

1. Iz Instituta terapii AMN SSSR.

ANDRYUKHIN, V.S.; FEDULIN, L.Ye.; SHKURUPIY, P.L.

Chain pusher. Gor. zhur. no.9:74 S '63. (MIRA 16:10)

ANDRYUKHIN, V.S., inzhener; IGNATOV, I.F., inzhener; KRAYLOVSKIY, I.A.

Technique of hauling cars on the surface of coal mines. Mekh.trud. rab. 11 no.3:30-31 Mr '57. (MLRA 10:5)
(Coal handling machinery)

ANDRYUKHIN, V.S., gornyy inzh.-mekhanik

New equipment unit and the automatic control of car haulage to the surface of mines. Ugol' Ukr. 4 no.10:16-18 O '60. (MIRA 13:10)

1. Dongiprouglemash.
(Mine railroads--Cars) (Automatic control)

ANDRYUKHIN, V.S., gornyy inzh.-mekhanik

Complex haulage equipment system with stationary dumpers.
Ugol' Ukr. 6 no.8:32-33 Ag '62. (MIRA 15:11)

1. Dongiprouglemash.
(Donets Basin—Mine haulage)

ANDRYUKHINA, E. D.

24(3) SOV/48-23-8-13/25

AUTHORS: Vasil'yeva, M. Ya., Zaytsev, A. A., Andryukhina, E. D.

TITLE: Waves of Charge Density Oscillations in a Cylindrical Plasma

PERIODICAL: Izvestiya Akademii nauk SSSR. Seriya fizicheskaya, 1959, Vol 23, Nr 8, pp 995-998 (USSR)

ABSTRACT: For acoustical waves which may develop in an ionized gas and for the associated electrostatic oscillations of positive ions, equation (1) is given in order to calculate the frequency of ionic oscillations. As shown by the present paper, wavelike processes may be observed in the plasma of the positive column at low gas pressure migrating from the cathode to the anode. Ionic oscillations may be observed only if anode oscillation is absent. The following problems are discussed here: 1) Does a low limit of pressure exist where no anode zone is present? 2) Does any form of wavelike processes exist in columns without anode zone? If at all, of what kind is their characteristics? The experimental arrangement is shortly described to determine the oscillations by means of a photoelectronic multiplier and an oscilloscope. It was found that the anode zone in helium disappears spontaneously at a pressure of below 0.9 torr and

Card 1/3

Waves of Charge Density Oscillations in a Cylindrical Plasma

at currents of less than 60-120 ma. The dependence of the brightness oscillation amplitudes in the positive column on the frequency may mean the presence of a resonance frequency (Fig 1). Table 1 shows the length and resonance of the zones and, by calculation from them, the propagation velocities of the anode zone in helium at different pressures and for different tube diameters. It was found that for defined conditions in helium (0.01 torr) the positive zone expands throughout the tube, and wave processes may be observed which migrate from the cathode to the anode. The results of measurement summarized in table 2 show that frequency enlargening diminishes the length of the cathode zone. The temperature of 205.10^3 °K in helium at a pressure of 0.01 torr and a current of 30 ma was determined by means of a Langmuir search electrode. On the basis of these data the velocity of waves was calculated. Finally, similar experiments on argon and xenon are described with the disappearance of the anode zone at pressures of $3\text{-}4.10^{-3}$ torr. The temperature amounted to 84.10^3 °K under the above conditions. There are 1 figure, 2 tables, and 6 ref-

Card 2/3

Waves of Charge Density Oscillations in a Cylindrical Plasma

erences, 2 of which are Soviet.

ASSOCIATION: Moskovskiy gos. universitet im. M. V. Lomonosova, Fizicheskiy fakul'tet (Moscow State University imeni M. V. Lomonosov, Department of Physics)

81681

24.2120
10.2000(A)

S/057/60/030/05/10/014
B012/B056

AUTHORS: Andryukhina, E. D., Grebenshchikov, S. Ye., Rabinovich, M.S., Rayzer, M. D., Safronov, A. Ya., Shpigel', I. S.

TITLE: Some Characteristic Features of Inductive Gas Discharges

PERIODICAL: Zhurnal tekhnicheskoy fiziki, 1960, Vol. 30, No. 5, pp. 529 - 538

TEXT: The present paper was read at the 4th International Conference on ionization processes held at Upsala in 1959. The authors carried out experiments for the purpose of explaining the influence exerted by some phenomena upon the dynamics of the plasma, which are described. The experiments were carried out in axially symmetric homogeneous and non-homogeneous magnetic fields within a wide frequency range under various ratios between the inductive resistance and the effective resistance of the plasma. The following of the phenomena mentioned were investigated: the "capture" of the magnetic field by the moving plasma, the skin effect, and the shock waves. Fig. 1 shows the oscillogram of the complete current in a discharge in hydrogen, and Fig. 2 shows a slow-motion picture of the

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Some Characteristic Features of Inductive Gas Discharges

S/057/60/030/05/10/014
BC12/B056

discharge. Measurements of current distribution showed that during the first half-period of the field variation a re-distribution of the current according to the vacuum chamber radius takes place. In Fig. 3a the device for investigating the discharge in an axially symmetric field, the so-called "magnetic mirror" is shown schematically. Fig. 3b shows the dependence of the current generated by special windings upon radius R and distance z. From the oscillograms in Fig. 4 it may be seen that the current in the gas during the first half-period of the field change is due only to the effective resistance of the plasma. The current polarity reversal shown on the oscillograms and the instantaneous current distribution in Fig. 6a indicating the existence of a considerable return current prove the "capture" of part of the magnetic flux by the plasma. The investigations of the skin effect and of the shock waves described showed that in the here investigated configurations of magnetic systems and vacuum chambers a cylindrical shock wave is formed in the breakdown in the range of $5 \cdot 10^{-1} \div 10^{-2}$ torr. During its motion it heats the gas and partly ionizes it. With propagation of the wave the conductivity range increases, and the currents generated within this range may, in the case of a skin effect, compensate the entire exterior magnetic field in the larger part

Card 2/3

Some Characteristic Features of Inductive Gas Discharges

S/057/60/030/05/10/014
B012/B056

of the chamber. At high discharge frequencies (300÷700 kc/s) a sufficiently high conductivity of the plasma is necessary in order that a skin layer having a thickness that is smaller than the height of the chamber, may occur. Such a conductivity is attained after the passage of 2 to 3 shock waves through the vacuum. At frequencies of 60-100 kc/s the thickness of the skin layer is greater than the height of the vacuum chambers used in the present investigation and some other papers (Refs. 4 and 5), and no effects were observed in the distribution of the current on the walls and also no screening of the outer field. Evaluations show that in the here described experiments a qualitative relation

$\delta \sim \omega^{-1/2}$ is observed. No more accurate data could be found. δ is the thickness of the skin layer, ω - the frequency of the external field.

Academician V. I. Veksler is thanked for discussing the paper with the authors. There are 13 figures and 8 references: 5 Soviet and 3 English.

ASSOCIATION: Fizicheskiy institut im. P. N. Lebedeva AN SSSR Moskva (Institute of Physics imeni P. N. Lebedev of the AS USSR, Moscow)

SUBMITTED: December 4, 1959

Card 3/3

L 10404-67
ACC NR: AT603303/4

was 0.32 ohms, and the period of oscillation under oscillation conditions was 3.2 microseconds. Based on the experimental data, a table shows the dependence of the parameters of the plasma on the operating conditions of the source under aperiodic conditions, and a second table gives the same data for oscillating conditions. Orig. art. has: 8 figures and 2 tables.

SUB CODE: 20/ SUBM DATE: none

Card 2/2

20711
S/120/61/000/001/053/062
E032/E114

26.2358

AUTHORS: Andryukhina, E.D., Safronov, A.Ya., and Shpigel', I.S.

TITLE: Characteristics of a Fast Vacuum Valve

PERIODICAL: Pribory i tekhnika eksperimenta, 1961, No.1, pp.174-177

TEXT: The last of the present authors has described an electrodynamic vacuum valve in Ref.1. This valve is illustrated schematically in Fig.1. In this figure the disc 2 is brought into motion by the forces F_i due to the interaction between a current pulse in the coil 3 and the current induced in the disc. As soon as the disc rises, gas passes from the region 5 into the high vacuum region 1 and the disc returns under the action of the force F_p which is due to the pressure of the gas. In this way an adjustable gas "pulse" can be produced. The present paper reports a simple theory of the valve and some of its experimentally determined characteristics. The pressure distribution on the high vacuum side was measured with the aid of a miniature ionization gauge, having a working volume of 0.2 cm^3. It was found that a directed motion of the gas can be obtained with sufficiently long channels, the gas velocity being higher than the velocity of sound.

Card 1/2

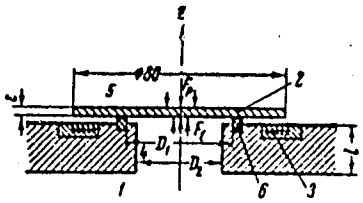
20711

S/120/61/000/001/053/062

Characteristics of a Fast Vacuum Valve. E032/E.14

Space and time gas pressure distributions are given.
There are 9 figures and 5 references: 4 Soviet and 1 non-Soviet.
SUBMITTED: December 14, 1959

Fig. 1



Card 2/2

L 60355-65 EWT(l)/EWT(m)/EPF(n)-2/EWG(m)/EPA(w)-2/EWI(t)/EWP(b) PAB/
Pom/Pi-4 IJP(c) JD/AT

ACCESSION NR: AP5018303 UR/0057/65/035/007/1242/1249
533.9

AUTHOR: Andryukhina, E. D.; Shpigel', I. S.

TITLE: Investigation of a titanium plasma source

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 35, no. 7, 1965, 1242-1249

TOPIC TAGS: plasma source, titanium, hydrogen plasma

ABSTRACT: The authors have investigated the operation under different conditions of a titanium plasma source of the type described by F.H.Coensgen, W.F. Cummings, and A.B.Sherman (Phys. Fluids, 2 (4), 350, 1959) in order to determine how to improve the purity of the hydrogen plasma obtainable from it. The source contained a 50 mm stack of 20 titanium disks 19 mm in diameter which were outgassed and saturated with hydrogen. A 1.6 microfarad capacitor charged to 10 kV or less was discharged through the stack. The period of the discharge circuit was 3.9 microsec. The plasma was analyzed with a time of flight mass spectrometer provided with an electrostatic gate so that the plasma could be sampled at different parts of the cycle, and with a large (10 cm diameter) three-electrode probe. It was found that the hydrogen content of the plasma jet increased with decreasing duration of the current pulse. The energy of the hydro-

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L 60355-65

ACCESSION NR: AP5018303

genions was considerably greater than that of the impurity ions, and the transverse velocity of the hydrogen ions was an order of magnitude less than that of the impurity ions. There results, accordingly, a self-purification of the plasma as it travels from the source. There were two peaks in the energy distribution of the hydrogen ions; at 25 cm from the source the high energy group contained 30% of the total number of protons produced by the source. "In conclusion, the authors express their sincere gratitude to S.N.Popov, who developed the present model of the source, and also to N.I.Alinovskiy for assistance in performing some of the experiments and O.O.Colovanov for participating in setting up the apparatus." Orig. art. has: 1 formula, 6 figures, and 2 tables.

ASSOCIATION: Fizicheskiy institut im. P.N.Lebedeva AN SSSR, Moscow (Physics Institute, AN SSSR)

SUBMITTED: 08Aug6 ENCL: 00 SUB CODE: ME

NO REF SOV: 001 OTHER: 003

Card 2/2

L 04610-67 EWT(l)/EWI(m)/EWP(t)/ETI IJP(c) JD/AT

ACC NR: AP6033416 SOURCE CODE: UR/0057/66/036/010/1816/1818

67
B

AUTHOR: Andryukhina, E. D.; Shpigel', I. S.

ORG: Physics Institute im. P. N. Lebedev, AN SSSR, Moscow (Fizicheskiy institut AN SSSR)

27

TITLE: The influence of a strong magnetic field on the operation of a titanium plasma source

SOURCE: Zhurnal tekhnicheskoy fiziki, v. 36, no. 10, 1966, 1816-1818

TOPIC TAGS: magnetic field plasma effect, magnetic effect, plasma source, plasma electromagnetics, titanium

ABSTRACT: Ionic current oscillograms were used to study the operating features of a titanium plasma source in the presence of a magnetic field. The magnetic field effects were found to depend on the polarity of the applied voltage. With a negative polarity of the output plate, the total amount of the plasma is reduced. When the polarity is reversed, the velocity of the plasma front and the plasma's density both increase, while the velocity of the front becomes dependent on the applied voltage. Mass-spectrometer measurements have shown that in the presence of a strong magnetic field the energies of H^+ and H^+_2 are higher than if no field is applied. Another effect of the magnetic field is that it eliminates single-charged and heavy ions and

Card 1/2 UDC: 533.9.03

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ACC NR: AP6033416

reduces admixtures. The effect of the magnetic field is explained by the reduction of the diffusion of the plasma in the instrument's channel and, consequently, the reduction of gas generation on the titanium surface. Orig. art. has: 3 figures.

SUB CODE: 20/ SUBM DATE: 29Nov65/ ORIG REF: 002/ OTH REF: 001/ ATD PRESS: 5100

Card 2/2 egh

ANDRYUKHINA, M., Geroy Sotsialisticheskogo Truda, sterzhnevshchitsa

In step with our time. Sov. profsoiuzy 17 no.14:20-21 Jl '61.
(MIRA 14:7)

1. Profgruporg sterzhnevogo otdela fasonnoliteynogo tsekha Bezhetskogo staleliteynogo zavoda, g. Bryansk.
(Bryansk--Foundries) (Socialist competition)
(Trade unions)

ANDRYUKHINA, T. D.

"Investigation of the Viscosity of Highly Aluminous, Slightly Alkaline, and Nonalkaline Glasses in the Temperature Interval From Softening to Fritting." Cand Tech Sci, All-Union Sci Res Inst of Glass, Ministry of Construction Materials Industry, Moscow, 1954. (KL, No 7, Feb 55)

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

SOV/124-58-4-4904

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 4, p 168 (USSR)

AUTHORS: Okhotin, M. V., Andryukhina, T. D.

TITLE: Viscosity Determination of Silicate Glasses in the Temperature Interval Between Softening and Anneal by the Method of the Twisted Rod (Opredeleniye vyazkosti silikatnykh stekol v intervale temperatur razmyagcheniya i otzhiga po metodu zakruchivaniya sterzhnya)

PERIODICAL: Tr. Vses. n.-i. in-t stekla, 1957, Nr 37, pp 77-84

ABSTRACT: Bibliographic entry

1. Glass--Properties 2. Glass--Viscosity 3. Glass--Temperature factors

Card 1/1

ANDRYUKHINA, T.D., DYAKIVSKIY, S.I., NIKOLAYEV, N.A.

Tempering glass insulators. Stek. i ker. 17 no.6:25-28 Je '60.
(MIRA13:6)
(Electric insulators and insulations--Testing)

NIKOLAYEV, N.A.; ANDRYUKHINA, T.D.; VESELYY, V.A.; DYAKIVSKIY, S.I.

Line suspension insulators made of glass. Elektrichestvo no.2: 41-46 F '60. (MIRA 13:5)

1. L'vovskiy politekhnicheskiy institut.
(Electric insulators and insulation)

NIKOLAYEV, N.A., kand.tekhn.nauk; ANDRYUKHINA, T.D., kand.tekhn.nauk; VESELYY, V.A., inzh.; DYAKIVSKIY, S.I.

Features of tempered glass suspension insulators for electric power transmission lines. Elek. sta. 31 no.12:64-70 D '60. (MIRA 14:5)

(Electric insulators and insulation)
(Electric lines--Overhead)

NIKOLAYEV, N.A., kand.tekhn.nauk; ANDRYUKHINA, T.D., kand.tekhn.nauk;
VESELYY, V.A., inzh.; DYAKIVSKIY, S.I.

Hard-glass suspension insulators for areas with electrically conducting percipitation. Elektrichestvo no.10:68 O '60.
(MIRA 14:9)

1. L'vovskiy politekhnicheskiy institut.
(Electric insulators and insulation)

34159

S/196/62/000/002/006/023
E194/E155

15.7000

AUTHORS: Nikolayev, N.A., Andryukhina, T.D., Veselyy, V.A. and Dyakivskiy, S.I.

TITLE: The manufacture of overhead-line suspension insulators of hardened glass

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika, no.2, 1962, 6-7, abstract 2B 35. (Vestn. elektroprom-sti, no.9, 1961, 54-56).

TEXT: The composition of glass used for insulators is given. The glass is melted in a regenerative furnace burning natural gas, with a flame shaped like a horseshoe. The amount of glass is about 200 kg per m^2 of furnace area, so that it was possible to maintain a comparatively low temperature of 1410-1420 °C. Appropriate quantities of hot glass are delivered to cast-iron moulds for pressing. At this instant the temperature of the glass is about 1020 °C. When the glass part of the insulator has been pressed, the inner hollow of the head is of conical shape and is then shaped by a special device. The time cycle for forming a glass insulator part, including mould cooling time, is 1.5 min.

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34159
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E194/E155

The manufacture of overhead-line ...

Temperature equalisation and heating for hardening is carried out in a conveyor furnace for 15 minutes with a gas temperature of 680 °C. The hot glass parts are then delivered for hardening to air-cooled machines with eight spindles. After hardening, the thermal resistance of hardened parts of insulator ПС-4.5 (PS-4.5) increases from 35 °C (in the unfired condition) to 200 °C, and the mechanical strength increases from 3.0-4.0 up to 10 tons. It is denied that slight damage to the surface layer of the hardened glass leads to complete failure of the part. After hardening, the glass parts are submitted to thermal shock tests with positive and negative temperatures. Insulator strings consisting of 18-22 units are subjected to a one-minute tensile load of 3.6 tons (types PS-4.5; ПСУ-4.5 (PSU-4.5), ПСГ-4.5 (PSG-4.5); 5.5 tons for type ПС-8.5 (PS-8.5); and 7 tons for type ПС-11 (PS-11). The insulators are then exposed for 3 minutes to a continuous flow of sparks which do not form an arc. The insulator fittings are 40-50% lighter than those for porcelain insulators. 2 illustrations, 5 literature references.

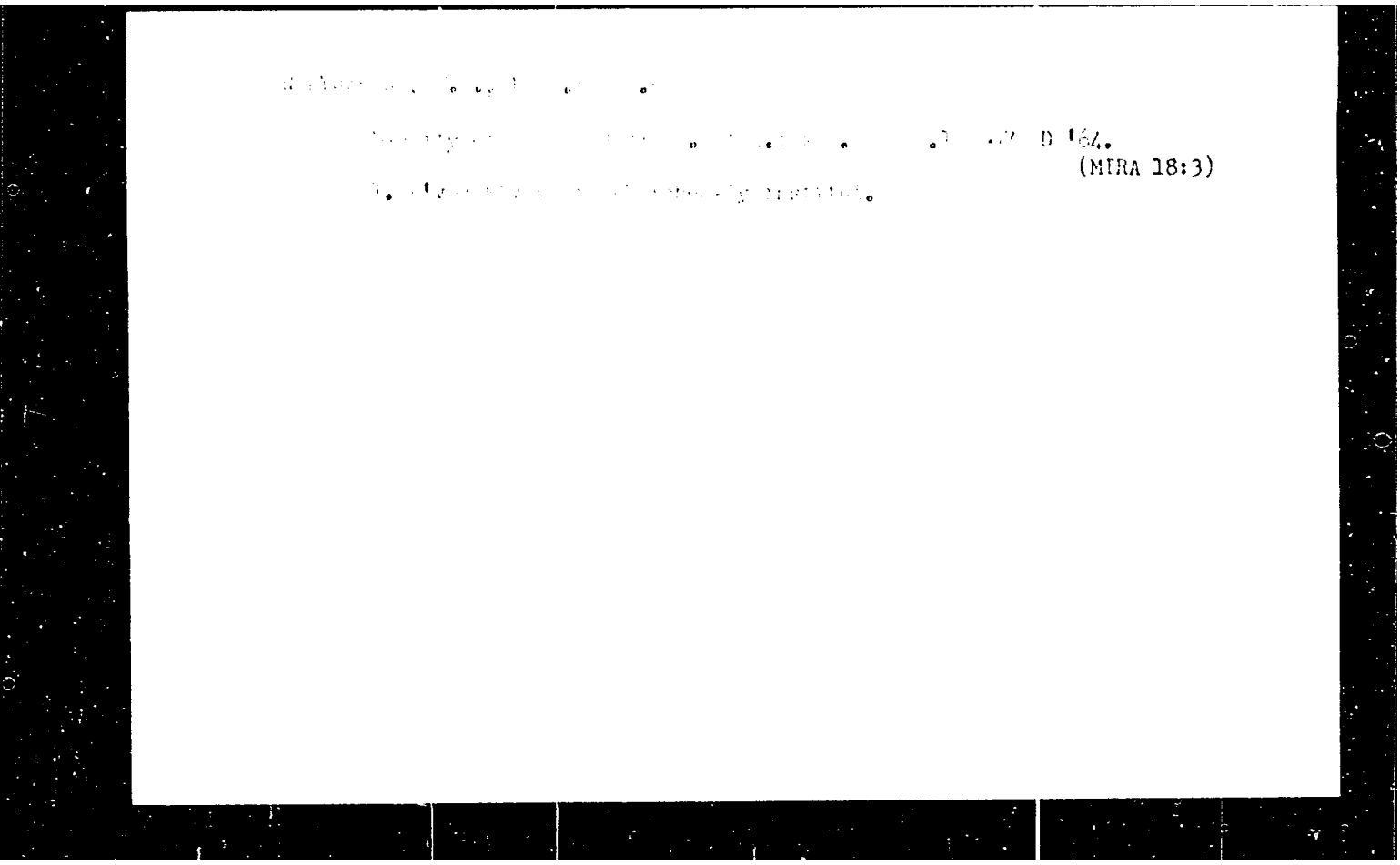
Card 2/2 [Abstractor's note: Complete translation.]

ANDRYUKHINA, T. D., kand. tekhn. nauk; NIKOLAYEV, N. A., kand. tekhn. nauk

Special features of producing and checking tempered glass parts of overhead line insulators. Stek. i ker. 20 no.3:13-16 Mr '63. (MIRA 16:4)

1. L'vovskiy politekhnicheskiy institut.

(Electric insulators and insulation)
(Glass—Testing)



(MIRA 18:3)

ANDRYUKIN, A. A. (Moskva)

Level of arterial pressure and the frequency of hypertension in workers in noisy plants. Gig. truda i prof. zab. no.12:11-17 '61. (MIRA 14:12)

1. Institut terapii AMN SSSR.

(HYPERTENSION) (OCCUPATIONAL DISEASES)
(NOISE—PHYSIOLOGICAL EFFECT)

ANDRYUKHIN, I.Ya., inzh.

Automatic readjustment device for the 1722 semiautomatic hydraulic duplicating lathe. Mashinostroenie no.1:31-36 Ja-F '62. (MIRA 15:2)

1. Moskovskiy Vsesoyuznyy zaochnyy politekhnicheskiy institut.
(Lathes)

ANDRYUNIN, A.A.; POYARKOV, V.A.

Filling cracks in glued plywood. Der.prom.4 no.8:24 Ag '55.
(MLRA 8:10)

1. Fanernyy kombinat "Krasnyy yakor'"
(Plywood)

ANDRYUNIN, A.A., inzh., TOSHCHAKOVA, Ye.M., inzh., ANDRYUNINA, K.N., inzh.

New technology of gluing plywood with phenol-formaldehyde resins.
Der.prom. 9 no.6:23-24 Je '60. (MIRA 13:8)

1. Lyubanskiy fanernyy zavod.
(Plywood) (Gluing)

ANDRYUNIN, A.M.; MAKSIMOV, N.I.

Automatic pumping out of water from quenching stations.
Sbor. rats. predl. vnedr. v proizv. no.2:49-50 '61.
(MIRA 14:7)

1. Magnitorgorskiy metallurgicheskiy kombinat.
(Coke industry)

ANDRYUNINA, K.N.; LUKINA, T.A.; GREBENKIN, A.R.

Gluing FK veneer with MFC-1 resin not processed in the vacuum.
Der.prom.5 no.9:19-20 S '56. (MLRA 9:10)

1.Fanernyy zavod "Krasnyy Yakor'."
(Veneers and veneering) (Gluing)

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1. Lyubanskiy fanernyy zavod.
(Plywood) (Gluing)

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(Hardboard)

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