

HERLING, C. (Bucuresti); UDRISTE, Constantin; PREDESCU Stefan (Slatina); Pirsan, Liviu (Bucuresti); BERDAN, C.; IONESCU-TIU, C.; IONESCU, Florica H. (Bucuresti); FILIPOIU, Al. (Buzau); GEORGESCU, George (Bucuresti); SANDULACHE, C., prof. (Negresti, Iasi); MORTUN, E.; SCHEFFEL, Gabriela (Cimpulung); TEODORESCU, I. prof. (Galati); SIGLOVAN, I. (Petrosani); ACU, Dumitru (Cluj); GRECU, Eftimie (Bucuresti); PAUN, N., prof. (Rimnicu Vilcea); GHEORGHIU, Adrian (Bucuresti); DUMITREASA, P., prof. (Cluj); GEORGESCU, Corneliu (Craiova); BOBANCU, V. (Bucuresti); BANESCU, Crigore, prof. (Cimpina); OPREA, Gh. (Filtiasi); POPESCU, Ioan M. Bucuresti); Serb, Ion (Lugoj)

Proposed problems. Gaz mat B 16 no.4:172-177 Ap '65.

L 42226-66 EWP(t)/ETI IJP(c) JD

ACC NR: AP6031574

SOURCE CODE: RU/0003/66/017/001/0045/0046

AUTHOR: Ionescu, Fl.

19  
8

ORG: none

TITLE: Nephelometric determination of hydrochloric acid in an industrial atmosphere

SOURCE: Revista de chimie, v. 17, no. 1, 1966, 45-46

TOPIC TAGS: hydrochloric acid, silver nitrate

ABSTRACT: The author elaborated a nephelometric method for the determination of hydrochloric acid, based on the reaction of the chloride ion with silver nitrate. The error of the method is  $\pm 0.61$  percent. Orig. art. has: 2 figures and 2 tables. [JPRS]

SUB CODE: 07 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 001

Card 1/1

*llh*

0919 0259

*IONESCU, G.*

IMREH, I.; MISZAROS, N.; ~~IONESCU, G.~~

Galena and blende in the Morlaca and Hód's limestone. Studia  
Univ E-B S. Geol-Geog 8 no.2:223-35 '61

H

COUNTRY : RUMANIA  
 CATEGORY : Chemical Technology. Chemical Products and Their Uses. Part 3. Explosives. Pyrotechnical\*  
 ABS. JOUR. : RZKhim., No. 1 1960, No. 2350  
 AUTHOR : Prehden, O.; Ionescu, G.  
 INST. :  
 TITLE : Method for Rapid Analysis of Nitrating Mixtures Under Industrial Conditions  
 ORIG. PUB. : Rev. chim., 1958, 9, No 6, 311-313  
 ABSTRACT : The method which is being proposed for the rapid analysis of nitrating mixtures (NM) is based on the determination of  $H_2SO_4$  (I) by means of titration with  $Pb(NO_3)_2$  solution (II) in aqueous acetone medium in the presence of dithizon (III) as indicator. In aqueous acetone, the solubility of  $PbSO_4$  is very small. The

\*Compounds. Chemical Defense Agents

CARD: 1/5

H

APPROVED FOR RELEASE: Thursday, July 27, 2000      CIA-RDP86-00513R0005 71C

COUNTRY :  
 CATEGORY :  
 ABS. JOUR. : RZKhim., No. 1 1960, No. 2350  
 AUTHOR :  
 INST. :  
 TITLE :  
 ORIG. PUB. :  
 ABSTRACT : excess of II gives, with III, a red coloring. Thereafter, the general acidity of NM is found by titrating with alkali and, knowing the content of I, the content of  $HNO_3$  (IV) is calculated. The exact weighed portion (~1 ml) of NM, containing 16-50%  $HNO_3$  and 45-80%  $H_2SO_4$ , is diluted with water in a measuring flask up to 200-250 ml. A part of this solution, containing 0.2-0.4 meq of sulfate ion, is diluted

CARD: 2/5

H-76

PANAITIDE, C., ing.; MARCU, Gh., ing.; IONESCU, Gh.; RADU, N.; PAVEL, D.  
VASILESCU, P., ing.; ROSU, A., ing.; PAVEL, M., ing.; ENEDI, A.;  
MIHAI, Gh.; SANDULESCU, M., ing.; AVACHIAN, A., ing.; ANDREICOVICI,  
Gh., ing.; UNTERFINGER, E., ing.

New technology in combed cotton spinning for improving yarn  
quality. Ind text Rum 14 no.10:448-450 S '63.

1. De la Filatura romineasca de bumbac (for Panaitide, Marcu,  
Ionescu, Radu, Pavel, D., Vasilescu, Rosu, Pavel, M., Enedi,  
Mihai, Sandilescu).
2. De la Institutul de cercetari textile (for Avachian,  
Andreicovici, Unterfinger).

VOYKULESKU, M. [Voilescu, M.]; NOYMAN, M.; IONESCU, G. [Ionescu, G.];  
VALERIU, Anna; KHORODNICHANU, Teya [Horodnicianu, T.]

Severe and fatal cases induced by Sh. Sonnei. Zhur.mikrobiol.epid,  
i immun. 30 no.7:57-59 J1 '59. (MIRA 12:11)

1. Iz kliniki infektsionnykh bolesney Kolentina (Bukharest).  
(DYSENTERY BACILLIARY compl.)

IONESCU, G.

Ecologic phagobacterial relations in various natural media -  
water, mud, soil, plants - and their interpretation. Rumanian  
M. Rev. 4 no.1:21-23 Ja-Mr '60.

1. Institute of Hygiene and Public Health, Bucharest.  
(BACTERIOPHAGE)

ROMANIA

ANDRONESCU, M., MD; ARESTEANU, L., MD; BULIGESCU, I., MD; COLITA, D., MD;  
DEMIRIAN, N., MD; IONESCU, Genevieve, MD; IONIȚA, C., MD; MARINESCU,  
N., MD; MOLDOVAN, T., MD; PRUNESCU, C., Lecturer; SEROPIAN, E., MD;  
STIGLET, C., MD; SUCIU, D., MD; VASILESCU, G., MD.

Medical Clinic of the "Carol Davila" Hospital" (Clinica medicala  
a Spitalului "Carol Davila") - (for all)

Bucharest, Viata Medicala, No 3, 1 Feb 64, pp 167-181

"Data Concerning Dispensary Supervision and Treatment of Epidemic  
Hepatitis in a Section of the town of Bucharest."

(14)



IONESCU, Gh.

RUMANIA

MD

Bucharest, Travaux de l'Institut de Sante Publique A l'Univ. de Medicine et de Pharmacie de Bucarest, No 4, July-August 62, pp 311-320.

"Research on the Pollution of Air with Microorganisms and Dust in Hospitals." (Paper Compiled at the Institute of Public Health and Hygiene of the RPR, Section of Communal Hygiene.)

Co-authors:

BARNEA, H. MD.

SIMIONESCU, Cornelia, MD.

GROPSIANU, Z.; IONESCU, Gh.; MEDELEANU, Minodora

Contribution to the calculation of absorption columns of maleic anhydride in water. Studii chim Timisoara 10 no.2: 203-209 J1-D'63.

APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00051871

710

IONESCU, Gh., ing.

Chemistry of high pressures and temperatures. St si Ten Buc 14,  
no.4:40-41 Ap '62

*IONESCU, GH.*

Rumania/Pharmacology. Toxicology. Anticoagulants V-5

Abs Jour : Ref Zhur-Biol., No 5, 1958, No 23380

Author : Ionescu Gh., Stancu D., Chiupeanu N.

Inst : Not given

Title : An Evaluation of Hemostatic Action of a Rumanian Drug Thrombin in Capillary Haemorrhages.

Orig Pub : Probleme zootehn. shi veterin. 1955, No 5, 73076

Abstract : Rumanian thrombin is a derivative from the group of acridine compounds. It was administered in the form of a 2% suspension in a physiological solution or serum on the basis of 6.6mg/100kg. It induced a precise change in the period of coagulation; it had no effect in the venipunctic doses on temperature, respiration and pulse. Maximum effect took place three hours following administration. It may be used as a local hemostatic in operational wounds.

Card 1/1

*IONESCU, G.*

RUMANIA/Human and Animal Physiology - Internal Secretion.

V-9

Abs Jour : Ref Zhur - Biol., No 1, 1958, 4246

Author : C. Parhon, F. Istrati, G. Ionescu

Inst : Academy of the Rumanian Popular Republic

Title : Factors Influencing the Compensatory Hypertrophy of the Adrenal Glands. IV. Adrenal Compensatory Hypertrophy after Lumbar Sympathectomy.

Orig Pub : Studii si cercetari endocrinol. Acad. RPR, 1955, 6, No 3,3, 543

Abstract : In rats, the right adrenal gland was removed, and a left lumbar sympathectomy was performed. Twenty days afterwards, the left adrenal gland was removed. Its weight was increased by 55%; hyperaemia of the vessels of both zones was discovered and there were signs of an increased activity of the zona glomerulosa. The medulla consisted

Card 1/2

RUMANIA/Cultivated Plants - Fruits. Berries.

M-6

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30001

Author : Parhon, C.I., Istrati, F., Ionescu, G.

Inst : -

Title : An Investigation of Factors Causing Compensatory Hypertrophy of the Suprarenal Gland. III. The Effect of Several Animal Hormones and Extracts of Endocrine Secretions on the Flowering Process in Fruit Tree Branches.

Orig Pub : Studii si cercetari endocrinol. Acad. R.P., 1955, 6, No 3-4, 5360543 (Rumanian)

Abstract : Experiments of the Laboratory of Phytoendocrinology of the Rumanian People's Republic have shown that hormones and extracts of the glands of inner secretion from animals produce an effect on the physiology and morphology of fruit trees. Thus, estrone in a dose of 1000 units per 1 liter of water, acting (in February) on branches of apricot, peach, sweet and sour cherries caused the

Card 1/2

RUMANIA/Cultivated Plants - Fruits. Berries.

M-6

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30001

APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R000

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flowering of all branches (the branches were placed in a vessel containing a solution of estrone). There was an increase in the number of flowering buds in the peach by almost 4 times, in the sour cherry (*Prunus cerasus*) it was almost triple, in the sweet cherry (*P. avium*) doubled in comparison with the control (branches placed in water). Placental extract in a concentration of 1:100 caused flowering of the branches in the sweet cherry and apricot only. Suprarenal extract in a concentration of 1:100 stimulated flowering in the sour cherry, peach, and apricot. It is also noted that the action of estrone delayed the appearance of leaves on all branches, and the suprarenal extract stimulated the development of the staminal organs and simultaneously retarded the growth of the petals in the apricot blossoms.

Card 2/2

Ionescu, G.

*IONESCU, G.*

ROMANIA / Pharmacology, Toxicology, Analeptics

U-3

Abs Jour : Referat Zh.-Biol., No 1, 1958, No 3388

Author : Deriv, S., Tanasescu, Gh., Costescu G., Ionescu G., Tanase I., Dimitriv M., Manescu M., Carp, N., Neascu, C., Grigorescu-Simionescu G., Ionescu C., Nitulescu, F., Sibiceanu Gh, Voicitu, Al.

Inst : Not given.

Title : A Study of Sulfur-Containing Amino Acids (Methionine, Cysteine, Cystine), Cyolic and Heterocyclic Amino Acids (Tyrosine, Tryptophan, and Histidine), Nucleic Acids (RNA and DNA), Proteases (Trypsin, Cathepsin, Dipeptidase and Carboxypeptidase) and of Nucleases (Ribo- and Desoxy-ribo-nuclease) in the Cerebral Cortex of Rats Under the Influence of Luminal and Benzedrine.

Orig Pub : Bul. Stiint. acad. RPR. Sec. Mod., 1955, 7, No 4, 1193-1208.

Abstract : A study was made of protein and nucleic acid metabolism in

Card : 1/2

ROMANIA / Pharmacology, Toxicology, Analeptics

"APPROVED FOR RELEASE: Thursday, July 27, 2000

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Abs Jour : Referat Zh.-Biol., No 1, 1958, No 3388

Abstract : the cerebral cortex of rats during a state of luminal-induced depression and of benzedrine-induced excitement. It was shown that under the influence of benzedrine there was a decrease in the amounts of cysteine and cathepsin; there was no change in the tyrosine and tryptophan content. When luminal was administered, the amount of cathepsin was increased and that of tyrosine and tryptophan remained unchanged. No alterations in the activity of desoxy- and of ribo-nuclease were noted during excitement. During a state of inhibition, an increase in the activity of both nucleases was observed, whereas there was no change in the amount of RNA and DNA. The authors conjecture that during sleep anabolic processes predominate over catabolic processes.

Card : 2/2

RUMANIA/Human and Animal Physiology (Normal and Pathological). T-9  
Internal Secretion. General Problems.

Abs Jour : Ref Zhur - Biol., No 11, 1958, 51019

and mammary gland extract (MGE) inhibit it. MGE inhibits the growth of roots. Testosterone folliculin and thyroxin stimulate blossoming, while MGE, and testes and suprarenal gland exteacts inhibit it. -- From the author's summary.

Card 2/2

- 81 -



IONESCU, Georgeta

← Morphological, physiological and biochemical changes induced in cabbage  
(*Brassica capitata*) by treatment with folliculin and thyroxin. Stud.

cercet. endocr. 13 no.3:421-427 '62.

(VEGETABLES pharmacology) (ESTROGENS pharmacology)

(THYROXIN pharmacology)



TURCU, T., prof.; PAINA, N., dr.; IONESCU, Gabriela, dr.; DUTU, Doina, dr.;  
AVRAM, Maria, dr.; FLORESCU, O., dr.

The pronounced increase in rats infected with the causal agents  
of anthrozooses demands intensification of rat eradication.  
J. hyg. epidem. (Praha) 9 no.1:75-76 Ja-F'64

MILCU-St.-M., academician; POSTEALNICU, D.; ICULESCU, Georgeta

Observations on the structure of the pineal body in relation  
to the phases of the sexual cycle in hens. Stud. cercet.  
endocr. 15 no.5:485-486 '64.

L 45247-66 T JK

ACC NR: AF6033588

SOURCE CODE: RU/0023/65/010/004/0327/0334

AUTHOR: Ionescu, Gh.--Ionescu, G. (Doctor); Ienistea, C.--Iyenishtya, K. (Doctor);  
Ionescu, Cornelia--Ionescu, K. (Biologist)

ORG: Institute of Hygiene and Work Safety, Bucharest (Institutul de igiena si protectia muncii)

TITLE: Frequency of B. cereus in minced meat and sausages [This paper was presented at the U.S.S.M., Section of Infectious Pathology and Epidemiology Conference held in Bucharest on 22 February 1964.]

SOURCE: Microbiologia, parazitologia si epidemiologia, v. 10, no. 4, 1965, 327-334

TOPIC TAGS: bacteria, processed animal product, microorganism contamination, food sanitation

ABSTRACT: The authors checked the presence of B. cereus in 77 samples of chopped meat in various forms (hamburgers, etc.) and fresh and smoked sausages. B. cereus was present in 36.3 percent of the samples, with variable percentages for the different types, from 9 percent for smoked cold cuts to 86 percent for "fresh" coldcuts such as bologna, etc. No relation could be established between the frequency of B. Cereus and the bacteriological indices for fecal contamination of the food. Pathogenicity tests on mice were positive for 196 of the 203 strains isolated. As a result of their findings, the authors suggest that the absence of B. cereus be included among the sanitary requirements for thermally processed meat products. Orig. art. has: 1 figure and 3 tables. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 06 / SUBM DATE: 10Mar64 / ORIG REF: 005 / OTH REF: 019  
Card 1/1 *llh* UDC: 613.28-099:576.851.51

POSTELNICU, D.; BOERU, Vera; IONESCU, Georgeta; TEODORU, V.

Influence of cholesterol treatment on egg production and blood lipids in chickens. *Stud. cercet. endocr.* 16 no.1:75-77 '65.

APPROVED FOR RELEASE: Thursday, July 27, 2000      CIA-RDP86-00513R000  
RUMANIA      UDC: 576.851.5:613.287.

710

IONESCU, Gh., Dr, LENISTEA, C., Dr, IONESCU, Cornelia, Biologist, IGNATESCU, N., Dr, and MAN, T., Medical Assistant, of the State Health Inspectorate (Inspectoratul Sanitar de Stat), Bucharest, and MANN, V., Dr, of the "Bucharest" Dairy Products Factory (Fabrica de Produse Lactate "Bucuresti").

"Frequency of B. cereus in Fresh and Pasteurized Milk."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 11, No 5, Sep-Oct 66, pp 423-430.

Abstract [Authors' English summary modified]: In a study of the frequency of occurrence of B. cereus in 108 samples of milk, the authors found positive results in 72.4 percent of the fresh milk samples, 86.7 percent of the bottled pasteurized milk, and 100 percent of the bulk pasteurized milk (directly from the pasteurizing machine). It was not possible to establish a correlation between the presence of B. cereus and fecal contamination of the milk. A total of 213 strains of B. cereus were identified; resistance of the germs was lower in fresh than in pasteurized milk.

Includes a bibliography with 34 entries, of which 3 Rumanian, 10 German and 21 Western. -- Manuscript submitted 19 April 1964.

IONESCU, Gh., dr.; IENISTEA, C., dr.; IONESCU, Cornelia, biolog

Frequency of *Bacillus cereus* in minced-meat and sausages.  
Microbiologia (Bucur.) 10 no.4:327-334 Jl-Ag '65.

1. Lucrare efectuata in Institutul de igiena si protectia muncii,  
Bucuresti.

IONESCU, Gh., dr.; IENISTEA, C., dr.

The viability of the bacteria *Shigella sonnei*, *Sh. flexneri* and *M. pyogenes* var. *aureus* in lactic acid derivatives used in feeding of small children. *Microbiologia* (Bucur) 9 no.5:445-452 S-O '64

1. Lucrare efectuata in Institutul de igiena si protectia muncii, Bucuresti.

COUNTRY : Rumania H-11  
CATEGORY :  
ABS. JOUR. : RZKhim., No. 16 1959, No. 57633  
[sic]  
AUTHOR : Biholaru, V. and Ionescu, G.  
INST. : Timisoara Polytechnic Institute  
TITLE : The Utilization of Aluminum Shavings as Supports  
for Vanadium Pentoxide  
ORIG. PUB. : Bul Stiint si Tehn Inst Politehn Timisoara, 1,  
No 2, 299-303 (1956)  
ABSTRACT : The authors have studied the possibility of using  
Al-shavings as supports for  $V_2O_5$  in the oxida-  
tion of naphthalene to phthalic anhydride. The  
shavings were turned from 20-25 mm long, 3 mm wide,  
and 0.5 mm thick strips of 99% Al and shaped into  
spirals of 1-2 mm pitch. In order to improve the  
adhesion of the catalyst to the shavings, the  
surface of the latter was treated with an oxy-  
acetylene flame; this treatment resulted in good  
bonding of the catalyst. A description of a

CARD:  
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IONESCU, G.

IONESCU, G. Comparative study of calculating methods for an electromagnetic field in metric waves, with application to 100 MHz. p. 351

Vol. 4, no. 12, Dec. 1956  
ELECTROTEHNICA  
TECHNOLOGY  
ROMANIA

So: East European Accession, Vol. 6, No. 5, May 1957

RUMANIA / Radiophysios. Radio-Waves Propagation

Abs Jour : Ref Zhur - Fizika, No 5, 1957, No 12568

Author : Ionescu, G.

Inst : Not given

Title : Certain Features of Propagation of Meter Waves.

Orig Pub : Elektrotehnica, 1956, 4, No 8, 371-377.

Abstract : An examination is made of several features of the propagation of radio waves in the meter band (atmospheric waveguides, fading, etc.), connected with the fact that in this band it is possible to have both ionospheric as well as tropospheric propagation. Bibliography, 16 titles.

Card : 1/1 (EER, Vol. 6, No. 3, MAR. '57)



IONESCU, G.

Installations for the production and distribution of compressed air in modern transformer and connection stations. Pt. 2 (To be contd.)

p. 387 (Energetics. Vol. 5, no. 8, Aug. 1957. Bucuresti, Rumania)

Monthly Index of East European Accessions (EEAI) IC. Vol. 7, no. 2, February 1958

RUMMLL/Radiophysics - Propagation of Radio Waves

I-5

Abs Jour : Ref Zhur - Fizika, No 4, 1959, No 8944

Author : Ionescu George

Inst :

Title : Peculiarities of Propagation of Ultra Short Waves in Cities

Orig Pub : Telecomunicatii, 1958, 2, No 3, 128-137

Abstract : Experimental data are given on the propagation of radio waves of frequencies of 50, 70 and 100 Mcs in Bucharest. The minimum power of television and frequency modulation transmitters is calculated with allowance for the average noise level and for the signal to noise ratio. --- Author's resume

Card : 1/1

1947-1958

1959-1960

1961-1962

1963-1964

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1971-1972

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1975-1976

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RUMANIA/Nuclear Physics - Installations and Instruments.  
Methods of Measurement and Research.

C

Abs Jour : Ref Zhur Fizika, No 12, 1959, 26669

Author : Ionescu, George

Inst : ~~XXXXXXXXXXXXXXXXXXXX~~

Title : Development of Neutron Selectors

Orig Pub : Automat. si electron., 1959, 3, No 1, 27-39

Abstract : A survey is given of the development of neutron se-  
lectors and modern terminology of nuclear engineering.

Card 1/1

- 8 -

IONESCU, G.

Effects of radiation upon electronic apparatus and installations. p. 93

AUTOMATICA SI ELECTRONICA. (Asociatia Stiintifica a Inginerilor si Tehni-  
cienilor din Romania) Bucuresti, Rumania. Vol. 3, no. 2, Mar./Apr. 1959

Monthly List of East European Accessions. (EEAI) LC, Vol. 8, no. 9, <sup>Sept.</sup> 1959  
Uncl.

IONESCU, G.

The Elutron, a new linear cyclic accelerator. p. 96

AUTOMATICA SI ELECTRONICA. (Asociatia Stiintifica a Inginerilor si Tehnicienilor din Romania) Bucuresti, Rumania. Vol. 3, no. 2, Mar./Apr. 1959

Monthly List of East European Accessions. (EEAI) LC, Vol. 8, no. 9, <sup>Sept.</sup> 1959  
Uncl.

IONESCU, G.

Possibilities of using directed thermonuclear reactions for the production of electric power. I. p. 4.

ELECTROTEHNICA. (Asociatia Stiintifica Inginerilor si Tehnicienilor din  
România si Ministerul Energiei Electrice si Industriei Electrotehnice)  
Bucuresti, Rumania. Vol. 7, No. 1, Jan. 1959.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 6, June 1959.  
Uncl.

IONESCU, G.

The evolution of neutron selectors. p. 27.

AUTOMATICA SI ELECTRONICA. (Asociatia Stiintifica a Inginerilor si  
Tehnicienilor din Romania) Bucuresti, Rumania, Vol. 8, no. 1, Jan./ Feb. 1959

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

Uncl.

IONESCU, George

On the computation of the screens in which parasitic radiations are  
produced. Studii cer.fis. 10 no.4:860-864 '59. (KMAI 9:5)  
(Shielding (Radiation))

IONESCU, George

Effect of the dose strength in the irradiation of NaCl with radiation.  
Studii cerc fiz 11 no.3:735-744 '60. (EEAI 10:2)

1. Institutul de fizica atomica Bucuresti.  
(Salt) (Crystals) (Gamma rays)



24645

R/004/60/000/003/001/001  
D244/D302

26. 2212

AUTHOR: Ionescu, George, Engineer (Bucharest)

TITLE: On the possible use of controlled thermonuclear reactions for producing electric power

PERIODICAL: Electrotehnica, no. 3, 1961, 75 - 89

TEXT: Utilizing the latest data published on the results communicated at the Geneva Nuclear Conference in September 1958, the author presents the calculation of energy which may be produced by thermonuclear reactors, fusion reactors and the installations used for the production and study of thermonuclear reactions in plasma. In the first part of the article published in "Electrotehnica", no. 1, 1959, pp 4 - 13, the author dealt with the fusion reaction between the light elements, i.e. deuteron - deuteron (DD) and deuteron - triton (DT). Based on the investigations of R. Post (Ref. 1: Rev. Mod. Phys. 28, 1956, 338; and PIRE, 45, 1957, 134 - 160), and J. C. Linhart (Ref. 2: Nuclear Engineering, 2, 1957, 11, 60 - 65), the author estab-

Card 1/6

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R/004/60/000/003/001/001  
D244/D302

On the possible use of...

lishes the power produced by thermonuclear reactions and describes the DD and DT reactions. Several solutions were recommended for transforming nuclear power into electric power, e.g. by indirect power transducers and direct transducers. Fusion reactors belong to the first category. In order to have such a system producing energy, the condition of the self-sustaining reaction should be fulfilled, i.e. the heat losses should be compensated by the energy produced by the thermonuclear reaction. The operation of a thermonuclear combustion chamber is then explained. The most difficult problem was that of thermally isolating the plasma from the walls, and the problem of internal pressure produced during the reaction. On the isolation problem, the author notes that Tamm and Zakharov recommended in 1950 the use of an axial magnetic field which should focus the plasma, and then points out that at the 1958 Geneva conference V.I. Kurchatov presented some devices for isolating and

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maintaining the incandescent plasma in the discharge chambers, discovered by G.I. Budker (Ref. 11: Atomnaya Energiya, 5, 1958, 2, 105 - 110). These devices are the so called "magnetic plugs" or "adiabatic traps" and were used in the new Soviet OGRA installation. The Budker adiabatic traps are based on the use of a magnetic field which suddenly increases at the ends of the cylinder, in which the reaction takes place. Another OGRA type installation is composed of a cylinder closed at the terminals by two traps. Installations for examining thermonuclear reactions may be divided into three types: a) ZETA type installations; b) OGRA type installations; and c) STELLARATOR type installations: To these may be added: d) Cylindrical tubes in which the possibility of producing a thermonuclear reaction by a discharge in gases was studied. The author then briefly reviews Soviet investigations which were accomplished in two directions: a) Study of methods of maintaining and heating plasma in the system with closed current lines; b) investigations of magnetic traps, in which high temperature plasma is

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X

On the possible use of...

formed by the accumulation of the quick particles (ions) injected into the trap. After describing several Soviet discharge chambers presented at Geneva, it is pointed out that the largest Soviet installation, the OGRA, built under the direction of I.N. Golovin, consists of a huge cylindrical chamber with "magnetic plugs" at the ends. The density of the hydrogen plasma produced in this installation is  $10^{13}$  cu cm. The essential parameter of such an installation is its efficiency, given by:

$$\eta = \frac{\text{released power}}{\text{consumed power}} = \frac{W^+}{W^-} \quad (24)$$

in which  $W^+ = k_1 v \sigma(T) n^2 R^2 l$ , (25)

$v$  being the average velocity of the particles,  $\sigma(T)$  the efficient section of the reaction,  $n$  the number of ions/cu cm,  $R$  and

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On the possible use of...

1 the radius and length of the cylinder, and  $k_1$  a constant. The efficiency in case of a D-T reaction becomes greater than the unity in the installation for  $T = 100$  kev and  $HR = 5 \times 10^6$  gauss cm, being able to attain an energy concentration of 200,000 kw per cu m of plasma at a magnetic field of 50,000 gauss. The most important components of the OGRA installation were built at the Mechanical Engineering Plant in Leningrad. There are 23 figures, 1 table and 34 references: 14 Soviet-bloc and 20 non-Soviet-bloc. The references to the 4 most recent English-language publications read as follows: Ref. 19, ZETA: The Zero Energy Thermonuclear Assembly, Electrical Energy, 2, 1959, 2, 36 - 40; Nr. 361 of the Electronic Engineering of March 1959 is dedicated for the description of the ZETA installation (contains four articles on this problem); Thermonuclear Fusion, Atomic and Nuclear Energy, 9, 1958, 11, 58; Nucleonics, 16, 1958, 2, 90, and 16, 1958, 5, 122.

ASSOCIATION: I.F.A.

Card 5/6

23984  
R/007/61/012/002/002/003  
D226/D304

3.9300  
AUTHORS:

Ionescu, G. and Buchman, Ş., Engineers

TITLE:

On the generation of elastic waves in seismic prospecting

PERIODICAL: Petrol și gaze, vol. 12, no. 2, 1961, 69-73

TEXT: The article deals with the generation of elastic waves used in seismic prospecting by both the method of reflected and that of refracted waves (KMPV). The authors first discuss the intensity of the generated seismic impulse and some results obtained by their experiments. On the basis of their theoretical considerations, the authors ascertained that only soft rocks with a low acoustic resistivity generate a wide spectrum with a tendency toward the lower frequencies, whereas hard rocks generate especially high frequencies. The authors' conclusions could also be applied to the generation of waves by shootings, since they lead to considerable savings in the consumption of explosives by increasing the generating surface, the shootings being carried out in holes of low depth, approximately

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5 - 10 m. For calculations, the pressure distribution P in the medium located around the shooting point should be known. For this purpose the authors used the formula of G.I. Pokrovskiy (Ref. 2: Calculul încărcăturilor de explozivi pentru aruncare. Acțiunea exploziei în pământ și calculul încărcăturilor (The Calculations of Explosive Charges for Blastings. The Action of Explosives in the Earth and the Calculation of the Charges), I. D. T., Bucharest, 1957):

$$P = 19^3 \frac{7,200 V_s}{R^5} R_0^3 \tag{9}$$

$$R_0 = 0.053 \sqrt[3]{C} \tag{10}$$

in which

$R_0$  being the radius of the explosive charge in m, R - the distance in m from the shooting point to the point where the pressure is determined,  $V_s$  - the speed of sound in the medium in m/sec, P - the pressure at a point of the medium in kg/m<sup>2</sup>, and C - the weight of the explosive. Conclusions: Small charges distributed at a great number of shallow holes leads to a considerable reduction in explosives consumption. The surface to be excited has to fulfill the

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On the generation of elastic waves...

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following conditions: Its maximum dimension should be comparable with the length of the used wave; the geometrical distribution of the generating points on this surface should be uniform, whereas the impulses supplied by every point should be as identical as possible; the radius of action of the impulse of every generating point should not overlap with that of the neighboring point; the dimensions of the generating surface and the number of necessary points must be established by experiments. It is also planned to generate elastic oscillations by powerful mechanics shocks, so as to be able to record these shocks by the seismic devices of the IPGG. There are 7 figures, 1 table and 2 Soviet-bloc references.

SUBMITTED: October 4, 1960

Card 3/3



S/058/62/000/007/019/068  
A061/A101

AUTHOR: Ionescu, George

TITLE: On the calculation of gamma doses obtained by moving objects

PERIODICAL: Referativnyy zhurnal, Fizika, no. 7, 1962, 14, abstract 7B111  
("Studii și cercetări fiz. Acad. RPR", 1961, 12, no. 2, 279 - 285,  
Rumanian; Russian and French summaries)

TEXT: A calculation method for doses obtained by moving objects is con-  
sidered. This calculation method can be used in the case of the passage of a  
person past a radioactive source, and also in the flight through the two Earth-  
encircling cosmic radiation belts. ✓

[Abstracter's note: Complete translation]

Card 1/1

4

Bucharest, Stinta si Tehnica, Vol XIV, No 4, Apr 1962 (continued)

17. "Two 98 Batteries in a 4.5 Volt Battery," C. LAZAR, pp 36-37.

18. "Metallic Supports, The New Technic in the Mines of Our Country," G. IONESCU, Chief Eng (Ingriner-raf), Mining Exploitations (Exploatare Minerale), Iuponi, pp 38-39.

19. "The Chemistry of High Temperatures and Pressures," Eng. G. IONESCU, pp 40-41.

20. "Observation 300-House," pp 42-43.

IONESCU, G.H.

VARODIN, V., ing.; IONESCU, G., ing.; JHISCAN, V., ing.; CAPPARTIN, M.,  
ing.; MARGARITESCO, D., ing.; NEGRESCU, V., ing.; CALOENESCU,  
C., ing.

Aspects of the reflection seismic prospection in the  
Moesian Platform. Petrol si gaze 15 no.10:529-541 0 '64.

L 45247-66 T JK

ACC NR: AF6033588

SOURCE CODE: RU/0023/65/010/004/0327/0334

AUTHOR: Ionescu, Gh.--Ionescu, G. (Doctor); Ienistea, C.--Iyenishtya, K. (Doctor);  
Ionescu, Cornelia--Ionescu, K. (Biologist)

ORG: Institute of Hygiene and Work Safety, Bucharest (Institutul de igiena si protectia  
muncii)

TITLE: Frequency of B. cereus in minced meat and sausages [This paper was presented  
at the U.S.S.M., Section of Infectious Pathology and Epidemiology Conference held in  
Bucharest on 22 February 1964.]

SOURCE: Microbiologia, parazitologia si epidemiologia, v. 10, no. 4, 1965, 327-334

TOPIC TAGS: bacteria, processed animal product, microorganism contamination, food  
sanitation

ABSTRACT: The authors checked the presence of B. cereus in 77 samples of chopped meat  
in various forms (hamburgers, etc.) and fresh and smoked sausages. B. cereus was  
present in 36.3 percent of the samples, with variable percentages for the different  
types, from 9 percent for smoked cold cuts to 86 percent for "fresh" coldcuts such  
as bologna, etc. No relation could be established between the frequency of B. Cereus  
and the bacteriological indices for fecal contamination of the food. Pathogenicity  
tests on mice were positive for 196 of the 203 strains isolated. As a result of  
their findings, the authors suggest that the absence of B. cereus be included among the  
sanitary requirements for thermally processed meat products. Orig. art. has:

1 figure and 3 tables. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 06 / SUBM DATE: 10Mar64 / ORIG REF: 005 / OTH REF: 019  
Card 1/1 *lhc* UDC: 613.28-099:576.851.51

L 45247-66 T JK

ACC NR: AP6033588

SOURCE CODE: RU/0023/65/010/004/0327/0334

AUTHOR: Ionescu, Gh.--Ionescu, G. (Doctor); Ienistea, C.--Iyenishtya, K. (Doctor);  
Ionescu, Cornelia--Ionescu, K. (Biologist)

ORG: Institute of Hygiene and Work Safety, Bucharest (Institutul de igiena si protectia  
muncii)

TITLE: Frequency of B. cereus in minced meat and sausages [This paper was presented  
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TOPIC TAGS: bacteria, processed animal product, microorganism contamination, food  
sanitation

ABSTRACT: The authors checked the presence of B. cereus in 77 samples of chopped meat  
in various forms (hamburgers, etc.) and fresh and smoked sausages. B. cereus was  
present in 36.3 percent of the samples, with variable percentages for the different  
types, from 9 percent for smoked cold cuts to 86 percent for "fresh" coldcuts such  
as bologna, etc. No relation could be established between the frequency of B. Cereus  
and the bacteriological indices for fecal contamination of the food. Pathogenicity  
tests on mice were positive for 196 of the 203 strains isolated. As a result of  
their findings, the authors suggest that the absence of B. cereus be included among the  
sanitary requirements for thermally processed meat products. Orig. art. has:  
1 figure and 3 tables. [Based on authors' Eng. abst.] [JPRS]

SUB CODE: 06 / SUBM DATE: 10Mar64 / ORIG REF: 005 / OTH REF: 019  
Card 1/1 UDC: 613.28-099:576.851.51

Author: ENPPI, ENPPI, ENPPI

Author: B. Engineer

1. Pickling of steel products

B

2. Metalurgia, no. 11, 1964, 488-491

TOPIC TAGS: pickling, steel, aluminum

ABSTRACT: The use of inhibitors in the pickling of steel products improves their  
and reduce the consumption of metal and acid. In pickling soft steels  
the same rate obtained with

VICOL, Pavel, ing. (Bucuresti); IONESCU, Gabriel, ing. (Bucuresti)

The construction realization of the compressed air installations in the transforming stations and connections.  
Energetica Rum 10 no.3:96-100 Mr '62.

1. Director tehnic al Trustului de constructii si montaje energetice (for Vicol). 2. Inginer sef adj. la Intreprinderea de constructii metalice si prefabricate, Bucuresti (for Ionescu).

38642

S/081/62/000/009/071/075  
B160/B101

11.2211  
15.9201

AUTHORS: Ghircoiasu, Cornel, Rasidescu, Stefan, Ionescu, Gabriela,  
Farcasiu, Dan, Izvernaru, Steliana

TITLE: Action of petroleum products and greases on a mixture of  
(62-38) butadiene acrylonitrile rubber

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 9, 1962, 642, abstract  
9P302 (Ind. usoara, v. 8, no. 4, 1961, 139 - 147)

TEXT: Data are given for the swelling and the changes in physico-mechanical properties that occur in 36 different mixtures of perbunan 3810 which has been aged for 144 hours at 70° and 100°C, and has remained for 24 and 72 hours at 100°C in milk, mineral, vegetable or solar oils, or animal fat, or at 25°C in gasoline, a gasoline-benzene mixture (75:25) or non-paraffinous petroleum, mineral, solar and vegetable oils and milk. The mixtures were made with Carbomet channel black (A), Furnal R300 furnace black (B), Methanex black (C) and VN<sub>3</sub> Ultraseal (D). Two different accelerators were used in each group. Group A. Altering the amount and nature of the accelerator has little effect on swelling; but at temperatures up to 100°C swell-  
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S/081/62/000/009/071/075  
B160/B101

Action of petroleum products ...

ing increases when the amount of accelerator is increased. At 100°C no correspondence is observed between the amount of accelerator and the swelling. A change in the amount of accelerator does not change the physico-mechanical properties upon aging. The polar media and mineral oil extract the components from the mixtures. In milk the weight of the specimens increases during the first 24 hrs, after which extraction takes place. Group B. Changing the amount and nature of the accelerator has no effect on aging in the different media but has some effect on swelling. The polar media and mineral oil act in the same way as on Group A. An increase in weight in milk occurs in the first 52 hours at 100°C or 72 hours at 25°C. Group C. The effect of the accelerator, mineral oils and polar liquids is the same as in Group B. In milk no extraction takes place in 3 days at 100°C. When the fillers in Groups A, B and C are combined there is a slight reduction in the swelling in the gasoline and benzene mixture. Group D. The mixtures swell more than the mixtures in Groups A, B and C. Milk has a stronger effect on the swelling and the mixture's components are not extracted. The behaviour of the mixtures in the polar media depends on the amount and nature of the accelerators. In non-polar media a change in the amount of accelerator has the same effect as in mixtures A, B and C. [Abstracter's note: Complete translation.]  
Card 2/2

IONESCU, G.; CALOENESCU, C.; STEFANESCU, F.; IONESCU, Al.; GELES, H.;  
ZIRNOVEANU, G.

Results of tests with explosion and geophone groups in the  
Transylvanian Basin. Petrol si gaze 15 nr. 7:326-341 JI  
'64.

IONESCU, Georgeta; TEODORU, V.; POSTELNICU, D.

Observations on the influence of artificial lighting on the egg  
production of ducks. Stud. cercet. endocr. 15 no:2:177-178 '64.

*Ionescu, Gh.*

RUMANIA

IONESCU, Gh., Pharmacist

Suceava Regional Pharmaceutical Office (Oficiul Farmaceutic Regional Suceava).

Bucharest, Farmacia, No 3, Mar 63, pp 181-185.

"The Possibility of Removing Certain Incompatibilities."

(1)

RUMANIA

APPROVED FOR RELEASE: Thursday, July 27, 2000. CIA-RDP86-00513R0005 710  
GRIGORESCU, I., Prof Dr, POPOVICI, G., Prof Dr, POPA, Gavrila, Dr and STANCU, D., Veterinarian, of the Faculty of Veterinary Medicine (Facultatea de Medicina Veterinara), Bucharest.

"Investigations on the Efficiency of the Baiburthian Method in the Castration of Young Rams."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 13, No 7, Jul 63, pp 48-59.

Abstract [Authors' English summary modified]: A comparative study of 3 methods of castration: the new Baiburthian method, removal of the testicles, and crushing of the spermatic cord by means of Burdizzo pincers on a total of 167 rams (including the control lot) followed for 1-1/2 years showed the superiority of the new method.  
Includes 5 tables.

IONESCU, Gh.

Stall for proving, testing, and studying the installations and electric lighting machinery for railroad cars. Rev sailor for 10 no.6:304-312 Ja '62.

IONESCU, Gh.

Pneumatic suspension of railroad cars. Rev callor for ll no.3:138-  
145 Mr '63.

CIRIN, Liviu, ing.; FOTOCEANU, Ion, ing.; IONESCU, Gh., ing.

Economic relations of socialist industrial enterprises and their role in the achievement of socialist management and strengthening of material incentives. Probleme econ 16 no. 5: 140-142 My '63.

1. Director comercial, Uzinele de vagoane-Arad (for Cirin).
2. Director general, Combinatul siderurgic Resita (for Potoceanu).
3. Director tehnic, Uzinele "Steagul rosu", Brasov (for Ionescu).





JONESCU, H. P.

9147:

1-F/W

**Ionescu, Har. P.** Un théorème sur les nombres ordinaux et quelques conséquences. Bul. Inst. Politehn. București 18 (1956), no. 3-4, 35-39. (Romanian. Russian and French summaries)

16

2

Let  $\alpha$  and  $\beta$  be ordinals and use the definition of product, sum, and power of ordinals as in Sierpiński, "Leçons sur les nombres transfinis" [Gauthier-Villars, Paris, 1928].

If  $\alpha$  is transfinite and has cardinal number at least the cardinal of  $\beta$ , then  $\alpha$ ,  $2^\alpha$ ,  $\alpha^\beta$ , and  $\beta^\alpha$  have the same cardinal number.

M. M. Day (Urbana, Ill.)

ESH

Grand

COMBIESCU, D.; DUMITRESCU, N.; ZARNEA, G.; BOTEZ, V.; SARAGHA, A.; IONESCU, H.

Comparative study of serodiagnostic tests in exanthematous typhus and their epidemiological importance. Stud. cercet. inframicorbiol., Bucur. 8 no.3:313-321 1957.

1. Institutul de microbiologie, parazitologie si epidemiologie "Dr. I. Cantacuzino" Catedra de epidemiologie din I.P.S.M.F.  
(TYPHUS, diagnosis exanthematous, serodiag. tests, comparison & epidemiol. importance)

ZARNEA, G., Assist. Prof.; VASILIU, V.; VOICULESCU, R.; ISRAEL, H.; PEREDERY, S.;  
TUMARU, C.; SZEGLI, L.; POPESCU, P.; IONESCU, H.

A study on a Q fever focus due to horses as a source of infection.  
Rumanian M. Rev. 2 no.2:20-21 Apr-June 58.

(Q FEVER, transm.

by horses in Rumania)

(HORSES, dis.

Q fever, transm. to humans in Rumania)

ZARNEA, G.; ALEXANDRESCO, N.; IONESCU, Honorina; VOICULESCO, R.; SZEGLI,  
Lucia; PEREDERI, S.; MUNTEANU, P.

Epidemiological research on a focus of Q fever on an agrosotechnical  
farm. Arch. Roum. path. exp. microbiol. 20 no.1:1-12 Mr '61.

1. Travail de l'Institut "Dr. I. Cantacuzino" - Service des Rickettsioses -  
et de la Station sanitaire anti-epidemie (SANEPID) d'Arad.

(Q FEVER epidemiol)

ZARNEA, G.; MITRICA, Natalia; <sup>U</sup>IONESCU, Honorina

The reaction of precipitation in gel with rickettsial antigens. Arch.  
Roum. path. exp. microbiol. 20 no.1:13-19 Mr '61.

1. Travail de l'Institut "Dr. I. Cantacuzino" - Service des Rickettsioses  
et de Physiologie Microbienne.

(RICKETTSIA PROVAZEKII immunol)

GLUHOVSKI, N.; ZARNEA, G.; LUSTREA, V.; ALEXANDRESCU, N.;  
IONESCU, Honorina; DUCA, H.

Study of experimental infection of some domestic animal species  
with *Coxiella burnetii*. Studii agr Timisoara 10 no.1:121-131  
Ja-Je '63.

ZARNEA, G.; GLUHOVSKI, N.; ALEXANDRESCU, N.; LUSTREA, V.; VOIGULESCU, R.;  
IONESCU, Honorina; MUNTEANU, PL.

Research on the allergic reaction value in bovine Q fever diagnosis.  
Studii agr Timisoara 10 no.1:133-139 Ja-Je '63.

RUMANIA

616.981.71-078.73

ZARNEA, G., Lect, NOVAC, Stela, Dr, GRACEA, E., Dr, DUMITRESCU, Sanda, Dr, IONESCU, Honorina, Dr, and MIHANCEA, N., Dr, of the "Dr I. Cantacuzino" Institute of Microbiology, Parasitology and Epidemiology (Institutul de Microbiologie, Parazitologie si Epidemiologie "Dr I. Cantacuzino"), Bucharest, BUZDUGAN, I., Dr, IANOPOL, Ligia, Dr and MARDARE, T., Dr, of the State Health Inspectorate (Inspectoratul Sanitar de Stat), Suceava Regiune.

"Contributions to the Study of Serological Diagnosis Methods in Rickettsioses. II. Passive Hemagglutination in the Diagnosis of Relapse Typhus (Brill-Zinsser Disease)."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 11, No 3, May-Jun 66, pp 249-256.

Abstract [Authors' English summary modified]: The authors describe the techniques of the passive hemagglutination reaction with a rickettsial antigen for the diagnosis of relapse typhus and compare the method with the complement-fixation method, the rickettsial microagglutination method, and the Weil-Felix reaction. The advantages of the method are pointed out on the basis of serologic examination of 431 samples from patients and 100 from controls.

Includes one table, 4 figures and 16 references, of which 2 Rumanian, 4 Russian and 10 Western. -- Manuscript submitted 1/1 28 February 1966.



IONESCU, I.

Economy realized through the introduction of rationalization in the production process. p. 525.

Innovations approved by the Ministry of the Petroleum Industry. p. 528.  
PETROL SI GAZE, Bucuresti, Vol. 5, no. 12, Dec. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,  
Uncl.

*IONESCU I.*

RUMANIA/Chemical Technology - Chemical Products and Their Application - Silicates. Glass. Ceramics. Binders. H.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 29531

Author : Ionescu, I.

Inst : -

Title : Graphite-Ceramic Black Pencils.

Orig Pub : Ind Lern, 6, No 8, 306-309 (1957) (in Rumanian)

Abstract : A brief review is given of the technology of the production of black graphite-ceramic pencils. A comparison of the classification used at the Cohinoor factory with the Soviet State Standard and with the classification used in the Romanian industry is given. The fields of application of ceramic pencils of varying hardness are listed.

Card 1/1

~~IONESCU, I., ing. tehnolog; ABRAMOVICI, J., ing. tehnolog; HAIM, E., ing. tehnolog; STREIT, E., ing. mecanic; IONESCU, I., arh.~~  
APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00051871

710

Complex planning and designing helping a systematic introduction of new technics in the rubber industry. Industria usoara 3 no.10:416-420 0 '56.

SECRET



KISELEV, P.

KISELEV, P., dispatcher; AFONSKIY, P.; GORBANEV, V.; SHMYGANOVSKIY, V.  
(g. Odessa); IONESCU, Ion (Rumynskaya Narodnaya Respublika)

The fraternal international relations are growing stronger.  
Sov. profsoiuzy 17 no.21:32-33 N '61. (MIRA 14:10)

1. Makeyevskiy koksokhimicheskiy zavod (for Kiselev). 2. Pred-  
sedatel' Khar'kovskogo oblastnogo komiteta profsoyuza rabochikh  
mashinostroyeniya (for Afonskiy). 3. Redaktor zavodskoy gazety  
"Za tekhnicheskiy progress" Orlovskogo zavoda imeni Medvedeva,  
g. Orel (for Gorbanev).

(Trade unions)

IONESCU, I.

In connection with the determination in figures of the physical wear and the amortization of basic funds. Probleme econ 15 no.5:125-132 My '62.

IONESCU, Ion, ing.; ENCULESCU, Maria

Synthetic resin concrete for hydrotechnic constructions.  
Hidrotehnica 8 no.11:420-425 N '63.

ANGELESCU, M., ing.; IONESCU, I., ing.

Experiments with the new phonoinsulating floors of polyvinyl chloride rug and plates. Bul cerc constr sistemat no.2:113-117 '62.

1. Institutul de cercetari in constructii si economia constructiilor.



GOTLIIB, F.; NEGUS, N.; SHIREANU, B.; GEORGISCU, M.; IONESCU, I.;  
PEZAMOSKA, A.; ~~MAUKHTER~~, Z.

Surgical therapy of osseous and osteo-articular tuberculosis  
in the Children's Surgical and Orthopedic Clinic in Bucharest.  
Khirurgia 15 no.2/3:236 '62.

(TUBERCULOSIS OSTEOARTICULAR surg)

IONESCU, I.; POPESCU, D.; ENACE, St.

Contributions to the determination of the hydrazide of isonicotinic acid in tablets. Rev chimie Min petr 14 no.9:532 S '63.

1. Institutul pentru controlul de stat al medicamentelor si cercetari farmaceutice.

IONESCU, I.; ENACHE, St.; CONSTANTINESCU, T.

Contributions to the study of determination of the product  
Cetazol. Rev chimie Min petr 14 no.9:534 S '63.

1. Institutul pentru controlul de stat al medicamentelor si  
cercetari farmaceutice.

IONESCU, I., ing.

Use of polymers in hydrotechnical constructions. Hidrotehnica  
8 no. 5:183-190 My '63.

IONESCU, I., ing.; GOLDSTEIN, M., ing., cercetator principal

Experiments with some concretes with synthetic resin addition.  
Studii geotehn fund constr hidro 6 103-142 '63

1. Sef de laborator la Institutul de Proiectari si Cercetari Stiintifice pentru Constructii si Materiale de Constructii (for Ionescu).

ANTONESCU, I. P.; GOLDSTEIN, M., cercetator principal;  
IONESCU, I.

Experiments with some waterproof coating types and some  
waterproofing methods for irrigation channels constructed  
on loess. Studii geotehn fund constr hidro 6 143-182 '63

1. Sef de laborator la Sectia lianti din Institutul de  
Proiectari si Cercetari Stiintifice pentru Constructii  
si Materiale de Constructii (for Ionescu).

BRANISTE, G.; IONESCU, Irina; HINGU, I.

Study on the reduction of Ostra (Suceava) barytine. Studii  
chim Iasi 13 no.2:291-302 '62.

BRANISTE, C.; IONESCU, Irina; APETREI, H.

On the dielectric properties of the phosphate stratum and its application. Studii chim Iasi 13 no.2:303-309 '62.



IONESCU, I.; ENCULESCU, M.

Possibilities of using the powder obtained from the clinker furnace electrofilters. Constr Buc 16 nr. 757:2 11 July '64.

IONESCU, I., ing.; NICA, C., ing.; SCALETCHI, L., ing.

Device for uncoupling engines. Mec. electrif agric 9 no.3:  
62-64 '64.

1. Faculty of Agricultural Mechanics, Timisoara.

IONESCU, I.; LEPSI, S.; SCALETCHI, L.; NICA, Const.; STOICA, E.; BOBOESCU,  
Virginia

Studies and research on the elements of rough oil filtration in  
the D-36 M engine. Bul St si Tehn Tim 9 no.1:111-119 Ja-Je '64.

*IONESCU, I.*

KREINDLER, A.; IONESCU, I.; MESTES, D.; IONASESCU, V.; GOLDENBERG, M.

Considerations on periarteritis nodosa (neurological aspects).

Rumanian M. Rev. 1 no.1:52 Jan-May 57.

(PERIARTERITIS NODOSA, compl.

polyneuritis)

(POLYNEURITIS, case reports

with periarteritis nodosa)

~~TOP SECRET~~  
KREINDLER, A.; HORNET, Th.; IONESCU, I.; VOINESCU, Sorinella

Intersegmental reflexes in man. Rumanian M. Rev. 1 no.4: 46-51 Oct-Dec 57.

(REFLEX

intersegmental reflexes)

*IONESCU, I.*

USSR / Human and Animal Morphology, Normal and Pathological.  
Nervous System.

S

Abs Jour : R Zh Biol., No 21, 1958, No 97078

Author : Drogenescu, S.; Ionescu, I.; Voinescu, S.; Steriade, M.

Inst : Not given

Title : Subacute and Chronic Viral Polienccephalomyelitis. Its relationship to Amyotrophic Sclerosis.

Orig Pub : Zh. nevropatol. i psikiatrii, 1957, 57, No. 11, 1409-1417

Abstract : On the basis of clinical and pathohistological analysis, a number of similar traits between subacute and chronic encephalomyelitis and amyotrophic lateral sclerosis (ALS), are stressed. In a 63-year-old woman, who died of subacute anterior poliomyelitis, the disease proceeded with the appearances of assymetric spinal degeneration in the field of lateral and anterior pyramidal bundles from both sides. A number of morphologic changes in the central nervous system reminded one of acute poliomyelitis. The process

Card 1/2

*Inst. Neurology, Rumanian Acad Sci*

USSR / Human and Animal Morphology, Normal and Pathological.  
Nervous System.

S

Abs Jour : R Zh Biol., No 21, 1958, No 97078

developed in stages, affecting the cervical and thoracic parts of the spinal cord at first, and later spreading to the lumbosacral region of the spinal cord, medulla oblongata and motor zone of the cerebral cortex. The question arises whether the virus of subacute poliomyelitis is a variety of the virus of Heine-Medin's disease with weakened virulence. It is probable that subacute and chronic poliomyelitis and ALS are a single infectious process, the final expression of which is ALS. The prevalence of acute and subacute anterior encephalomyelitis, as well as ALS among rural populace, suggests that these diseases possibly belong to seasonal spring encephalomyelitis, i.e. they are pan-encephalitis. Virological research in order to check these assumptions was not carried out.-Ya. Yo. Khesin

Card 2/2

EXCERPTA MEDICA Sec 8 Vol 12/6 Neurology June 59

2799. PSEUDOMYOPATHIC CHRONIC POLYMYOSITIS - Polimiozită cronică pseudomiopatică - Ionescu I., Poilici I., Galaction O. and Tăutu C. Sect. Clin., Inst. 'I.P.Pavlov', București - NEUROLOGIA (București) 1958, 3/4 (371-378) illus. 7

A case report is presented of a 30-year-old woman with negative family history, who showed a neurological picture consisting of muscular atrophy and paresis with predominantly distal localization associated with pseudohypertrophy of the muscles of the calf and tendon retractions. The disease had developed in the course of 18 yr., in 3 outbursts, separated by long stationary intervals. Creatinuria amounted to 0.98 g./l., ESR was normal. Basal metabolic rate is not reported. Electromyography revealed disturbances of myopathic type. A muscle biopsy was taken from the calf muscles, which showed a picture of chronic parenchymatous and interstitial myositis, characterized by cell infiltrations, degeneration of muscle fibres, and oedema and hyperplasia of connective tissue. Differential diagnosis is discussed, and the case is diagnosed as chronic pseudomyopathic polymyositis.

EXCERPTA MEDICA Sec 8 Vol 12/12 Neurology Dec 59

6033b RELATIONS BETWEEN SYRINGOMYELIA AND FAMILIAL ULCERO-MUTILATING ACROPATHY, WITH REFERENCE TO A CLINICAL CASE - Relations entre la syringomyélie et l'acropathie ulcéro-mutilante familiale. A propos d'un cas clinique - Ionescu I., Ionasesco V. and Mester Z. Inst. Pavlov, Bucarest - ACTA NEUROL. BELG. 1958, 58/3 (260-269) illus. 6

A detailed clinical description is given of the case of a woman aged 22 who had been suffering since the age of 17 from ulcero-mutilating acropathy. She presented severe disturbances of sensibility of a syringomyelic type, with shooting pains, a coxo-femoral arthropathy and a fracture of the head of the femur. There were no acoustic or vestibular disturbances, nor any pyramidal signs or factors of pathological heredity. The arguments in favour of the diagnosis of syringomyelia are discussed.

M. Jéquier - Lausanne



IONESKU, I. [Ionescu, I.]; PETROVICH, I. [Petrovici, I.]; STERIADE, M.

Acute disorders of the blood circulation in the system of the carotid, basilar and vertebral arteries. Nauch. trudy Inst. nevr. AMN SSSR no.1:153-160 '60. (MIRA 15:7)

1. Institut nevrologii imeni Pavlova Akademii Rumynskoy Narodnoy Respubliki, Bukharest.

(BLOOD--CIRCULATION, DISORDERS OF)  
(CEREBROVASCULAR DISEASE)

BRILL, A., conf.; CORNEA, P., dr.; IONESCU, I., dr.

Secondary effects of the treatment of tuberculosis with tuberculo-  
static substances. Med. inter., Bucur 13 no.6:885-893 Je '61.

1. Din institutul de fiziologie.  
(ANTITUBERCULAR AGENTS toxicology)

IONESCU, I.  
SURNAME, Given Names

(2)

Country: Rumania

Academic Degrees: -not given-

Affiliation: Director, Scientific Research Institute for the Protection of Labor of the C.C.S. (Directorul Institutului de Cercetari Stiintifice ~~Sau~~ pentru Protectia Muncii al C.C.S.).

~~Extra~~ Source: Bucharest, Stiinta si Tehnica, Vol XIII, No 11, Nov 1961, pp 42.

*with Safety*  
Data: "Protection of Labor. Recent Achievements of the Scientific Research Institute for the Protection of Labor of the C.C.S."

IONESKU, Iosif [Ionescu, I.]; MACIDA, D. [translator]

Using the Soviet experience. Okhr. truda i sots. strakh. 4  
no. 2:59 F '61. (MIRA 14:2)

1. Direktor Bukharestskogo nauchno-issledovatel'skogo instituta  
okhrany truda Tsentral'nogo soveta profsoyuzov Rumynskoy Narodnoy  
Respubliki.

(Rumania--Industrial hygiene)

IONESCU, I.

PORTOKALE, R. [Portocala, R.]; DUMITRESKO, S. [Dumitresco, S.]; IONESCU, I.  
[Ionescu, I.]; BRONITSKIY, A. [Bronitki, A.]

Morphological characteristics of 3 types of influenza virus, including  
one with a double antigen. Vop. virus 6 no.4:408-415 J1-Ag '61.  
(MIRA 14:11)

1. Institut inframikrobiologii Akademii nauk Rumynskoy Narodnoy  
Respubliki, Bukharest.

(INFLUENZA)

COSTIN, I.D.; WEISZBERGER, A.; SCHIFTER, N.; IONESCU, I.

Staphylococcal toxininfection due to ice cream in a confectioner's laboratory. Rumanian med. rev. 19 no.2:19-22 Ap-Je'65.

L 35396-66 T JK

ACC NR: AP6026856

SOURCE CODE: RU/0023/66/011/002/0139/0145

AUTHOR: Busila, V. T.—Bushile, V. T. (Professor); Ionescu, I.—Ionescu, I. (Doctor); Popian, R.—Popian, T. (Doctor); Petrica, L.—Petriko, L. (Doctor); Vilcosanu, N.—Vylchamu, M. (Doctor); Crisan, Iona—Krishan, I. (Doctor); Pintea, Lia—Pintya, L. (Doctor)

ORG: Clinic of Infectious Diseases, Institute of Medicine, Timisoara (Clinica de boli infectioase, Institutul de medicina); Banat Region Veterinary Laboratory (Laboratorul veterinar regional Banat)

TITLE: Anthrax epidemic accompanying an epizooty among goats

SOURCE: Microbiologia, parazitologia si epidemiologia, v. 11, no. 2, 1966, 139-145

TOPIC TAGS: anthrax, epidemiology, human ailment

ABSTRACT: The authors report an epidemic of anthrax which followed by a few days an epizooty among goats with which the human patients came in contact. While in the human cases the disease of average intensity (only one case of septicemia), in the goats the disease was of the highly-acute septicemic type with many lethal cases (28.3 percent of the exposed animals). The epidemic affected 11 persons. Orig. art. has: 1 figure and 1 table. [Based on authors' Eng. abst.] [JPRS: 36,834]

SUB CODE: 06 / SUBM DATE: 22Feb65 / ORIG REF: 005 / OTH REF: 005

Cord 1/1 *ldh*

UDC: 616.981.51:614.4

0916 2611

ZAHARESCU, E., ing.; IONESCU, I., ing.

Study on the use of stabilized soil in the work of hydrotechnical constructions and hydroimprovement work. Hidrotehnica 8 no.10:361-371 0 '63.



EDUARD, Gheorghe, ing.; FRANCISC, Boros, ing. ~~ROSELIENE~~,  
VICTOR DRAGOS, ing. SANDA, C.; RADULESCU, C.; OLTEANU, C., ing.  
IONESCU, Ion; ALEXANDRU, Borat; Cvasnievschi, F.; NITU, V.I., ing.

Reserves of reduction of material consumption in constructions.  
Probleme econ 18 no.2:152-157 F '65.

1. Director, "Laminorul" Plant, Braila (for Eduard).
2. Director, "Mondial" Factory, Lugoj (for Francisc).
3. Head of the Technical Office, "Mondial" Factory, Lugoj (for Roseliese).
4. Director, Scaeni Glass Factory (for Vasile).
5. Director, "Victoria" District Enterprise of Local Industry, Tirgoviste (for Sanda).
6. Chief Engineer, "Victoria" District Enterprise of Local Industry, Tirgoviste (for Radulescu).
7. Director, Regional Trust for Constructions, Arges (for Olteanu).
8. Chief Engineer, Regional Trust for Constructions, Arges (for Ionescu).
9. Director, Regional Trust for Local Constructions, Bucharest (for Alexandru).
10. Chief Engineer, Regional Trust for Local Constructions, Bucharest (for Cvasnievschi).
11. Director, Institute for Power Projects and Studies, Bucharest (for Nitu).

IONESCU, Ion, ing.

Improvement of soil characteristics stabilized with cement  
by the aid of admixtures. Hidroteh apale meteor 9 no. 3:  
141-147 Mr '64.

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Study of the mineral binding materials for soil stabilization.  
Studii geotehn fund constr hidro 7:287-340 '64.

IONESCU, I., Calcan, V.; Goldenberg, N.

Plastic masses on the base of furfural and derivatives. IV. Influence of thermal treatment on certain resistances to progressive efforts to break textolite with furfural-phenol resin. p. 171  
(STUDII SI CERCEȚARI DE MECANICA APLICATA. Vol. 8, no. 1, Jan/Mar. 1957, Bucuresti, Rumania)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957, Uncl.