

MECIR, R.; PESATA, Vl., inz.

Information service on drilling technology. Rndy 12 no.2:67-68  
F\*64

1. Hlanicke strojirny 02 (for Mecir). 2. Ministerstvo chemickeho  
prumyslu (for Pesata).

MALKOVSKY, Karel, dr.; MECIR, Roman

A new explosive for borehole and surface blasts. Rudy 12 no.9:  
345-349 S '64.

1. Research Institute of Industrial Chemistry of the Vychodoceske chemicke zavody Synthesia National Enterprise, Vsetin (for Malkovsky).
2. Research Institute of Mechanical Engineering and Economics, Prague (for Mecir).

KR. VANEK, Lubomir, inz.; MECIR, Roman; SPESNY, Karel, inz.

Methods of calculating electric blasting networks. Fidy 13 no.1:  
22-30 Ja '65.

1. Research Institute of Mechanical Engineering and Economics,  
Prague.

MECIROVA, Ilja, inz.

Increasing the efficiency and safety of bulk blastings.  
Rudy 10 no.3:70-78 Mr '62.

1. Ustav pro vyzkum rud, Praha.

MECIROVA-JELINKOVA, I.

New Czechoslovak millisecond detonators. Prace p. 6.

RUDY. (Ministerstvo hutního průmyslu a rudných dolů) Praha, Czechoslovakia,  
Vol. 7, No. 6, June 1959.

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

Uncl.

MECIROVA-JELINKOVA, I.

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Millisecond blasting with the use of delay igniter cords. p. 208.

RUDY. (Ministerstvo hutniho prumyslu a rudnych dolu) Praha, Czechoslovakia,  
Vol. 7, No. 6, June 1959.

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

Uncl.

POLAND / Farm Animals. The Honeybee. Q

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 7414

Author : ~~Meciszewski, Josef~~

Inst : Not given

Title : The Transport of Bees by Water

Orig Pub : Pszczelarstwo, 1956, 7, No 12, 8-11

Abstract : No abstract given

Card 1/1

81

MECKIC, L.

Increase in the production of ornamentl glass and glass fibers in the glass industry  
in Pancevo. p. 10.  
(Hempro-bilten, Vol.6, No. 17/18, 1956, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.



MECKIC, L.

The Glass Factory in Pancevo as an example; small investment but big profit,  
science in the service of production. p. 7.  
(Hempro-bilten, Vol. 7, No. 4, 1957, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

MECKIC, Lazar

Production of window glass. Kem ind 9 no.9:SPK-55--SPK-56 S '60.

1. Savezna industrijska komora, Beograd.

MECL. Ant., Doc., MUDr.; ZWETSCHKE, Otakar, MUDr.

Contribution to the therapy of aplastic anemia. Cas. lek.  
cesk. 91 no.2:37-40 11 Jan 52.

1. 3 kliniky chorob vnitřních v Plzni: z. prednosta: doc.  
MUDr. Karel Bobek.

(ANEMIA, APLASTIC, etiology and pathogenesis  
neocarphenamine ther., eff. of blood transfusion)

(ARSPHENAMINE, injurious effects  
neocarphenamine ther. causing aplastic anemia, eff.  
of blood transfusion)

(BLOOD TRANSFUSION, in various diseases  
anemia, aplastic caused by neocarphenamine ther.)

MECL, A.

MECL, A.; SRAMEK, J.; HOLIK, F. "Determination of the position of the heart in kyphosecoliosis by chest and unipolar limb leads." p. 275. (Casopis Lekarů Ceských, Vol. 93, no. 11, March 1954. Praha.)

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

MECL, A., Doc. MUDr.; PETERA, V., MUDr.; LAHN, V., RMDr.; KUBICEK, J., MUDr

Method of determination of working capacity in infectious hepatitis;  
effect of work on lactic acid in the blood and on certain respiratory  
functions. Cas.lek.cesk. 93 no.26:707-713 Je '54.

1. Z kliniky chorob vnitrnich a ustrednich laboratorii statni  
fakultni nemocnice v Plzni. Prednosta: Doc. MUDr K.Bobek. Pracovni  
skupina doc. MUDr A.Mecla.

(HEPATITIS, INFECTIOUS, blood in,

\*lactic acid level as index of working capacity)

(LACTIC ACID, in blood,

\*in hepatitis, infect., index of working capacity)

(WORK,

\*determ. of workin g capacity in infect. hepatitis by  
lactic acid level in blood)

MECL, Ant. Doc. Dr.; KUBICEK, Jar. Dr.

Respiratory disorders in short term bronchitis. Cas. lek. cesk.  
93 no. 42:1168-1172 15 Oct 54.

1. Interni klinika v Plzni a ustr. laboratore st. fak. nem.  
(BRONCHITIS, complications  
respiration disord.)  
(RESPIRATION  
disord. in acute bronchitis)

M.E.C.I., A.

Influence of physical work upon the lactic acid level in infectious hepatitis. *Ar. Med. V. Peters, V. Lahn, and J. Kubisek (Med. Clinic, Eisen, Czech.). Acta Med. Scand. 140: 311-12 (1954).*—With the same amt. of work (5 kg./kg. body wt.) the blood level of lactic acid increases much more in persons suffering from infectious hepatitis than in healthy persons. In this situation, resists during convalescence.

body is: the blood level of lactic acid is elevated in persons suffering from infectious hepatitis than in healthy persons, and this elevation persists during convalescence. The lactic acid which the liver has been unable to remove affects unfavorably the efficiency of the work. The CO<sub>2</sub> liberated from the serum bicarbonate causes hyperventilation. All this is regarded as the main cause of the lassitude experienced in the acute stage of infectious hepatitis and in convalescence. S. Morgulis.



MECL, A.; PETERA, V.; LAHN, V.

Effect of physical effort on respiration in infectious hepatitis. Cas. lek. cesk. 94 no.39:1044-1047 23 Sept 55.

1. Z Interni kliniky a ustredujich laboratorii KUNZ v Plzni.

(HEPATITIS, INFECTIOUS, physiology,  
eff. of effort on resp. in.)

(RESPIRATION, in various diseases,  
hepatitis, infect., eff. of effort.)

(EXERCISE, effects,  
on resp. in infect. hepatitis.)

MECL, A., Doc., MUDr.; HULA, J., MUDr.

Brdicka's polarographic reaction in myocardial infarct and its clinical significance. Cas. lek. cesk. 95 no.37:1001-1005 14 Sept 56.

1. Interni klinika st. fakultni nemocnice v Plzni. Prednosta prof. dr. K. Bobek.

(CORONARY DISEASE, compl.

myocardial infarct, diag., polarographic filtrate reaction (Cz))

(MYOCARDIAL INFARCT, compl.

coronary dis., diag., polarographic filtrate reaction (Cz))

MECL, A.; PETERA, V.; LAHN, V.

Studies on a method of determination of working capacity in infectious hepatitis; clinical use of blood lactic acid and of certain respiratory functions following work load in evaluation of convalescence following infectious hepatitis. Cas. lek. cesk. 96 no.14:429-433 4 Apr 57.

1. Klinika chorob vnitřních a ústřední laboratorie KUNZ v Plzni.  
(HEPATITIS, INFECTIOUS, physiology,  
blood lactic acid & resp. index after work load in  
convalescence (Cz))  
(LACTIC ACID, in blood,  
in convalescence after infect. hepatitis, after  
work load (Cz))  
(RESPIRATION, function tests,  
in convalescence after infect. hepatitis, after work  
load (Cz))

MECL, Ant. (Plzen, Marxova 13.)

Chronic diseases of the respiratory tract. Cas. lek. cesk. 97 no.23-  
24:732-734 6 June 58.

1. Interni klinika v Plzni, prednosta prof. Dr. K. Bobek.  
(RESPIRATORY TRACT, dis.  
prev. in Czech. (Cz))

KASALOVA, D.; MECL, A.; PROKOP, J.; MALY, V.; WAGNER, V.; ZAVAZAL, V.  
Technicka spoluprace Sevakova, A.

Immunological findings in pregnancy toxemias. I. Tissue antibodies in pathological and normal pregnancies. Cas.lek.ceck. 98 no.38:1189-1192 18 S '59.

1. Porodnicka klinika Statni fakultni nemocnice v Plzni, prednosta prof.dr. Vl. Mikolas, Interni klinika Statni fakultni nemocnice v Plzni, prednosta prof.dr. K. Bobek, Ustav organizace zdravotnictvi v Praze, prednosta prof.dr. F. Prosek. Bakteriolog-serologicke odd. nemocnice na Bulovce, prednosta doc.dr. Vl. Wagner.  
(PREGNANCY TOXEMIAS immunol.)

MECL, A.

Relationship between medical supervision of physical education  
and cardiology. Cas.lek.cesk. 98 no.48:1488-1491 27 N '60.

1. Interni nemocnice Praha 3, Klimentaska 11, prednosta doc.dr.  
A. Mecl.

(CARDIOLOGY)  
(SPORT MEDICINE)

MECL, Antonin

The coronary picture in cor pulmonale. Cas. lek. cesk. 101 no.22:  
687-693 1 Je '62.

1. Interni nemocnice OUNZ Praha-Zapad, prednosta doc. dr. A. Mecl.

(PULMONARY HEART DISEASE physiol)  
(CORONARY VESSELS physiol)

TOMSIKOVA, A.; SACH, J.; HOREJSI, M.; MECL, A.; MALY, V.; technicka spoluprace  
NOVACKOVA, D.

Effect of mycotic flora on the development of chronic bronchitis. I.  
Role of yeasts. Cas. lek. cesk. 101 no.45:1339-1348 9 N '62.

1. Ustav pro mikrobiologii a epidemiologii v Plzni, prednosta doc. dr.  
J. Zahradnický Interni klinika lekárske fakulty KU v Plzni, prednosta  
prof. dr. K. Bobek. Ustav pro organizaci zdravotnictvi v Praze,  
prednosta prof. dr. F. Prosek.

(MYCOSES)

(BRONCHITIS)

(YEASTS)



MECL, Antonin

The syndrome of "kyphoscoliotic" heart. Acta chir. orthop. trauma.  
cech. 29 no.3:252-255 Je '62.

1. Interni nemocnice KUNZ v Praze 1, prednosta doc. dr. A. Meci.  
(KYPHOSIS pathol) (SCOLIOSIS pathol)  
(HEART pathol)

MECL,A.; SRAMEK,J.; PAZOUREK,M.; Technicka spoluprace: TOBOLKOVA,J.;  
HOUSKOVA, J.

Reaction of the blood pressure and pulse to artificial hypercapnia  
in pulmonary emphysema. Vnitřni lek. 11 no.3:209-215 Mr '65

1. Vnitřni nemocnice Obvodního ústavu národního zdraví, Praha  
západ, (prednosta :doc. Dr. A. Mecl) a vnitřni oddeleni Ústavu  
železničního zdravotnictví, Praha (prednosta: Dr. Jar. Sramek).

MECL, A.

The influence of glomectomy on bronchialasthma. Cas. lek.  
cesk. 104 no.17:449-453 30 Ap'65.

MEOL, A., doc. dr.

Rehabilitation in cardiology and its role in work capacity determination. Cesk. zdrav. 13 no. 5: 294-298 1965.

1. Interni nemocnice Krajskeho ustavu narodniho zdravi, Praha 1.

CZECHOSLOVAKIA

UDC 616.24-008.47-07

MECL, A.; Internal Department Okresni Institute of National Health  
(Interni Oddeleni OUNZ), Prague - West, Head (Vedouci) Docent Dr  
A. MECL.

"Some Problems in the Clinical Diagnosis of Dyspnea."

Prague, Casopis Lekarů Ceskych, Vol 105, No 35, 2 Sep 66, pp  
941 - 943

Abstract: Dyspnea is due to two factors, one somatic, the other  
psychic. The extent of the disease is not easy to determine  
because of the subjective attitude to the disease by the patients.  
The influence of prolonged afflictions is compared to the in-  
fluence of a developing affliction. Various diseases that may  
induce dyspnea are discussed. Influence of bronchitis and of  
the infarct is described. Constrictive pericarditis and obesity  
as factors affecting dyspnea are evaluated. Influence of the  
diseases of the blood circulation system on dyspnea is described.  
4 western, 5 Czech references. (Manuscript received Mar 66).  
1/1

CZECHOSLOVAKIA / Chemical Technology. Chemical Products. H  
Refining of Solid Fuels.

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 68684.

Author : ~~Mecl I.~~  
Inst : Not given.  
Title : Cyclic Operation of Coke Ovens.

Orig Pub: Paliva, 1958, 38, No 2, 51.

Abstract: Experiences of scheduled cyclic turn-around practices, operation and maintenance of coke ovens of the Czechoslovakian coke industry are analyzed. Such practice is conducted in accordance with the planned schedule.

Card 1/1

MASEK, Vaclav, inz., CSc.; MECL, Jaroslav, inz.

Coking of coal with heavy fuel oil addition in the coking plant  
Koksovna Ceskoslovenske armady in Karvina. Hut listy 18 no.6:  
388-393 Je '63.

1. Vyzkumny a zkusebni ustav, Nova hut Klementa Gottwalda,  
Ostrava - Kuncice (for Masek). 2. Koksovna Ceskoslovenske armady,  
Karvina (for Mecl).

MECLEWSKI, R.

Category : POLAND/Electronics - Electron Microscopy

H-4

Abs Jour : Ref Zhur - Fizika, No 2, 1957, No 4290

Author : Meclewski, R., Wojda, L.

Inst : Boleslaw Bierut University, Wroclaw, Poland.

Title : On the Influence of the Shape of the Nickel Point on the Electron Image in the Mueller Microscope.

Orig Pub : Acta phys. polon, 1955, 14, No 6, 501-503

Abstract : It is shown experimentally that under certain conditions a decisive role in the formation of the image in a field-emission microscope is played by the shape of the point, rather than difference in the work function of the different crystallographic phases or the state of their adsorbed covering, as is usually believed. Bibliography, 9 titles.

Card : 1/1



POLAND/Electronics - Electron and Ion Emission

H-2

Abs Jour : Ref Zhur - Fizika, No 1, 1959, No 1335

Author : Maclewski Ryszard Wojda Lucjan

Inst : -

Title : The Role of the Emitter Shape in Cold Emission Research

Orig Pub : Acta phys. polon., 1957, 16, No 1-2, 25-33

Abstract : Using a cold-emission microscope, the authors have observed the variation in the electron images of nickel and iron points, due to changes in the incandescent temperature and applied voltage. It is observed that in the case of weakly heated points the electron emission comes from the corners of the ribs of the single-crystal point. This is explained by the fact that owing to surface migration of the atoms or to plastic deformation in the corners of the crystal, the electrons accumulate and produce a local increase in the electric field intensity. The resultant distribution in the current density reproduces on the electronic images the shape of the surface of the single crystal, forming the end

Card : 1/2

MECLEWSKI, Ryszard; NIKLIBORG, Jan; WOJDA, Lucjan

Field emission microscope investigation of iron migration. Acta  
physica Pol 21 no.2:189-191 F '62.

1. Department of Experimental Physics, University, Wroclaw.

**MECLEWSKI, R.; NIKLIBORC, J.; WOJDA, L.**

Surface migration measurements on nickel by the method of field emission. Acta physica Pol 22 no.6:525-526 D '62.

1. Institute of Experimental Physics, University, Wroclaw.

CZECHOSLOVAKIA/Virology - Viruses of Man and Animals. B  
The Virus of Infectious Mononucleosis.

Abs Jour : Ref Zhur Biol., No 6, 1959, 23853

Author : Kouby, K., Mecnikove, E., Vyborne, M.

Inst : -

Title : Remarks About the Article of Kouby, Mecnikove and  
Vyborne: On the Etiology of Infectious Mononucleosis.

Orig Pub : Casop. lekaru ceskych, 1958, 97, No 22, 696-697

Abstract : No abstract.

Card 1/1

MECS, E.

Inhibition of interferon action and production by adenine.  
Acta virol. 8 no.5:475 S '64.

1. Institute of Microbiology, Medical University, Szeged,  
Hungary.

BELADI, Ilona; KUKAN, Ester; MECS, I.; SZOLLOSY, E.

Preparation of primary human amnion tissue cultures. Acta microb.  
hung. 7 no.3:307-311 '60.

1. Institute of Microbiology, University Medical School, Szeged.  
(TISSUE CULTURE)  
(AMNION)

MECS, I.; SZOLLOSY, E.; KUKAN, Eszter; BELADI, Ilona

Aetiological and epidemiological studies of poliomyelitis in Szeged,  
1956-1959. Acta microb. hung. 8 nol:15-19 '61.

1. Institute of Microbiology, University Medical School, Szeged.  
(POLIOMYELITIS epidemiol.)

KOLTAY, Miklos, dr.; SZOLLOSY, Ervin, drl; MECS, Imre, dr.; ZENGEI, Klara, dr.

Etiological studies on intestinal diseases and acute respiratory diseases in infant homes. Gyermekgyogyaszat 13 no.7:201-209 J1 '62.

1. A Szegedi Orvostudományi Egyetem Mikrobiológiai Intézetének és Gyermekklinikájának közleménye.

(RESPIRATORY SYSTEM dis) (GASTROENTEROLOGY)  
(INFANT NUTRITION DISORDERS in inf & child)



MECS, I.; DOMJA, Gy.; SZEPESSY, G.

Alkaline phosphatase activity of normal and poliovirus infected  
HeLa cells. Acta microbiol. acad. sci. Hung. 11 no.1:43-49 '64.

1. Institute of Microbiology (Director: G. Ivanovics), Institute  
of Biochemistry (Director: G. Domjan) and Central Laboratory  
(Director: E. Salkovits) University Medical School, Szeged.

MECS, J.

DAVID, TIVADAR, MECS, J.; MAJOR, S.; KURTI, S.

The significance of segmental resection of the lungs. *Magy. sebeszet*  
6 no.3:173-180 Aug 1953. (CML 25:5)

1. Doctors. 2. Surgical Department of Szolnoki County Institute of  
Pulmonary Diseases (Head Physician -- Dr. Tivadar David).

MECS, Janos, dr.

Case of combined pulmonary resection. *Magy. sebesset* 7 no.2:  
114-118 Apr 54.

1. A Szolnoki Megyei Tudobetsdgyogyintezet Sebesseti Oasztalyanak  
kozlemenye. Forvos: David Tivadar dr.  
(LUNGS, surg.  
lobectomy with segmental resection)

MECS, Janos, dr.,; FERENYI, Gyorgy, dr.

Some on the rehabilitation of pulmonary tuberculosis patients.  
Tuberk. kerdesei 7 no.6:89-93 Dec 54.

1. A szolnoki Megyei Tudobetsgyogyintezet (igazgato: Ferenyi Gyorgy dr.) kozlemenye.

(REHABILITATION, in various diseases  
tuberc., pulm. (Hun))

(TUBERCULOSIS, PULMONARY, therapy  
rehabil. (Hun))

MECS, Laszlo

The "last" cross-country race. Auto motor 15 no.22:31 H '62.

MECS, Laszlo, dr.; KERESZTES, Laszlo, dr.

New organizational form of health administration in Szigetvar  
County. *Nepeszssegugy* 44 no.9:257-259 S '63.

1. Kozlemeny a Budapesti Orvostudomanyi Egyetem Egeszssegugyi  
Szervezesi Intezetebol.

(PUBLIC HEALTH ADMINISTRATION)

(PREVENTIVE MEDICINE)

MECSEKI, Rudolf, dr.

A new method for the dilation of the uterine cervix. Preliminary report. Orv. hetil. 104 no.23:1074 9 Je '63.

1. III. ker. Tanacs Margit Korhaz, Szuleszeti es Nogyogyaszati Osztaly.

(SURGICAL EQUIPMENT)

(CERVIX UTERI)

MECSENOV, P. I.

Distr: hE2c

✓ Vacuum sublimation of PbS, PbO, and ZnS from sulfide ores. Petr. Ivanov Mecsenov (Ministry of Metallurgy, Sofia, Bulgaria). *Konstantin Zvezda* 91, 10-14(1958). The concentrate (I) contains Pb 33.66, Cu 21.00, Fe 16.44, Zn 5.32, S 20.29, and Al<sub>2</sub>O<sub>3</sub> 2.85% (Pb as PbS 25.68, PbO 1.65, and Pb 6.33%). It melts at 848° and is prepd. from the ore by mixing with quartz and lime, roasting to 4-5% S content, and smelting. Two-g. samples of I were weighed into a porcelain crucible and placed in an app. consisting of an evacuated tube within an oven. The Pb, Zn, Cu, Fe, and S content of the residue was detd. to establish the compn. of the sublimate after heating to various temps. for various lengths of time. For example, at 900° the compn. was Pb 66.1, Zn 7.4, Te 1.7, and S 10.96% with no Cu present. The vacuum sublimation process is suitable for large-scale operations. The yield was 98% for Pb and 90% for Zn. The method is suitable for direct smelting of Pb; the Pb content of the residue is low enough for direct feeding into the converter. *L. G. Arval*

*cc 1/1*

*8 1*



PROTOPOESCU-PACHE, Em., prof. geolog; CONSTANTINESCU, Gh.P., ing.;  
MEJULESCU, M., Ing.

Economical solution for the drinking water supply of the city of  
Hunedoara. Hidrotehnica 8 no.3:81-88 Mr '63.

**MECZNER, L.**

Effect of gastric juice secretion and the effect test meal.  
Orv. hetil., Budap. 92 no. 41:1327-1329 14 Oct. 1951 (CLML 21:3)

1. Doctor. 2. Internal Medicine Department (Head Physician --  
Dr. Laszlo Meczner), Devecser District Hospital (Director - Head  
Physician -- Dr. Antal Laczay).

MECZNER, Laszlo, dr.

Bilirubin reagent for simple application. Orv. hetil. 96 no.32:  
895 7 Aug 55.

1. A Devecseri Jarasi Tanacs Korhaza (igazgato: Laczay Anatal  
dr.) Belgyogyazati Osztalyanak (foorvos: Meczner Laszlo dr.)  
kozlemenye.

(BILIRUBIN, in urina,  
determ., simplified technic)

(URINE,  
bilirubin, determ., simplified technic)

POLAND/Optics -Luminescence.

K

Abs Jour : Ref Zhur Fizika, No 11, 1959, 26090

Author : Lozykowski, H., Meczynska, H.

Inst : Nicholas Copernicus University, Torun, Poland

Title : Electroluminescence of CdS-Ag with an Ag<sub>2</sub>S Layer

Orig Pub : Bull. Acad. polon. sci. Ser. sci. math., astron. et  
phys., 1958, 6, No 9, 595-598

Abstract : The CdS-Ag crystals were covered with a thin layer of Ag<sub>2</sub>S by washing in a solution of silver nitrate of a definite concentration. The thickness of the coating was regulated by changing the washing time. The dielectric used in the electroluminescent capacitor was castor oil. At the same voltage and frequency, covering with silver sulfide gave almost a 20 fold increase in brightness of electroluminescence. With this, the amount of

Card 1/2

POLAND/Optics - Luminescence.

K

Abs Jour : Ref Zhur Fizika, No 11, 1959, 26090

$Ag_2S$  was  $11.62 \times 10^{-2}$  mg for each mg of CdS-Ag.  
The optimum frequency was approximately 500 cycles.  
-- A.G. Gol'dman

Card 2/2

- 107 -

LOZYKOWSKI, H.; MECZYNSKA, H.

Electroluminescence of alkaline earth sulphide phosphors. *Bul Ac Pol mat* 8 no.10:725-728 '60.

1. Department of Physics, Nicholas Copernicus University, Torun.  
Presented by A. Jablonski.

(Phosphorescence) (Electricity) (Alkaline) (Earth)  
(Sulfide) (Phosphorus)

LOZYKOWSKI, H.; MECZYNSKA, H.

An attempt to obtain electroluminescence of organophosphors. Bul  
Ac Pol mat 9 no.3:235-236 '61.

1. Department of Experimental Physics, Nicholas Copernicus University  
Torun. Presented by A. Jablonski.

(Organometallic compounds) (Phosphorus)  
(Fluorescence)

P/047/62/013/002/005/006  
D218/D308

AUTHORS: Łożykowski, Henryk, and Meczyńska, Hanna

TITLE: Electroluminescence and its applications

PERIODICAL: Postępy fizyki, v. 13, no. 2, 1962, 177 - 206

TEXT: The first part of this review discusses the theoretical aspects of electroluminescence, including such topics as direct field-ionization, ionization by collision, and the mechanism of injection of carriers. The second part is concerned with the applications of electroluminescence for such purposes as illumination, light amplification, and so on. The review is based on 42 published papers (largely western) covering the period 1914-1960. There are 30 figures. ✓

ASSOCIATION: Katedra fizyki doświadczalnej, Uniwersytet Mikołaja Kopernika, Toruń (Department of Experimental Physics, Mikolaj Kopernik University, Toruń)

Card 1/1



LODIN, Z.; NOVAKOVA, V.; PILNY, J.; MED, F.; HARTMAN, J.

The use of planimetry in cytology. *Physiol. Bohemoslov.* 12  
no.6:590-598 '63.

1. Institute of Physiology, Czechoslovak Academy of Sciences,  
Prague.

(HISTOLOGICAL TECHNICS) (MICROSCOPY)  
(CYTOLOGY) (LENSES) (EQUIPMENT AND SUPPLIES)

CHERNYY, V.Ya., inzh.; MED, G.D., inzh.

Hydraulic slide-valve device used for preventing axial displacement  
in turbomachine rotors. Sudostroenie 24 no. 6:27-30 Je '58.

(MIRA 11:8)

(Turbomachines)  
(Slide valves)

MED, G.D., inzh.

Pressure regulation in paralled operating blowers operating with  
a comon gas pipeline. Energomashinostroenie 9 no.10:13-16 0 '63.  
(MIRA 16:10)

L 27252-66 EWP(k)/EWT(d)/EWP(h)/EWP(l)/EWP(v)

ACC NR: AP6009860

(A)

SOURCE CODE: UR/0413/66/000/004/0053/0053

AUTHORS: Piven', V. D.; Med, G. D.

48  
B

ORG: none

14  
TITLE: Method for pressure regulation of gas-turbine installations for pressure delivery systems. Class 27, No. 178933

SOURCE: Izobretaniya, promyshlennyye obratzy, tovarnyye znaki, no. 4, 1966, 53

TOPIC TAGS: pressure, gas pressure, pressure regulator, gas turbine

ABSTRACT: This Author Certificate presents a method of pressure regulation of gas-turbine installations for pressure delivery systems equipped with a static pressure regulator and a regulating fuel valve. The principle of the method consists of the transfer of a signal from the fuel valve to the pressure regulator, the amplitude of which is proportional to the pressure at the exit of the delivery system. To insure regulating stability for systems working on fuels of variable quality, a correction signal is applied to the regulating valve. This signal is proportional to the number of revolutions of the pressure delivery system shaft.

SUB CODE: 21/  
Card 1/1 cc

SUBM DATE: 29May64

UDC: 621.515.5-531.8-843.8

I. 08529-67 EWT(1)/EWT(m) DJ  
ACC NR: AP6035760

SOURCE CODE: UR/0413/66/000/019/0131/0131

AUTHOR: Med, G. D.; Frunkin, V. B.

28  
B

ORG: none

TITLE: Fuel turbopump regulator. Class 60, No. 186863. [announced by Central Scientific Research Design and Planning Boiler and Turbine Institute im. I. I. Polzunov (Tsentral'nyy nauchno-issledovatel'skiy i proektno-konstruktor'skiy kotloturbinnyy institut)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 19, 1966, 131

TOPIC TAGS: fuel pump, aircraft fuel system, aircraft fuel pump, turbopump

ABSTRACT: The proposed regulator for maintaining a constant pressure in the pump pressure line contains a pressure transducer which transmits a pulse through an intermediate hydraulic amplifier to a spring loaded one-way servomotor. To increase stability and operational reliability, the servomotor piston incorporates a bushing with a slide valve mounted in which receives a pulse from the rpm transducer; the slide valve is connected by a rigid feedback to the intermediate amplifier for automatic continuous operation of the regulator according to the pressure and the rpm. In a variation of this device, to operate the regulator from the air speed transducer only, the intermediate amplifier is made in the form of a housing containing a movable bushing with a movable slide valve inside; the bushing also contains a limiter

Card 1/2

UDC: 621.646.45: 621.675

L 08529-67

ACC NR: AP6035760

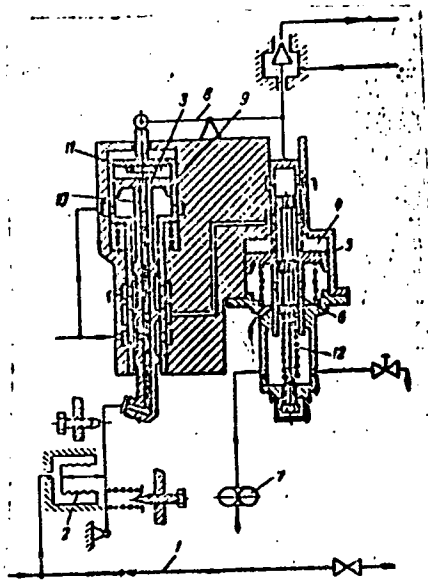


Fig. 1. Fuel pump regulator

- 1 - Pressure line; 2 - pressure transducer;
- 3 - intermediate hydraulic amplifier; 4 - servo-
- motor piston; 6 - slide valve; 7 - rpm trans-
- ducers; 8 - rigid feedback; 9 - amplifier
- bushing; 10 - amplifier slide valve;
- 11 - movable limiter; 12 - immovable limiter.

for the displacement of the slide valve. To operate this device from the pressure transducer only, the servomotor has an immovable limiter for the displacement of the speed regulator slide (see Fig. 1). Orig. art. has: 1 figure.

SUB CODE: 21/ SUBM DATE: 26Apr65/ ATD PRESS: 5103

Card 2/2 - e j h

MEDACEK, A.

Demonstration of machinery from the German Democratic Republic. p. (4) of cover.  
(MECHANISACE ZEMEDELSTVI, Vol. 7, No. 16, Aug 1957, Praha, Czechoslovakia)

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

MEDACEK, V., inz.

Vibrating conveyers, an important element in conveying of non-sticky materials. Rudy 10 no.10:355-359 0 '62.

1. Ustav pro vyzkum rud.



MEDACEK, Vitezslav, inz.

Automation and mechanization in ore mines. Rudy 12 no.11:Suppl:  
Prace vyzkumnych ustavu no.4:25-30 N 164.

1. Institute of Ore Research, Prague.

MEDAKOVIC, B.

2

Biological significance of cobalt and its determination in biological material. M. S. Morranjac and B. Medakovic. *Acta. Pharm. Jugoslav.* 3, 5-14(1963)(French summary). — The biol. significance of Co and previous methods of its detn. in biol. materials are discussed. Co is extd. by the standard dithione method and the following method for its detn. is used: The soln. contg. Co is evapd. to dryness, the residue is dissolved in 2 ml. of concd. HNO<sub>3</sub>, evapd., and the residue is dissolved in 10 ml. of H<sub>2</sub>O contg. 0.5 ml. of 1:1 HCl and 0.5 ml. of 1:1 HNO<sub>3</sub>. This soln. is boiled for a few min. and 2 ml. of 0.1% of nitroso-R salt is added. Two g. of AcONa is added to bring pH to 5.5, the soln. boiled for 45 sec., and 1.5 ml. of concd. HCl added. The color is detd. colorimetrically. 18 references. V. Mihajlov

NEDAKOVIC, B.; MOKRANJAC, I.

"Presence and distribution of some trace elements in leaves and particularly their distribution in the alcoholic extract of leaves. I. Zinc, cobalt, nickel, and copper in leaves." p. 97, (GLAS, Vol. 6, No. 210, 1953, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, (MLAE), LC, Vol. 4, No. 4, Apr 1955, Uncl.

MEDAKOVIC, Bogdan

MOKRAJAC, Moncilo St.; MEDAKOVIC, Bogdan

Chemical composition of the leaves of linden tree; scyllitol (scyllite) in the leaves of linden tree. Acta pharm. jugosl. 4 no. 4:143-146 1954.

1. Srpska Akademija Nauka, Hemijski institut, Beograd; primljeno 12.IX.1954.

(PLANTS

Tilia argentea leaves, scyllitol isolation)

(FATTY ACIDS, determ.

scyllitol in Tilia argentea leaves)

MOKRANJAC, M. St.; MEDAKOVIC, B.

Chemical composition of the leaf of *Tilia argentea* Desf. Glas Hem  
dr 19 no.8:521-526 '54.

1. Hemijski institut Srpske akademije nauka, Beograd.

MOKRANJAC, Miroslav St., MEDAKOVIC, Bogdan

Investigation on chemistry of linden leaves; presence of  $\beta$ -amyrin.  
Acta pharm.jugosl 5 no.1:63-67 '55.

1. Institut de chimie academie des Sciences, Beograd.  
(ALCOHOLS,  
 $\beta$ -amyrin in linden leaves)  
(PLANTS,  
linden leaves,  $\beta$ -amyrin in)

MEĐAKOVIĆ, Ljubica

erotonin in the radiologic examination of the small intestine.  
Srpski arh. celok. lek. 92 no.11:1079-1088 N'62.

1. Radioloski Institut Medicinskog fakulteta Univerziteta  
u Beogradu (Učesnik: prof. dr. Bogoljub Besnjaković).

ZUJOVIC, Djorde J.; MEDAKOVIC, Ljubica

Contribution to the radiological study of pyloric ulcer.  
Srpski arh. celok. lek. 90 no.10:923-933 0 '62.

1. Radioloski institut Medicinskog fakulteta Univerziteta u  
Beogradu Upravnik: prof. dr. Bogoljub Bosnjakovic.  
(STOMACH ULCERS)



ZUJOVIC, Dorce, J.; MEDAKOVIC, Ljubica

Contribution to the roentgenology of pre-pyloric ulcer. Srpski  
arch. celok. lek. 92 no.3:275-290 hr. '64.

1. Radioloski institut Medicinskog fakulteta Univerziteta u  
Beogradu. (Direktor: prof. dr. Bogoljub Bosnjakovic)

MEDAKOVIC, Ljubica

Changes in the picture of intestinal tuberculosis with special reference to radiological diagnosis. Srpski arh. celok. lek. 92 no.7:759-766 JI-Ag '64

1. Radioloski institut Medicinskog fakulteta Univerziteta u Beogradu (Upravnik: prof. dr. Bogoljub Bosnjakovic).

MEĐAKOVIĆ, M.  
MEDAKOVIC, M.

Source (in caps); Given Names

Country: Yugoslavia

Academic Degrees: None given.

Affiliation: Institute for Pharmacology, Veterinary Faculty, University  
of Belgrade (Institut za Farmakologiju Veterinarskog Fakulteta

Source: Univerziteta u Beogradu), Belgrade,  
Belgrade, Acta Veterinaria, Vol 11, No 1, 1961, pp 69-74.

Title: "The Antagonism of Morphine and Its Analgesics Toward  
the Action of Protoveratrine Upon the Guinea Pig Litter."

Co-author:

MEDAKOVIC, M. Academic degrees not given, Institute for Pharma-  
cology, Medical Faculty (Institut za Farmakologiju Medicinskog  
Fakulteta), Belgrade

229

BANIC, B.R.; MEDAKOVIC, M.D.

Effect of carbon tetrachloride on the action of morphine and morphine-like analgesics. Acta med. iugosl. 15 no.4:392-404 '61.

1. Farmakoloski institut Medicinskog fakulteta u Beogradu.  
(CARBON TETRACHLORIDE pharmacol) (MORPHINE pharmacol)  
(ANALGESICS AND ANTIPYRETICS pharmacol)

YUGOSLAVIA

B. BANIC and M. HEDAKOVIC, Department of Pharmacology, Medical Faculty (Farmakološki Institut Medicinskog fakulteta), University of Belgrade.

"Effect of Carbon Tetrachloride on Codeine Analgesia in Rats."

Belgrade, Acta Medica Jugoslavica, Vol 16, No 1, 1962; pp 52-65.

Abstract [English summary modified]:  $CCl_4$  2.5 or 3 ml./Kg s.c., 48 hours before i.p. injection of codeine 4 to 25 mg. strongly potentiated and prolonged analgesia as tested by tail flicker method. Effect of morphine 4 or 10 mg./Kg. also prolonged but to a lesser degree. Effect assumed to be primarily due to inhibition of liver conjugation of the analgesic drugs. Three graphs: 1 Hungarian, 2 Yugoslav and 17 Western references.

1/1

BANIC, B.; MEDAKOVIC, M.

Effect of prolonged morphine treatment of intestinal motility in the rat. Acta med. iugosl. 16 no.1:64-67 '62.

1. Farmakoloski institut Medicinskog fakulteta u Beogradu.  
(MORPHINE) (INTESTINES)

5

BANIC, B.; MEDAKOVIC, M.

Effect of reserpine on the action of morphine at a low temperature.  
Acta med. iugosl. 17 no.2:187-194 '63.

1. Farmakoloski institut Medicinskog fakulteta u Beogradu.

S

BANIC, B.; MEDAKOVIC, M.

Effect of morphine and similar analgesics on the activity of  
nicotine and 5-hydroxyptamine. Acta med. iugosl. 17 no.2:175-  
186 '63.

1. Farmokoloski institut Medicinskog fakulteta u Beogradu.

S



YUGOSLAVIA

MEDAKOVIC, Ljubica; Department of Radiology, Faculty of Medicine of University (Radioloski institut Medicinskog fakulteta), Head (Upravnik) Prof Dr Bogoljub BOSNJAKOVIC, Belgrade.

"Radiologic Examination of the Small Intestine in the Sprue Syndrome."

Belgrade, Srpski Arhiv za Tselokupno Lekarstvo, Vol 93, No 4, Apr 1965; pp 385-390.

Abstract [French summary modified]: Case report in a boy aged 12 and man aged 58, stressing the usefulness of radiographic diagnostic techniques. 3 radiograms, 4 Yugoslav references including thesis and 6 Western references. Manuscript received 19 Nov 63.

1/1

- 204 -

YUGOSLAVIA

ZUJOVIC, Djordje, Dr, ~~MEDAKOVIC, Ljubica, Dr~~; Institute of Radiology, Faculty of Medicine, University of Belgrade (Head: BOS-NJAKOVIC, Bogoljub, Dr, prof) (Radioloski institut Medicinskog fakulteta Univerziteta u Beogradu), Belgrade.

"Contribution to the Roentgenography of Gastroduodenal Polyposis"  
Belgrade, Srpski arhiv za celokupno lekarstvo, Vol 93, No 10,  
Oct 1965, pp 927-936

Abstract: Gastroduodenal polyposis is a disease which is very rarely encountered, and due to the lack of clinical characteristics it can only be roentgenologically diagnosed. It is important to become familiar with its roentgenological characteristics because it can become complicated in the course of its development: hemorrhagia, acute duodenal or pyloric stenosis, or early or late malignant degeneration. 2 Eastern, 24 Western references. Manuscript received 15 Jun. 1965.

MEDAL, Miroslav, inž., nositel vyznamenani Za vynikajici praci.

Electric condenser welding. Zvaranie 12 no.8:223-226 Ag'63.

1. Tesla, Holesovice.

L 11129-66 EWP(c)/EWP(k)/EWP(h)/T/EWP(l)/EWP(f)/EWP(v) BC  
ACC NR: AP5030214 SOURCE CODE: CZ/0039/66/027/003/0165/0167

AUTHOR: Medal, Miroslav (Engineer; Holder of decoration for outstanding work)

ORG: TESLA Holesovice, n.p., Prague

TITLE: S-1 senditron -- an electronic mercury rectifier 15

23

SOURCE: Slaboproudny obzor, v. 27, no. 3, 1966, 165-167

TOPIC TAGS: electronic rectifier, mercury rectifier

ABSTRACT: The paper presents a comparison of equivalent electronic switching elements; some advantages of application of an S-1 senditron with an automatic mercury level control are pointed out and several examples of advantageous applications are presented. The functioning of the S-1 senditron has been proved in the electronic control of spot-welding machines and its manufacture for that application is being started at TESLA Holesovice this year. Orig. art. has: 2 figures. [Based on author's Eng. abst.] [JPRS: 36,644]

SUB CODE: C9 /- SUBM DATE: 11Nov65

Card 1/1 hs

UDC: 621.318.57

0918 1058

LASZCZKA, Andrzej; MEDALA, Jan (Krakow)

Proper conditions for the maintenance and fostering of bulls used  
for natural service on suburban farms near the city of Krakow.  
Rocz nauk roln wet 70 no.1/4:375-378 '60. (EEAI 10:9)

(Bulls)

MEDALINSKAS, CH. K., CAND BIO SCI, <sup>H</sup> THE EFFECT OF VARIOUS <sup>ed</sup>  
FEEDING ON CERTAIN PHYSIOLOGICAL AND PRODUCTIVE INDICES OF  
LITHUANIAN BLACKHEADED SHEEP. // VIL'NYUS, 1960. (MIN OF HIGHER  
AND SEC SPEC ED USSR. VIL'NYUS STATE UNIV IM V. KAPSUKAS).  
(KL, 2-61, 204).

MEDALIS, S.

Voltage-measuring transformers of the condenser type. Biuletyn GI. p. 5.  
PRZEGLAD TECHNICZNY (Naczelna Organizacja Techniczna) Warszawa. Vol. 76,  
no. 6, June 1955

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

VERNIDUB, I.I.; ZHIKHAREV, A.S.; MEDALIYEV, Kh.Kh.; PRAVDUN, N.S.;  
SFLAKVELIDZE, G.K.; CHUMAKOVA, G.G.

Study of the ice-forming ability of aerosols of lead iodide.  
Izv. AN SSSR. Ser. geofiz. no.9:1286-1293 S '62. (MIRA 15:8)

1. Vysokogor'nyy geofizicheskiy institut AN SSSR.  
(Weather control) (Lead iodide)



L 17893-63 EWP(1)/EWP(q)/EWP(m)/BDS AFPTC/ASD/ESD-3/APGC P1-4 RB/JD  
ACCESSION NR: AP3005590 8/0049/63/000/008/1278/1284 70

AUTHOR: Vernidub, I. I.; Zhikharev, A. S.; Medaliyev, Kh. Kh.; Pravdun, N. S.;  
Sulakvelidze, G. K.; Chumakova, G. G.

TITLE: Ice-forming properties of lead iodide aerosols produced by combustion of  
metallo-iodide compounds

SOURCE: AN SSSR. Izv. Ser. geofizicheskaya, no. 8, 1963, 1278-1284

TOPIC TAGS: aerosol, ammonium iodide, lead iodide, fog, supercooled fog, aqueous  
fog, cloud chamber, ice crystal

ABSTRACT: The crystallizing effect of  $PbI_2$  aerosols on a supercooled aqueous fog  
in a cloud chamber has been investigated. The aerosols were produced by the com-  
bustion of lead powder and iodine-containing substances (crystalline I,  $NH_4I$ ,  $CHI_3$ ,  
and  $O=C_6I_4=O$ ). The quantity of ice crystals produced at a fog temperature of  $-10C$   
is dependent on the material used and ranges from  $2.5 \times 10^{11}$  to  $5 \times 10^{12}$  crystals  
per gram. An aerosol produced from an  $NH_4I$  aerosol is as effective as a pure  $PbI_2$   
aerosol obtained by the sublimation of lead iodide in an electric arc. The ice-  
forming capability of  $PbI_2$  aerosols produced by the combustion of metallo-iodide

Card 1/2

L 17693-63

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ACCESSION NR: AP3005590

materials increases with a temperature decrease of the aqueous fog. Aerosols of all the investigated metallo-iodide materials are highly monodispersive: between 53 and 71% of the particles are 0.05—0.15  $\mu$  in diameter. The predominant fraction of particles in an aerosol is dependent on the iodide-containing substance used. Orig. art. has: 2 figures, 2 tables, and 2 Formulas.

ASSOCIATION: none

SUBMITTED: 18Dec61

DATE ACQ: 06Sep63

ENCL: 00

SUB CODE: AS

NO REF SOV: 002

OTHER: 003

Card 2/2

MEDAL'YE, G. (Rostov-na-Donu).

~~Herited~~ authority. Prom. koop. 12 no.3:16 Kr '58.  
(Invalids) (Vocational rehabilitation)

(MIRA 11:3)

NEDAL'YE, G. L.

Teeth, Artificial

Possibility of repairing combined dental bridges. Stomatologiya no. 3, 1952.

MONTHLY LIST OF RUSSIAN ACCESSIONS. Library of Congress, December 1952. UNCLASSIFIED.

MEDAL'YE, G.L. (Smolensk)

Fastening a unilateral removable prosthesis. Stomatologija no.5:  
52 S-O '54. (MLBA 7:11)  
(DENTAL PROSTHESIS, PARTIAL,  
reinforcement of unilateral removable prosthesis)

MEDANIC, A., Dr.

Biliary peritonitis without visible perforation. Lijec.vjes.  
76 no.9-10:524-530 1954.

1. Iz Kururskog odjela Opce bolnice, Rijeka.  
(PERITONITIS,  
biliary, without visible perforation(Ser))

VELCHEV, V.; MEDAREVA, M.; SURNEV, L.

Methods of determining reflectivity. Spis Bulg geol druzn 25 no.2:  
169-175 '64.

1. Institute of Mining Geology, Sof'ia.

BULGARIA

M. BOLENOV, L. HEDAROVA and Iv. LOGRAMADZHIIEV [Affiliation not given]

"Advances in the Therapy of Systemic Scleroderma."

Sofia, Sovremenna Meditsina, Vol 13, No 9, 1962; pp 40-43.

This is a review of the literature on treatment of multiple sclerosis, with comments from personal experiences, as on relaxin which, as medicine of the French company "Substantia" was used by authors in 1 case with success, no side effects; EDIA; stigmasterol; PABA, and many other drugs. According to the authors, over 50 different therapeutic methods have been advocated in various recent publications in the world literature including some Bulgarian advocates of nivalin; but no treatment seems to be universally successful. 37 Western, 1 Soviet, 1 Bulgarian reference.



BOIANOV, L.; MEDAROVA, L.; DOGRAMADZHIEV, Iv.

Recent progress in the treatment of systemic scleroderma.  
Suvr. med. 13 no.9:40-43 '62.  
(SCLERODERMA)

MEDARSKI, Aleksandur Stolianov, inzh.

Flow-line organization in the production of doors at the  
Tolbukhin State Industrial Enterprise, Gara Iskur.  
Duvomebel prom 7 no.4:28-30 J1-Ag '64.

1. Chief Engineer, Tolbukhin State Industrial Enterprise,  
Gara Iskur.

MEDARSKI, K.

Contribution to the knowledge of the effect of some hybrids  
with 2, 4D and MSRA bases on grain weeds in the Skopje  
region. p. 1. SOCIJALISTIČKO ZEMJODJELSTVO. (Društvo na agronomi  
i zemjodjelski tehničari na NR Makedonija) Skopje. Vol. 8, n. 1,  
Apr. 1956.

Source: East European Accessions Lists (EEAL), Library of Congress,  
Vol, 5, no. 11, Nov. 1956.

USSR / Farm Animals. Honeybee.

Q-5

Abs Jour: Ref Zhur-Biol., No 12, 1958, 54864.

Author : Medatov, R. I.

Inst : Not given.

Title : Nosematosis in the Kazakh SSR.

Orig Pub: Pchelovodstvo, 1957, No 10, 46-47.

Abstract: Ten diseased bee families were under observation. In 5 families the incidence of disease in December was 35.9%, in January - 22.3%, in February - 44.2%, in March 79.5%, and in May - 37.8%. In other families, the disease had a more severe course: the incidence in December was 60%, in January - 90%, and in February - 93.4%; at the end of February the family perished. In another case, the incidence was: January 22.5%, February - 42.2%, and March - 96.4%; on about the 20th of

Card 1/2