APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

HUNGARY

ZSEBOK, Zoltan, Dr, HERNADY, Tibor, Dr; Hungarian Academy of Sciences, Medical-Radiological Research Group (MTA -- Magyar Tudomanyos Akademia -- Orvos-Radiologiai Kutatocsoport), and Medical University of Budapest, Radiological Clinic (director: ZSEBOK, Zoltan, Dr, professor) (BOTE -- Budapesti Orvostudomanyi Egyetem -- Radiologiai Klinika).

"Study of the In-Vitro Radiation Sensitivity of Red Blood Cell Catalase."

Budapest, Magyar Radiologia, Vol XVIII, No 2, Apr 66, pages 68-71.

Abstract: [Authors' English summary modified] The results of experiments with erythrocyte-catalase irradiation are reported. On the basis of the results it is concluded that there is no direct radiation damage to red blood cell catalase in the course of treatment of patients or in the doses most frequently used for irradiation in animal experiments. Some fundamental concepts are discussed with respect to the "dilution effect" observed in the course of experimental irradiation and to the phenomenon of dosage-dependent radiation sensitivity. 1 Hungarian, 16 Western references.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

HUNGARY

ZSEBOK, Zoltan, Dr, PETRANYI, Gyozo, Dr, BAUMGARTNER, Edit, Dr, FACHET, Jozsef, Dr; Departmental Medical-Radiological Research Group of the Academy (chief: ZSEBOK, Zoltan, Dr) (Orvos-Radiologiai Akademiai Tanszeki Kutatocsoport), Budapest.

"Changes in Adrenocortical Function Following Supralethal Whole-Body Irradiation."

Budapest, Orvosi Hetilap, Vol 107, No 32, 7 Aug 66, pages 1496-1499.

Abstract: [Authors' Hungarian summary] The changes in adrenocortical function following supralethal irradiation were studied in rats. The blood corticosterone level, and the in vitro corticosterone and aldosterone secretion by the adrenals was determined at different times following whole body irradiation with 1300 r. It was determined that two phases appear in the adrenocortical hormone secretion; these were more pronounced in the case of corticosterone. Acute corticosterone hypersecretion appeared after irradiation; following its cessation, a renewed increase in corticosterone production developed 48-72 hours later. The two phases were not as pronounced in the case of aldosterone production. The observed changes in secretion were largely supported by the histological findings. In conclusion, the disturbances in salt and water balance are correlated with the changes in adrenocortical function. 4 Hungarian, 34 Western references.

1/1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEBOK, Zoltan, az orvostudomanyok doktora, egyetemi tanar

"Radiobiology" by Varteresz, Unger, Kalman and Sztanyik. Reviewed by Zoltan Zsebok. Magy tud 71 no.2:133-134 F'64.

1. Budapesti Orvostudomanyi Egyetem.

*

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZOLTAN, Zsebok, dr.

On evaluation of some shadow components in the roentgen picture of the thorax in newborn infants. Magy radiol. 13 no.5:263-273 S '61.

1. I sz. Sebeszeti Klinika (igazgato: hedri Endre dr., eggotenii tanar) Orrosi Radiologiai Osztalyanak kozlemenge.
(THORAX radiography) (INFANT NEWBORN radiography)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ACCESSION NR: AP4012309 H/0021/64/000/001/0001/0008

AUTHOR: Zsebok, Zoltan (Doctor); Petranyi, Gyozo (Doctor)

TITLE: The importance of quantitative changes in the extracellular water space for disturbances of the water circulation in experimental "intestinal x-ray death."

SOURCE: Magyar radiologia, no. 1, 1964, 1-8

TOPIC TAGS: extracellular space, intestinal x-ray death, gastro-intestinal tract, inulin space, inulin permeability of intestine, salt-deficit exsiccosis

ABSTRACT: The authors studied the gastro-intestinal x-ray syndrome in rats by the inulin method combined with ligation of the kidney hilum; they administered 1,300 r and noted the changes in the active extracellular space of the whole organism and the individual organs and in the inulin permeability of the gastro-intestinal tract after 24, 48 and 72 hours. They distinguished two reaction phases in the disturbance of the water equilibrium, concomitant with the gastro-intestinal x-ray syndrome. In the first, the extracellular space of the organs

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ACCESSION NR: AP4012309

increased parallelly with that in the entire organism, except for the brain and muscle tissues. In the second, it dwindled from 22 to 10.82% just before the animal's death. The amount of fluid transferred from the organism to the gastro-intestinal tract approximately equaled that lost from the extracellular space. The dwindling was uniform, except that the spleen inulin space increased slightly before death, and the small-intestine inulin space decreased only immediately before death. The damaged regulating mechanism could no longer correct the large-scale salt-deficit exsiccosis. The stepped-up inulin permeability of the intestine wall appreciably modified the apparent increase in the measured inulin space of the organism only after 72 hours. The authors evaluate and summarize their results in the light of the literature. Orig. has 4 tables.

ASSOCIATION: Magyar Tudomanyos Akademia Orvos-Radiologiai Kutatocsoport (Medical Radiology Research Section of the Hungarian Academy of Sciences).

SUBMITTED: 00	DATE ACQ: 27Feb64	ENCL: 00
SUB CODE: AM	NO REF SOV: 000	OTHER: 038

Card 2/2

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEBOK, Zoltan, dr.; PATRANYI, Gyozo, dr.

Significance of quantitative changes in extracellular fluid space in water imbalance in experimental "intestinal x-ray death". Magy. radiol. 16 no.1:1-8 F'64.

1. Magyar Tudomanyos Akademia Orvos-Radiologiai Kutatoscoportjanak kozlemenye (Vezeto: Zsebok Zoltan dr., egyetemi tanar).

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEBOK, Zoltan, az orvostudomanyok doktora, egyetemi docens

"General radiotherapy" by Ivan Rode. Reviewed by Zoltan Zsebok. Magy tud 70 no.6/7:499-500 Je-Jl '63.

1. Budapesti Orvostudomanyi Egyetem.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEBOK, Z.; PETRANYI, Gy. Jr.

Experimental investigation on the changes in the extracellular space in the radiation syndrome. Acta med. acad. sci. hung. 19 no.2:137-144 '63.

1. Medizinisch-radiologische Forschungsgruppe der Ungarischen Akademie der Wissenschaften.
(GASTROINTESTINAL SYSTEM) (RADIATION INJURY, EXPERIMENTAL)
(BODY FLUIDS)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEBOK, Z.; PETRANYI, Gy., jr.

Radiation effect on electrolyte and water balance, particularly on extracellular [illegible]. Acta med. acad. sci. hung. 19 no.1: 11-21 '63.

1. Radiobiological Research Laboratory, First Department of Surgery, University Medical School, Budapest.
(WATER-ELECTROLYTE BALANCE) (RADIATION EFFECTS) (URINE) (SODIUM) (POTASSIUM) (BODY FLUIDS) (CHLORIDES)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEBOK, Zoltan, dr.; TOROK, Istvan, dr.

Diagnostic value of kidney function tests performed with I^{131}-labelled hippuric acid. Magy. radiol. 15 no.5:257-266 S '63.

1. A Magyar Tudomanyos Akademia Orvosradiologiai Kutatocsoport kozlemenye.

(IODINE ISOTOPES, DIAGNOSTIC)
(KIDNEY FUNCTION TESTS)
(CONTRAST MEDIA) (UROGRAPHY)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEBOK, Z.

Radiological aspects of renal diseases. Acta med. acad. sci. Hung. 19:Suppl:95-101 '63.

1. First Department of Surgery, Medical University, Budapest.
(UROGRAPHY) (KIDNEY FUNCTION TESTS)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEBOK, Zoltan, dr.; PETRANYI, Gyozo, jr. dr.

Experimental data on internal electrolyte changes related to radiation diseases. Magy. radiol. 15 no.3:164-170 Je '63.

1. Az I. sz. Sebeszeti Klinika Orvos-Radiologiai Kutatocsoportjanak kozlemenye.

(WATER-ELECTROLYTE BALANCE) (RADIATION INJURY, EXPERIMENTAL)
(SODIUM) (GASTROINTESTINAL SYSTEM)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"
HUNGARY

ZSEBOK, Zoltan, Dr, PETRANYI, Gyozo, Jr, Dr; Medical-Radiological Research Group of the I. Surgical Clinic (Az I. sz. Sebeszeti Klinika Orvos-Radiologiai Kutatocsoportja).

"Experimental Data on the Internal Shift of Electrolytes Concomitant With Radiation Disease."

Budapest, Magyar Radiologia, Vol XV, No 3, June 63, pages 164-170.

Abstract: [Authors' English summary modified] The shift of electrolytes in the terminal phase of gastro-intestinal death in rats irradiated with 1200 r has been examined by the authors. The tests were done 72 hours after irradiation. Using the Na isotope and simultaneous inulin method, the changes in the exchangeable Na content of the organs, of the whole organism and of the extracellular space were determined. No characteristic change in the Na content of the intracellular space was detected by the method. The shift of a certain quantity of Na within the organism, directed from the extracellular space into the severely damaged intestinal tract is characteristic of the terminal phase of the gastro-intestinal syndrome. 4 Hungarian, 24 Western references.

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APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEBOK, Zoltan, dr; VODROS, Daniel

Practical value of gamma spectra. Magy. radiol. 15 no.1:34-42 Ja '63.

1. Magyar Tudomanyos Akademia Orvos-Radiologiai Kutatocsoportjanak kozlemenye.

(RADIOMETRY) (RADIOISOTOPES)

SZADECZKY-KARDOSS, Elemer; ZSEBOK, Zoltan, dr.; RUSZNYAK, Istvan, dr.; ANTALFFY, Gyorgy, dr.; BIHARI, Otto, dr.; CHOLNOKY, Laszlo, dr.; GRUBER, Jozsef, dr.; HAY, Laszlo, dr.; KESZTYUS, Lorand, dr.; MAGYARI, Andras, dr.; ORTUTATY, Gyula, dr.; PERENYI, Imre, dr.; PETRI, Gabor, dr.; POLINSZKY, Karoly, dr.; RAPCSAK, Andras; TORO, Imre, dr.; ZAMBO, Janos, dr.

Peace to the world! An appeal by the Committee on Science of the National Peace Council. Term tud kozl 6 no.6:241 Je '62.

1. Orszagos Beketanacs Tudomanyos Bizottsaganak elinoke (for Szadeczky-Kardoss). 2. Orszagos Beketanacs Tudomanyos Bizottsaganak titkara (for Zsebok). 3. Magyar Tudomanyos Akademia elnoke (for Rusznyak). 4. Szegedi Tudomanyegyetem rektora (for Antalffy). 5. Pecsi Tudomanyegyetem allamjogi karanak dekanja (for Bihari). 6. Pecsi Orvostudomanyi Egyetem rektora (for Cholnoky). 7. Budapesti Muszaki Egyetem rektora (for Gruber). 8. Marx Karoly Kozgazdasagtudomanyi Egyetem rektora, Budapest (for Hay). 9. Kossuth Lajos Tudomanyegyetem rektora, Debrecen (for Kesztyus). 10. Agrartudomanyi Egyetem rektora (for Magyari). 11. Eotvos Lorand Tudomanyegyetem rektora (for Ortutay). 12. Epitoipari es Kozlekedesi Muszaki Egyetem rektora (for Perenyi). 13. Szegedi Orvostudomanyi Egyetem rektora (for Petri). 14. Veszpremi Vegyipari Egyetem dekanja (for Polinszky).

(~~To be continued~~)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEBOK, Z.

Endre Hedri (1893-1962). Orv. hetil. 103 no.49:2325-2326 9 D '62.
(OBITUARIES)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

HUNGARY

ZSEBOK, Zoltan, Dr; [no affiliation given]

"Report on the Tenth International Congress of Radiology Held in Montreal."

Budapest, Magyar Radiologia, Vol XV, No 2, Apr 63, pages 110-117.

Abstract: [Author's English summary modified] A report on the congress with a short review of the conferences and the experiences gained by the author during his visits in the Canadian radiological institutes are presented. An account is given of the International Radio-Sensitivity Symposium held in Quebec and the problems of Canadian radiologists are discussed. No references.

1/1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

KOVACH, F.[Kovats, Ferenc]; ZHEBEK, Z.[Zsebok, Zoltan], dots.; KRAUZE, R.E.[Krause, R.Ĕ.(translator)]; YUKHAS, I.[Juhasz,I.], red. izd-va; DONDOR, A., tekhn. red.

[X-ray anatomical bases for studying the lungs]Rentgenanatomicheskie osnovy issledovaniia legkikh. 9., perer. i dop. izd. Budapest, Akademiai Kiado, 1962. 376 p. (MIRA 15:12)

1. Starshiy vrach nauchno-issledovatel'skogo instituta tuberkuleza, Budapesht (for Kovach). 2. Khirurgicheskaya universitetskaya klinika, Budapesht (for Zhebek).

(LUNGS--RADIOGRAPHY)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

HUNGARY

ZSEBOK, Zoltan, Dr, VORSOS, S. Aed; Hungarian Academy of Sciences, Physician-Radiological Research Group (Magyar Tudomanyos Akademia, Orvosi-Radiologiai Kutatocsoport)

"The Practical Value of Gamma Spectra."

Budapest, Magyar Radiologia, Vol XV, No 1, Jan 1963, pages [illegible].

Abstract: [Authors' English summary modified] The spectrum of gamma radiating radioactive isotopes is necessary for the evaluation of the character of radiation. The practical methods of recording are discussed. The elements of the scintillation spectrometer, the transformation of gamma quanta into electric impulses, that is, registrable signals and the analysis of the gamma spectrum is presented. Identification of the emitting compound by this method is discussed. Finally, the registration capabilities of the apparatus are demonstrated by an example. [illegible] references.

1/1

26

ZSEBOK, Zoltan, dr.; TOROK, Istvan, dr.

Some problems of thyroid function tests with radioactive iodine, a scintigraphic method. Magy. radiol. 14 no.4:193-200 Jl '62.

1. A Budapesti Orvostudomanyi Egyetem I. Sebeszeti Klinikaja (igazgato: Hedri Endre dr egyetemi tanar) Orvosi-Radiologiai Kutato Csoportjanak kozlemenye.

(THYROID GLAND physiol) (IODINE radioactive)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

HUNGARY

ZSEBOK, Zoltan MD; [Affiliation not given].

"Endre HEDRI, MD (1893-1962)"

Budapest, Orvosi Hetilap, Vol 103, No 49, 9 Dec 62; pp 2305-2306.

Abstract: Obituary of Endre HEDRI, MD, who died on 11 Nov 62. Dr HEDRI was a surgeon and since 1947 Professor of Surgery at the University of Budapest.

1/1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEBOK, Z.; MESTER, E.

Role and importance of the "hard-ray" method in modern x-ray diagnostics. Acta Chir. Acad. Sci. Hung. 2 no.4:460-471 '61.

(RADIOGRAPHY)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEBOK, Z.

Value of radioprotective substances in the light of recent radiobiological researches. Acta chir. Acad. Sci. Hung. 3 no.1:xxi-xxxi '62.

(RADIATION PROTECTION)
(MERCAPTOETHYLAMINES pharmacol)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEBOK, Zoltan, az orvostudomanyok doktora, egy. docens (Budapest)

Role of radioisotopes in clinical diagnosis. Magy tud 68 no.3: 169-174 Mr '61. (EEAI 10:6)

1. Budapesti Orvostudomanyi Egyetem.
(Diagnosis) (Radioisotopes)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSMBOK, Z.

Roentgenanatomical contribution to the physiological variations of the neurocranium. Acta med. hun. 14 no.4:433-447 '59.

1. Rontgenabteilung der I. Chirurgischen Klinik der Medizinischen Universitat, Budapest.
(SKULL radiography)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEBOK, Zoltan, dr.

Hungarian views on Soviet radiological institutes. Magy radiol 12 no.1:4-10 Mr '60.
(RADIOLOGY)

721. **Experimental investigations on the reactions of the vascular walls to the action of contrast media** Experimentelle Untersuchungen über Gefässwandreaktionen auf Kontrastmitteleinwirkung. ZSEBÖK Z. Röntgenabt., I. Chir. Univ.-Klin., Budapest *Fortschr. Röntgenstr.* 1959, 90/1 (75—84) Graphs 3 Illus. 5

An anisotonic, otherwise indifferent solution, which would have no effect whatever after injection into the circulation, is non-existent. The lesions observed with reference to the application of di- or tri-iodized contrast media, consist of local or general reactions. In animal tests the administration of 1.5 g. 70% di-iodized contrast medium per kg. body weight in the vena cava superior lowers the blood pressure about 40 mm. Hg. After a short apnoea and lapse of 1-2 min. the situation is normalized again. More animal tests showed that similar lowering of blood pressure and similar symptoms are caused by other hypotonic solutions as well, if their molecular concentration corresponds to that of the 70% contrast medium. To explain local reactions the contrast medium was injected into stretches of veins previously emptied and blocked and after waiting 2 min. for the contrast medium to take effect the endothelium was found to be absolutely normal histologically. A higher concentration may provoke changes in the vascular wall, mainly when the

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medicine is continually active. Vessels of great capacity and with a high velocity of blood flow show no lesions of the inner coat even after application of a medium with a high concentration for a relatively longer time.

Zsebök - Budapest

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEBOK, Zoltan, dr.

Certain problems of roentgenotherapy of inoperable neuro-ectodermal tumors. Magy.radiol. 11 no.4:193-201 N '59.

1. A Budapesti Orvostudomanyi Egyetem I. sz. Sebeszeti Klinikaja (igazgato: Hedri Andre dr. egyetemi tanar) Rontgen osztalyanak (vezeto: Zsebok Zoltan dr. Kossuth-dijas egyetemi docens) kozlemenye.

(BRAIN neopl)
(RADIOTHERAPY)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEBOK, Zoltan, dr.; WACHTL, Istvan, dr.; SZY, Sandor, dr.; SELLEI, Gamillo, dr.

Influence of subcutaneously and intramuscularly administered zymosan on the properdin titer of serum and on leukocyte count in animal experiments. Orv.hetil. 101 no.7:226-229 F '60.

1. Budapesti Orvostudomanyi Egyetem, I. sz. Sebeszeti Klinika, Rontgen Osztaly es Sugarbiologiai Kutotolaborotorium.
(POLYSACCHARIDES pharmacol.)
(PROPERDIN)
(LUEKOCYTES)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

1257. DATA ON SURGICAL AND RADIOANATOMY OF THE PANCREAS - Angaben zur chirurgischen und Röntgenanatomie des Pankreas - Zsebök Z. and Mészáros G. Röntgenabt., I. Chir. Klin., Med. Univ., Budapest - ACTA MED. ACAD. SCIENT. HUNG. (Budapest) 1957, 11/1 (139-158) Illus. 13

The term X-ray anatomy is explained. Pancreatography and its possibilities were explored in 100 cadaver preparations. It was found that they differ to some degree from the data in the literature. Several so far unobserved variations in the excretory system of the pancreas may be found, which are important from the view-

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1257

point of the radiodiagnosis of the glands and successful surgical operation. (IX, 14)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

2886. BONE MARROW PHLEBOGRAPHY - Die osteomedullare Phlebographie - Zaebok Z. and Gergely R. Röntgenabt., I. Chir. Univ.-Klin., Budapest - DTSCH. MED. WSCHR. 1958, 83/3 (106, 109-110 and 113-114) Illus. 11

Ordinary phlebograms are sometimes insufficient, as the direction of the circulation may have changed and the blood may be directed from the deep venous system to the superficial veins. This is why the former sometimes do not fill. Bandaging of the leg to obtain deep filling sometimes results in spasms of the deep veins with incomplete filling. The authors use the following method: injection of a commercial solution of Na acetrizoate ('triopac 400') into the head of the tibia (presentation of the femoral veins), or into the heel bone (for the veins of the lower leg), preceded by injection of 1% procaine solution. Photos are taken under fluoroscopic guidance, in 2 planes. The patient is examined standing up and lying down. In the former case the veins fill within 2 min.; in the latter case they fill within 5 min. In circulatory disturbances the difference is greater. If necessary, serial pictures are made, as otherwise thrombotic occlusions may be simulated by incomplete filling. Lymphangiography is performed at the same time if necessary. Sometimes filling of the deep veins does not take place because of spasm of these veins. Anatomical variations of the popliteal vein are seen more often than they are described by anatomists. The venous valves are not arranged regularly in most cases. Phlebography should always precede any surgical intervention. In thrombosis of the femoral vein, this may be filled retrogradely by collaterals. In thrombosis of the iliac vein, collateral circulation via the superficial epigastric vein or the scrotal venous system may be observed. Heckmann - Munich (XIV, 9)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEBOK, Z.

Country : HUNGARY

Category : Human Anatomy. 2-2
Cytology.

Abs. Jour : Ref Zhur-Biol., No 14, 1958, 74000

Author : Zsebok, Z.; Szolnky, A.; Nagy, E.

Institut. : Hungarian Academy of Sciences.

Title : Data on the Anatomy of the Bronchial System and the Lungs' Angioarchitecture in Rabbits.

Orig Pub. : Acta Morphol. Acad. Sci. Hung., 1957, 7, No 4, 367-382

Abstract : The lung lobes, bronchus and blood vessels of 37 embryos 2-9 months old and of 7 heads of young rabbit stock (1-2 years) were investigated by X-rays and on corrosion preparations. In the total weight of both lungs (without the bronchus) amounted to [illegible] g, the weight of the upper lobe of the right lung amounted to 140 g, that of the left to [illegible] g; each cardiac lobe weighed 55 g, the diaphragm part of the right lung weighed 320 g, of the left lung 270 g, the

Card: 1/4

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

Country : HUNGARY

Category : Farm Animals. 2-2
Cattle.

Abs. Jour : Ref Zhur-Biol., No 14, 1958, 74000

Author :

Institut. :

Title :

Orig. Pub. :

Abstract : main bronchus and about 1.1 times greater than the greatest length of the lungs (the distance from the top of the lungs to the end of their base). The angle between the main bronchi equals about 55°, the right main bronchus forms an angle of 60° with the center line, the left forms an angle of 35°. The branches of the pulmonary artery are situated at the lateral side of the corresponding bronchi (with the exception of upper lobes where they

Card: 3/4

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEBOK, Zoltan

Roentgen morphology and radiotherapy of lung carcinoma. Tuberkulozis 12 no.2:33-40 Feb 59.

1. A Budapesti Orvostudomanyi Egyetem I. sz. Sebeszeti Klinikaja (Igazgato: Hedri Endre dr. egyetemi tanar) Rontgenosztalyanak (Vezato: Zsebok Zoltan dr. egyetemi docens) kozlemenye.

(LUNG NEOPLASMS
x-ray diag. & radiother. (Hun))
(RADIOTHERAPY, in various dis.
cancer of lungs (Hun))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEBOK, Z.R., dr.

The value of sulphhydryl compounds as radioprotective substances, in the light of modern radiobiological researches. Ther. hung. 11 no.1:14-19 '63.

1. Medico-Radiological Research Group of the Medical University, Budapest.

(SULFHYDRYL COMPOUNDS) (RADIATION PROTECTION)
(RADIATION INJURY, EXPERIMENTAL)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

FAY, Gyula; ZSELEV, Borisz

Application of Kolmogorov's theory of crushing in the field of investigating grindableness. Epitoanyag 14 no.6:209-217 Je '62.

1. Hotechnikai Kutato Intezet.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

HUNGARY

FAY, Gyula, ZSELEV, Boris; Research Institute of Heat Technology (Hotechnikai Kutato Intezet), Budapest.

"Investigation of Burning Processes by the Method of Stationary States of Heat."

Budapest, Magyar Kemiai Folyoirat, Vol 69, No 8, Aug 1963, pages 347-354.

Abstract: [Authors' Hungarian summary] The conditions for burning, extinction and ignition have been investigated mathematically, based on zero dimension, adiabatic and Vulisz-type reactor model burning processes. The problems of stability in burning processes have been examined and the conditions for stability and lability determined. 3 Eastern European references.

1/1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSELEV, Boris [Zhelev, Boris]

On the theory of turbulence and its technical application. Fiz szemle 13 no.4:102-109 Ap '63.

1. Hotechnikai Kutato Intezet.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

FAY, Gyula; ZSELEV, Borisz [Zhelev, Boris].

Relative comparative process for the determination of grindability characteristics. Epitoanyag 15 no.4:111-112 Ap '63.

1. Hotechnikai Kutato Intezet.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

FAY, Gyula; ZSELEV, Boriszz

Investigation of mixing processes in free turbulent rays.
Energia es atom 17 no.7:312-314 Jl '64.

1. Electric Power Industry Research Institute.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSHAK, A. T.

Zshak, A. T. NONMETALLIC INCLUSIONS IN STEEL AT THE KRASNY OKTOBRYA WORKS. Ogneupory, 8, 376 (1940). — Analysis of nonmetallic inclusions in the ingots proved that such inclusions did not always originate from the erosion of the refractories. The main cause was found to be in the use of an excess of metallic aluminum for the reduction in the ladle.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

Zebek, A. T. NONMETALLIC INCLUSIONS IN STEEL AT THE KRASNY OKTOBRA WORKS. *Ogneupory*, 8, 315 (1940).—Analysis of nonmetallic inclusions in the ingots proved that such inclusions did not always originate from the erosion of the refractories. The main cause was found to lie in the use of an excess of metallic aluminum for the reduction in the ladle.

6

Zabak, A. T.—NONMETALLIC INCLUSIONS IN STEEL AT THE KRASNY OKTOBRA WORKS. *Ogneupory*, 8, 375 (1940).—Analysis of nonmetallic inclusions in the ingots proved that such inclusions did not always originate from the erosion of the refractories. The main cause was found to lie in the use of an excess of metallic aluminium for the reduction in the ladle.

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PROCESSES AND PROPERTIES INDEX

Cukoripar

THE SUGAR INDUSTRY
Vol. 111. - 1950
No. 11, Nov.

I Tóth Zsigá
Intensifying the movement for saving material in the sugar industry 249-252

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEBOK, Zoltan

Development of radiology in the past decade. Orv. hetil. 100 no.16: 561-568 19 Apr 59.

1. A Budapesti Orvostudomanyi Egyetem I. sz. Sebeszeti Klinikaja (igazgato Hedri Endre dr. egyetemi tanar) Rontgen osztalyanak (vezeto: Zsebok dr. egyet. docens, az orvostud. doktora) kozlemenye.

(RADIOLOGY
progr. in past decade (Hun))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

764. ZSEBOK Z. I. Chir. Univ.-Klin., neurochir. Inst., Budapest. Röntgenstrahlenbehandlung bei Hirntumoren mit besonderer Hinsicht auf die neurocktodermalen Geschwülste *X-ray therapy in cerebral tumours with special regard to neuroectodermal tumours* Arch. Geschw.forsch. 1955, 8/3 (246–257) Graphs 4 Tables 2 Illus. 3

During 52 months in the years 1948–1952, a total of 168 patients were treated for tumour of the brain, 101 of them being neuroectodermal tumours. In every series 3,000 to 10,000 r. were applied without radiation injuries. Inoperable patients were ameliorated and often able to work after treatment.

Körbler — Zagreb

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

IVAN TANEV; ASZEN HADZSOLOV; SZAVA ZSELJAZKOV; PETKO STEREV

Clinical and experimental studies on scarlatinal glomerulonephritis and the mild symptoms of kidney damage. Gyermekgyogyaszat 9 no.1-3: 1-5 Jan-Mar 58.

(SCARLET FEVER, compl.
glomerulonephritis, diag. significance of early mild renal sympt. (Hun))
(GLOMERULONEPHRITIS, etiol. & pathogen.
scarlet fever, diag. significance of early mild renal sympt. (Hun))

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

FAY, Gy.; ZSELEV, B. [Zhelev, B.]

Mathematical foundations for the granulometric analysis of a multitude of ground grains. Acta techn Hung 44 no.3/4: 237-260 '63.

1. Forschungsinstitut fur Warmetechnik, Budapest.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

FAY, Gyula; ZSELEV, Borisz

Application of the analogy theory in the analysis of transport processes. Muszaki kozl MTA 33 no.1/4:351-363 '64

1. Hotechnikai Kutato Intezet, Budapest.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

FAY, Gyula, kandidatus; ZSELEV, Borisz, kandidatus

Some technophysical questions of granularity. Magy fiz folyoir 12 no. 2:151-172 '64.

1. Research Institute of Heat Engineering.

FAY, Gyula; ZSELEV, Borisz

Concept of the theory of physical similarity. Pt.3.
Fiz szemle 13 no.11:349-354 N '63.

1. Hotechnikai Kutato Intezet.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSELEV, Borisz, tudomanyos munkatars

Thermodynamics of heat radiation and foundations for the calculation of heat transfer occurring through radiation in combustion chambers. Energia es atom 16 no.12:517-529 D '63.

1. Hotechnikai Kutato Intezet.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

FAY, Gyula; ZSELEV, Borisz [Zhelev, Boris]

Concept of the theory of physical similarity. Pt.2. Fiz szemle 13 no.10:318-323 O'63

1. Hotechnikai Kutato Intezet.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

FAY, Gyula; ZSELEV, Borisz [Zhelev, Boris]

Data on the concept of the theory of physical similarity. PT.1.
Fiz szemle 13 no.9:271-275 S '63.

1. Hotechnikai Kutato Intezet.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

FAY, Gyula, okl.gepeszmernok; ZSELEV, Horiaz, okl.gepeszmernok

Application of Kolmogorov's theory of crushing in grinding a mixture of materials with different specific gravity. Energia es atom 14 no.12: 550-552 D '61.

1. Hotechnikai Kutato Intezet.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEMBERI, S.

HUNGARY / General and Specialized Zoology. Insects. P
Insect and Mite Pests.

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 44859

Author : Zsemberi, S.
Inst : Not given
Title : The Control of Sugar Beet Pests.

Orig Pub : Magyar mezogazd, 1957, 12, No. 4, 12-13.

Abstract : None given

Card 1/1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

[illegible], [illegible], dr., [illegible]; [illegible], [illegible], [illegible], [illegible]

Application of mist cooling in metal cutting. Gép 16 no. 6: 203-211 Je '64.

1. Chair of Machine Building Technology, Budapest Technical University. 2. Editor-in-Chief, "Gép" (Per Lettner).

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEMBERY, Gyula, dr.

The first Hungarian-manufactured Danube-seagoing vessel started from Budapest thirty years ago. Kozleked kozl 20 no.41:674-677 11 O '64.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEMBERY, Gyula, Dr.

Sea navigation of African countries. Kozlekod kozl 18 no.10:161-162 11 Mr '62.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEMBERY, S.

The turnip-top louse. p. 9. (Magyar Mezogazdasag, Vol. 11, no. 2, Jan. 1956 Budapest)

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

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEMBERY, S.

Forecasting sugar beet insects for 1956. p. 14. (Magyar Mezogazdasag, Vol. 11, no. 6, Mar. 1956 Budapest)

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

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSEMBERY, S.

Forecasting sugar-beet parasites for 1959. p.123.

CUKORIPAR. Budapest, Hungary. Vol. 12, no. 5, May 1959.

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

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

HUNGARY / General and Specialized Zoology - Insects. P

Abs Jour : Ref Zhur - Biologiya, No 5, 1959, No. 20909

Author : Zsembery, Sandor
Inst : Not given
Title : Forecast (Population) of the Beet Pests in 1958

Orig Pub : Magyar mezogazd., 1958, 13, No 7, 12-13

Abstract : No abstract given

Card 1/1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSERBO, Gyorgy

Buttenhole drilling by new technology. Musz elet 17 no.26:16 20 D '62.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSIDAI, Jozsef

The Technical University of the Heavy Industry Library. Borsod szemle 7 no.5:94-97 '63.

1. Nehezipari Muszaki Egyetem Konyvtara vezetoje.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSIDAI, Jozsef

Professional literature in the service of scientific research in Upper Hungary. Borsod szemle 8 no.4:20-23 '64.

1. Director, University Library, Miskolc.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSIDAI, Pal

The manager's fund. Hung TU no.1:10-11 Ja '62.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSIDAI, Pal

Which is revealed by labor protection statistics in the Lang Machine Factory. Munka 10 no.2:10 F '60.

1. "Nepszava" munkatarsa.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSIDI, Gyula

The Beloiannisz Factory's trade union committee and the workers' daily problems. Munka 11 no.4:10 Ap '61.

1. Szakszervezetek Orszagos Tanacsa szervezesi osztalyanak munkatarsa.

(Hungary—Telecommunication)
(Hungary—Trade unions)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

Urology

HUNGARY

KINCSES, Jozsef, Dr, CSASZAR, Jozsef, Dr, BORS, Gyozo, Dr, HALLER, Antal, Dr, ZSIFKOVICS, Istvan, Dr; Medical University of Pecs, Urological Clinic (director: BALOGH, Ferenc, Dr) (Pecsi Orvostudomanyi Egyetem, Urologiai Klinika), Pecs City Ambulant Services, Urological Specialist Service (director: KOZOR, Jozsef, Dr) (Pecsi Varosi Rendelointezet, Urologiai Szakrendeles), and Medical University of Pecs, II. Surgical Clinic (director: KARLINGER, Tihamer, Dr) (II. Sebeszeti Klinika).

"Experimental Data on the Effect of Various Anaesthetic Procedures on Renal Function."

Budapest, Orvosi Hetilap, Vol 108, No 7, 12 Feb 67, pages 296-298.

Abstract: [Authors' Hungarian summary] The effect of various anaesthetic procedures on renal function has been studied and the observations made are reported. It is stressed that an impairment of renal function must be reckoned with not only in urological operations but in other surgical procedures as well, especially when the patients are of advanced age. Particular importance is attributed to the combined effect of surgical stress and anaesthesia on renal function in the case of absent or impaired concentrating ability. Therefore, it is recommended that the question of renal contraindication be also raised before every more major surgical intervention. 3 Hungarian, 2 Western references.

1/1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

TOTH, Emil; MEHES, Karoly; SZABO, Emil; ZSIFKOVICS, Istvan

Sex chromatins in the leukocytes in women of various ages. Magy noorv. lap. 24 no.1:36-39 Ja'61.

1. A Pecsi Orvostudomanyi Egyetem Szuleszeti es Nogyogyaszati Klinikajanak (Igazgato: Lajos Laszlo dr. egyetemi tanar) es Korbonctani Intezetenek (Igazgato: Romhanyi Gyorgy dr. egyetemi tanar) kozlemenye.

(CHROMOSOMES) (LEUKOCYTES) (AGING)
(SEX CHARACTERISTICS)

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

KINCSES, J.; CSASZAR, J.; BORS, Gy.; ZSIPKOVICS, I.

Experimental data on the effect of various anesthetic methods on the kidney function. Acta chir. acad. sci. Hung. 6 no.4: 417-423 '65.

1. Urologische Klinik (Direktor: Prof. Dr. F. Balogh) und II. Chirurgische Klinik (Direktor: Prof. Dr. T. Karlinger) der Medizinischen Universitet Pecs, und Stadtisches Urologisches Fachambulatorium (Chefarzt: Dr. J. Kobor), Pecs. Submitted January 18, 1965.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSIFKOVITS, Janos, okleveles muszereszmernok

Dentafom "Super" universal dental equipment. Meres automat 10 no.10: 322-325 '62.

1. Fogrovosi Muszergyar.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

GULYAS, Lajos, dr.; ZSIGA, Imre, dr.; LISZKAI, Laszlo, dr.

Giant-cell reticulosis associated with epileptic symptoms. Orv. hetil. 106 no.15:705-707 11 Ap '65

1. Magyar Nephadsereg Egeszsegugyi Szolgalata.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSIGA I.
(1685)

Budapesti Tudomanyegyetem I. Belklinikajarol. Egyszeru carbamid-meghatarozas serumban es vizeletben A simplified method of urea determination in serum and urine Orvosi Hetilap 1948, 89/22 (343-345) Tables 1

A photometric determination of urea in o. 2 ml. of blood serum is developed. The method is based on urease action and subsequent photmetric determination of amonia.

Balint - Budapest

SO: Excerpta Medica, Vol. 11, No. 4, Sect. 11 - April 1949

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSIGA, Lajos (Miskolc)

What do the underpass and the island platform mean to the passengers at Miskolc-Tisza railway station? Vasut 15 no.2: 18-19 F '65.

1. Hungarian State Railways.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

CSANADI, Gyorgy, dr.,egyetemi tanar; FASKERTI, Sandor; SZABO, Dezso, dr., a kozlekedestudomanyok kandidatusa, okl.mernok; CSUHAT, Denes; TAKACS, Endre; CSABAI, Rudolf; NAGY, Rudolf; KUTAS, Laszlo,mernok; VASARHELYI, Boldizsar, dr.,a muszaki tudomanyok doktora, tanszekvezeto egyetemi tanar; KOLLER, Sandor, muegyetemi adjunktus; KALNOKI KISS, Sandor; GYOMBER, Sandor; TALLO, Gyula;KOZARY, Istvan; SZILAGYI, Lajos; HEGYI, Kalman,okl.mernok; BERCZIK, Andras; MARKI, Laszlo; PALFI, BUDINSZKI, Endre; NAGY, Endre,okl.mernok; SZATMARY, Ferenc; MAGORI, Judit; CSIKHELYI, Bela; MESZLERI, Zoltan; VERROSZTA, Imre; ZSIGA, Sandor; TOROK, Istvan; KONCZ, Laszlo; WESSELY, Ferencne; SZABO, Bela; KOMOROCZI, Lajos; GINTL, Jozsef; CSONTOS, Dezso; JAKAB, Sandor; LOVASZ, Istvan, mernok; KISS, Karoly; RODCHEL, Karoly

The City Transportation Conference in Szeged. Kozl tud sz 12 no.2: 49-54 F '62.

1. Akademiai levelezo tag, a kozlekedes- es postaugyi miniszter elso helyettese, es "Kozlekedestudomanyi Szemle" szerkeszto bizottsagi tagja (for Csanadi) 2. Kozlekedes- es Postaugyi Miniszterium Muszaki Felugyeleti Osztalyanak vezetoje (for Faskerti) 3. Fovarosi Tanacs Vegrehajto Bizottsaga VIII. Varosrendezesi es Epiteszeti Osztalyanak munkatarsa, es "Kozlekedestudomanyi Szemle" szerkeszto bizottsagi tagja (for Szabo)

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CSANADI , Gyorgy --- (Continued) Card 2.

4. Fomernok, Kozlekedes- es Postaugyi Miniszterium Kozlekedespolitikai Osztalyanak munkatarsa (for Csuhay) 5. Kozlekedes- es Postaugyi Miniszterium Autokozlekedesi Vezerigazgatosaganak szakosztalyvezetoje (for Takacs) 6. MAV fointezo, a Kozlekedestudomanyi Egyesulet miskolci teruleti szervezetenek titkara (for Csabai) 7. Fomernok, a Fovarosi Tanacs Vegrehajto Bizottsaga Kozlekedesi Igazgatosaga helyettes vezetoje (for Nagy) 8. Fovarosi Tanacs Vegrehajto Bizottsaga Kozlekedesi Igazgatosaganak fejlesztesi eloadoja (for Kutas) 9. "Kozlekedestudomanyi Szemle" szerkeszto bizottsagi tagja (for Vasarhelyi) 10. Csoportvezeto fomernok, Debrecen m.j. Varosi Tanacs Vegrehajto Bizottsaga Ipari es Kozlekedesi Osztaly (for Kalnoki Kiss) 11. Rendornagy, Csongrad Megyei Rendorfokapitanysag Kozrendvedelmi Osztalya (for Gyomber) 12. Fomernok, Miskolc m.j. Varosi Tanacs Vegrehajto Bizottsaga Epitesi es Kozlekedesi Osztaly (for Tallo) 13. Fomernok, Kozlekedes-es Postaugyi Miniszterium Utosztalya (for Kozary) 14. Favorosi Tanacs Vegrehajto Bizottsaga VIII. Varosrendezesi es Epiteszeti Osztalyanak vezetoje (for Szilagyi) 15. Ut-Vasutterveze Vallalat Kozlekedesi Osztalya vezetoje (for Hegyi) 16. BUVATI Kozlekedesi es Kozmuszakosztalyanak vezetoje, Budapest (for Berczik) 17. Pecs m.j. varos Tanacsa BV Epitesi es Kozlekedesi Osztalyanak vezetoje (for Marki)

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CSANADI, Gyorgy --- (Continued) Card 3.

18. Szeged m.j. Varosi Tanacs Epitesi es Kozlekedesi Osztalyanak fomernoke (for Palfi Budinszki) 19. Budapest Fovarosi Tanacs Melyepitesi Tervezo Vallalat iranyito tervezoje (for Endre Nagy) 20. Debreceni Kozlekedesi Vallalat igazgatoja (for Szatmary) 21. Budapest Fovarosi Tanacs Melyepitesi Tervezo Vallalat tervezomernoke (for Magori) 22. Budapest Fovarosi Tanacs Melyepitesi Tervezo Vallalat tervezomernoke (for Csikhelvi) 23. Miskolci Kozlekedesi Vallalat fomernoke (for Meszleri) 24. Kozlekedes- es Postaugyi Miniszterium Autokozlekedesi Foosztalyanak fomernoke (for Veroszta) 25. Szegedi Kozlekedesi Vallalat fomernoke (for Zsiga) 26. Miskolci Kozlekedesi Vallalat fokonyveloje (for Torok) 27. Debreceni Kozlekedesi Vallalat fomernoke (for Koncz) 28. Penzugyminiszterium foeloadoja (for Wessely) 29. Pecsi Kozlekedesi Vallalat igazgatoja (for Szabo) 30. Epitesugyi Miniszterium Varosrendezesi Foosztalyanak mernoke (for Komoroczi) 31. Fovarosi Villamosvasut Fomernoke (for Gintl)

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CSANADI Gyorgy --- (Continued) Card 4.

32. 51-es Autokozlekedesi Vallalat munkatarsa (for Csontos).
33. Ut-Vasuttervezo Vallalat irodavezeto fomernoke (for Jakab).
34. Budapesti Helyierdeku Vasutak osztalyvezetoje (for Lovasz).
35. Magyar Allamvasutek igazgatohelyettese (for Kiss, Karoly).
36. Magyar Allamvasutak vezerigazgathohelyettese (for Rodonyi).

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ZSIGACSOV, B.

"Use of Motor Engines Run By Liquefied Fuel In Switching Operations. Tr. From the Russian", P. 93, (KOZLEKEDESTUDOMANYI SZEMLE, Vol. 4, No. 3, Mar. 1954, Budapest, Hungary)

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

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

Zsiga, I. Toth.

Work in 1958 of the Sugar Industry Section of the Scientific Association of the Agricultural Industry and its groups in the sugar factories. p. 72

CUKORIPAR. (Cukoripar es Mezogazdasagi es Eleimiszeripari Tudomanyos Egyesulet.
Budapest, Hungary. Vol. 12, no. 3, March 1959.

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

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

Zsiga, I. Toth.

Work plan for the first half of 1959 of the Sugar Industry Section of the Scientific Association of The Agricultural Industry and its groups.
p.(3) of cover.

CUKORIPAR. (Cukoripar es Mezogazdasagi es Eleimiszeripari Tudomanyos Egyesulet.
Budapest, Hungary. Vol. 12, no. 3, March 1959

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

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

S/081/62/000/019/046/053
B101/B186

AUTHOR: Zsiga, László

TITLE: Manufacturing process for plastics using bulged pearlite

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 19, 1962, 560, abstract 19P372 (Hungarian patent 147344, August 15, 1960)

TEXT: Pearlite is added to the plastic molding powder or to the molding mass or granules to obtain solid plastics which are water-tight noncombustible, and colorless. Examples: (a) A mixture (parts by weight) is prepared of 60 bulged pearlite, 40 phenol formaldehyde resin of novolac or resol type, 6-8 hexamethylene tetramine, 0.5 - 1 stearin (or montan wax), 1-2 MgO, 0-10 pigment, and 0-1 plasticizer (dibutyl phthalate). This results in a powdered thermosetting material; (b) a mixture is prepared of 60 pearlite, 25 powdered polyvinyl chloride (or polystyrene), 15 plasticizer (dibutyl phthalate, etc.), 0.5-1 stearin, and 0-5 pigment. This results in a thermoplastic material. [Abstracter's note: Complete translation.]

Card 1/1

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSIGARJOV, P.

Designer of the first airplane in the world; in commemoration of the 130th anniversary of A. F. Mozhaiskii's birth, Tr. from the Russian, p. 4, REPULES, (Magyar Onkentes Honvedelmi Szovetseg) Vol. 8, No. 8, Apr. 1955,

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 4, No. 12, December 1955

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSIGARJOV, P.

Extension course for social instructors at Bekecsaba, p. 6, REPULES, (Magyar Onkentes Honvedelmi Szovetseg) Vol. 8, No. 8, Apr. 1955

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 4, No. 12, December 1955

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSIGMOND, Andras

Conditions of up-to-date power economy and evaporation in the sugar industry. Cukor 17 no. 6:163-172 Je '64.

1. Research Institute of the Sugar Industry; Editorial board member, "Cukoripar."

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSIGMOND, Andras; GRYLLUS, Vilmosne

Experimental examination of countercurrent ion-exchanging columns. Elelm ipar 18 no. 5: 143-148 My '64.

1. Hungarian Sugar Industry Research Institute.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSIGMOND, Andras; GRYLLUS, Vilmosne

Countercurrent ion-exchanging columns. Cukor 16 no.11: 305-310 N '63.

1. "Cukoripar" szerkeszto bizottsagi tagja (for Zsigmond).

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSIGMOND, Andras

The role and tasks of the Research Institute of the Sugar Industry in the development of the industry. Cukor 16 no.7:185-191 Jl '63.

1. Cukoripari Kutatointezet.

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

ZSIGMOND, Andras; GRYLLUS, Vilmosne

Countercurrent ion-exchanging column. Cukor 16 no.10:282-286 O '63.

1. Cukoripari Kutatointezet. 2. "Cukoripar" szerkeszto bizottsagi tagja (for Zsigmond).

APPROVED FOR RELEASE: Thursday, September 26, 2002 CIA-RDP86-00513R002065510018-3"

HORVATH, A.; HADNAGY, Cs.; SZOCS, G.; URSACE, L.; ERDELYI, A.; LUKACSY, I.; HUSZAR, I.; ZSIGMONDOVICS, E.

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