

MASIREVIC, Mihailo, ing. (Boograd, Ljube Stojanovic st. 8); KLAKAR, Franco
ing. [translator]

Electromagnetic fields of radio broadcasting in Yugoslavia. II.
Elektr vest 28 no.3/5:57-62 '60.

1. Clan Clvnoga uredniskoga odbora, "Elektrotehnicki vestnik."

MLAKAR, France, ing.

Electrotechnical terminology. X (To be contd.) Elektr vest 28
no.3/5:69-70 Mr-Ap '60. (EEAI 10:5)

1. Glavni uerdniski odbor, Elektrotehnikski vestnik.
(Electrical engineering) (Slovenian language)

MLAKAR, F.

First symposium of technical terminology. Elektr vest 28 no.11/12:
282-283 '60.

(Technology) (Slovenian language)

MLAKAR, France, ing. (Ljubljana)

The 26th general session of the International Electrotechnical Commission. *Automatika* 2 no.3:178-179 Ag '61.

1. Clan Redakcijskog odbora, "Automatika".

(International Electrotechnical Commission)

MLAKAR, France, ing.

First Yugoslav symposium on electric measurements and measurement equipment. Automatika 2 no.5:302-303 N°61.

1. Clan Uredniskega odbora, "Automatica".

MLAKAR, F.

Session of the Studying Committee No.13 (Measuring Instruments)
of the International Electrotechnical Commission at Interlaken,
June 18-30, 1961. Elektr vest 29 no.8/10:226-227 '61.

MLAKAR, F.

The first Yugoslav symposium on electric measurements and
measuring equipment. Elektr vest 29 no.8/10:227-229 '61.

MLAKAR, F.

"Collected works of the 1st Yugoslav Symposium on Electric Measurements and Measuring Equipment." Reviewed by F. Mlakar. Elektr vest 29 no.8/10:229 '61.

ML KAR, F., inz.

The 1st Congress of the Machine and Electrotechnical Engineers and Technicians of Yugoslavia. Automatika 3 no.1:49 F '62.

1. Clan Redakcijskog odbora, "Automatika."

MLAKAR, France, inz.

A few technical terms in the field of the automation and regulation
technics. Automatika 3 no.1:56-57 F '62.

1. Clan Redakcijskog odbora, "Automatika."

MLAKAR, Franc, inž.

The 27th Session of the International Electrotechnical Commission
in Bucharest. Avtomatika 3 no.5:376 0 '62.

1. Clan Redakcijskega odbora, "Avtomatika".

MLAKAR, Franc, inz.

Conference of the Study Committee for the Measuring Instruments of
the International Electrotechnical Commission. Automatika 3 no.6:
434 D '62.

1. Clan Redakcijskog odbora, "Automatika".

MLAKAR, Franc, inz.

Technical terms in the field of control systems and automation.
Automatika 3 no.6:446-447 D '62.

1. Clan Redakcijskog odbora "Automatika".

MLAKAR, France, inz. (Ljubljana, Jamova 28)

Wages and care of engineering and technical cadres. Tehnika
Jug 17 no.8:Supple~~ment~~ ~~to~~ ~~the~~ ~~journal~~ ~~of~~ ~~the~~ ~~Academy~~ ~~of~~ ~~Sciences~~ ~~and~~ ~~Arts~~ ~~of~~ ~~Slovenia~~ 11 no.8:1527-1530 Ag '62.

1. Nacelnik Odoljenja za merne uredaje u Zavodu za
automatizaciju, Ljubljana.

MLAKAR, France, inz.

"First symposium on technical terms," ed. by A. Strana and M. Zorga. Reviewed by F. Mlakar. Elektr vest 30 no. 8/9:240 '62/'63.

"Measurements on electric machines" by J. Rista, V. Kulda and F. Pavlasek. Vol. 4. Reviewed by F. Mlakar. Ibid.:43.

"Electromechanical recording instruments" by F. Kapes. Reviewed by F. Mlakar. Ibid.:43.

1. Member of the Main Board of Editors, "Elektrotehniski vestnik".

MIKAR, France, inz. (Ljubljana)

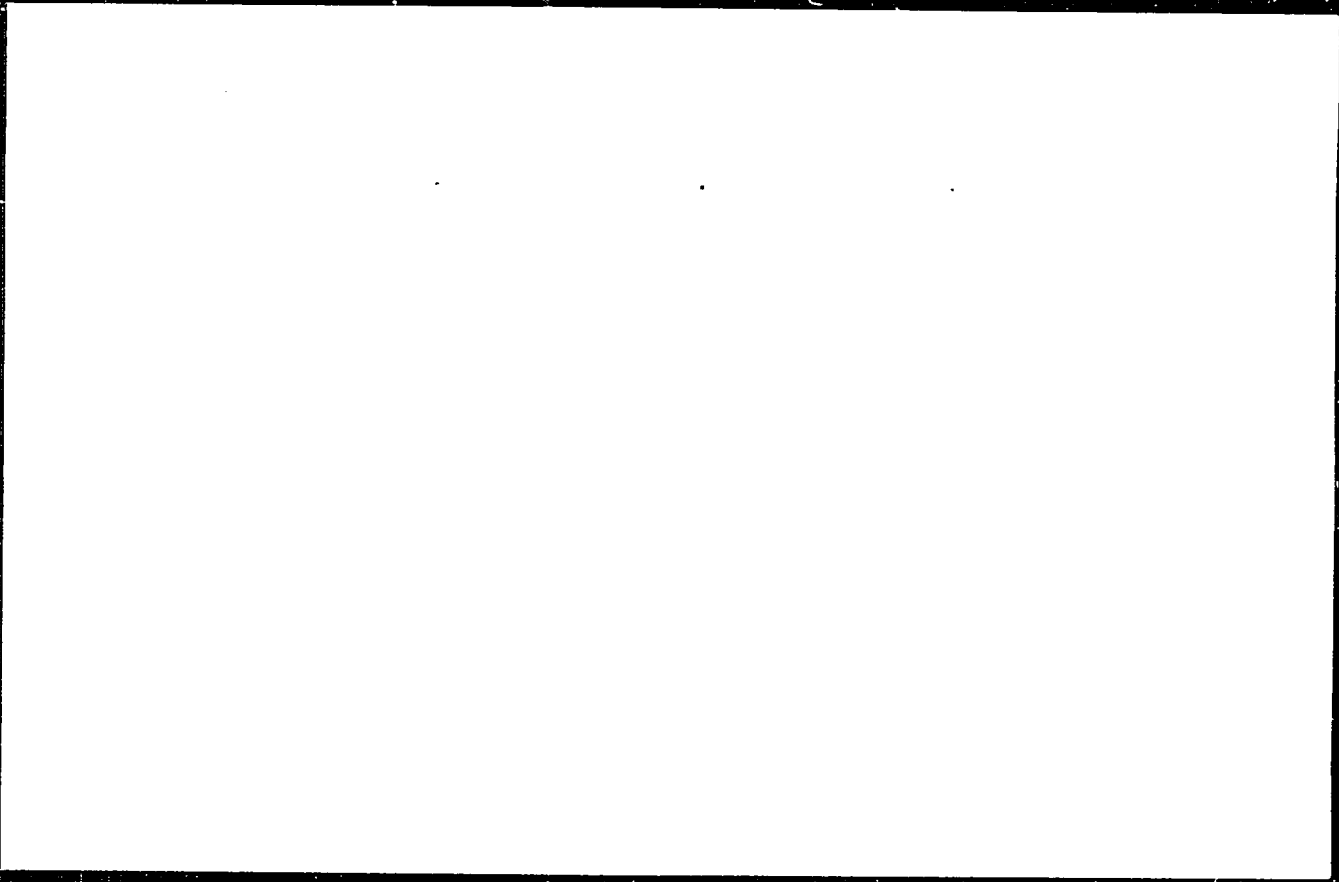
"Simplified feeding small transformers and smoothing
chokes" by A. Vasicek. Reviewed by M. Mikar. Elektr
vest 30 no. 10/12: 323-324 '62/'63.

1. Member of the Main board of editors, "Elektrotehniski
vestnik".

MLAKAR, France, ind.

Second Yugoslav Symposium on Electric Measurements and
Measuring Equipment. Nova proizvodnja no. 5/6x435 0 '63

"APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R001134820001-1



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WFL
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BLAKH, Ivan; FAVLOV, Gajk

Critical notes to the reports on mercury in V. Pavsha's
Nova proizvod no 2/3:112-117 Mr '61.

MUZIKRAVIC, T.; MLAKAR, J.; PETKOVIC, M.

A case of pulmonary nocardiosis. Higijena 16 no. 2:102-105
' 64.

PILIS, I.; NESIC, B.; MLAKAR, J.; MUZIKRAVIC, T

Our further experiences with secondary antitubercular agents.
Tuberkuloza 15 no.2:204-213 Ap-Je '63.

1. Institut za tuberkulozu APV [Autonoma pokrajina Vojvodina]
Sremska Kamenica - Direktor: prof. dr Stevan Goldman.
(ANTITUBERCULAR AGENTS)

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R001134820001-1"

NESIC, Branislav; MLAKAR, Jelena; COKIC, Bogoljub; VOJIC, Rade

Aerosol lavage and its comparison with other methods in
collecting material for the examination of M.tuberculosis.
Tuberkuloza 15 no.3:376-382 J1-D'63.

1. Institut za tuberkulozy APV, Sremska Kamenica. Direktor:
prof.dr. Stevan Goldman.

MLAKAR, Marijan

Another explosion of boiler. Kem ind 10 no.5:155 My '61.

1. Inspektor rada, Varazdin.

MLAKAR, Vinko

The place of Yugoslavia in the European economy and living
standard. Novoproizv 14 no.1:1-12 F '63.

MIKAR, Vinko

Investments, building, and municipal land. Nova pp 127-128
40-49 1961.

MLC 4

CZECHOSLOVAKIA/Acoustics - Electroacoustics and Technical Acoustics J-6

Abs Jour : Ref Zhur - Fizika, No 8, 1958, No 18850

Author : Mleak Antonin
Inst : Not Given
Title : Miniature Electrodynamic Loudspeaker

Orig Pub : Slabeproudy obzor, 1957, 12, No 12, 836-839

Abstract : Discussion of the principal problem in construction of miniature loudspeakers. A theoretical foundation is given for the influence of external dimensions and weight of the loudspeaker on its acoustic properties. Description is given of a construction of properties of a 70 mm loudspeaker, developed at the Tesla Plant.

Card : 1/1

HRUSKOVA, J.; NEUCHLIKOVA, E.; MLATECKOVA, V.; KOTCHA, G.; POKORNY, J.;
KOTCHA, G.; Statisticka spoluprace: SPALA, M.

Effect of obesity and age on the carbohydrate metabolism. (east.
gastroent. vyz. 19 no. 3: 273-279 J1 '65.

1. IV. interni klinika fakulty vseobecného lékařství Karlovy
University v Praze (prednosta prof. dr. M. Fleck).

STUCHLIKOVA, E.; HRUSKOVA, J.; MLATECKOVA, V.; KREJCIK, L.; HRUZA, Z.;
JELINKOVA, M.

Effect of heparin on the non-esterized fatty acid level in the
obese in relation to age. Cesk. gastroent. vyz. 19 no.5:267-272
Jl '65.

1. IV. interni klinika fakulty vseobecneho lekarstvi Karlovy
University v Praze (prednosta prof. dr. M. Fucik) a Fyziolo-
gicky ustav Ceskoslovenske akademie ved v Praze.

L 56712-65 EWT(1)/EPF(n)-2/EE(b)-3 Pu-t IJP(c) Wf
ACCESSION NR: AP5018666 CZ/0039/64/025/008/0483/0485

AUTHOR: Mleak, Antonin (Engineer)

TITLE: Acoustic field²¹ in the axis of a conical diaphragm

SOURCE: Slaboproudy obzor, v. 25, no. 8, 1964, 483-485

TOPIC TAGS: acoustic field, acoustic equipment, acoustic speed

ABSTRACT: Relations are derived for the velocity potential in the axis of an oscillating conical diaphragm from the concave as well as convex side. A graph is given of the frequency dependence of the velocity potential valid under conditions as stated. Mechanical properties outlined in the paper are verified by experimental measurements of the loudspeaker frequency response. Orig. art. has 2 figures, 6 formulas, and 2 graphs.

ASSOCIATION: TESLA Roznov n. p., zavod, Valasske Mezirici (TESLA Roznov n. p.,
Branch Plant)

SUBMITTED: 04Feb64

ENCL: 00

SUB CODE: GP

NO REF SOV: 001

OTHER: 005

JPRS

Card 1/1

MLCEK, Richard

Organization of the repair of damaged freight cars. Zel top tech
ll no.5:145-146 '63.

MKCHOVA, JARYNA

✓ Physicochemical evaluation of refined sugars. I. Buffering influence of nonsugars in refined sugars. Jaryna Michová. *Listy cukrovar.* 72, 209-72(1956). — A titration method for the detn. of the degree of inversion was worked out. It was found that the increase of pH decreased the rate of inversion (I). I was also lowered by Na_2CO_3 , NaHCO_3 , Na_3PO_4 , Na_2HPO_4 , KCl , KH_2PO_4 , K_2SO_4 in the given order, and by nonsugar substances having buffering activity. The analysis was carried out by taking 50 g. of refined sugar (II), dissolving in 100 ml. of water, and titrating with 0.02N HCl with 1 ml. of bromothymol (0.1% in 20% alc.) as indicator. The end point was detd. by comparing the color of the titration mixt with the color given by 50 g. of purest II dissolved in 100 ml. of 0.5M K acid phthalate. Titration could be performed also with methyl red. The method agreed with the Hinton (*C.A.* 43, 949f) and also with the Pincke (*C.A.* 47, 1176a) methods. T. J.

COUNTRY : CZECHOSLOVAKIA ii
CATEGORY : Chemical Technology. Chemical Products and Their
Applications. Carbohydrates and Their Processing
ABS. JOUR. : KZhKhiz., No 19, 1959, No. 69441
AUTHOR : Blachov, J.
INSTITUTE :
TITLE : Effect of testing on the quality of refined Syrups
ORIG. PUB. : Listy cukrovarn., 1959, 74, No 11, 9-12-1959

ABSTRACT : Quality of syrups prepared in laboratory were investigated. The manner of preparation was varied and consisted in dissolving refined sugar in distilled water, in saturated juice, tea water, in water saturated with CaCO_3 , MgO , MgCO_3 , in condensate, and in water containing 0.01% $(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2$. Presented is the method of determinations. The unsuitability of the saturated juice, and of unpurified water (in particular of water containing traces of Fe and Al) for the preparation and for collating of syrups was demonstrated. The above

Card: 1/2

701 251 : CZECHOSLOVAKIA ii
 701 252 : Chemical Technology, Chemical Products and
 Their Applications, Carbohydrates and Polymers
 701 253 : No. 2, 1960, pp. 245-246
 701 254 : Blahova, J.; Svadova, J.
 701 255 :
 701 256 : Use of Polyamide Fabrics as Filter Cloths in
 the Sugar Manufacture
 701 257 : Vestn. cukrovarn., 1959, 75, No. 7, Inform. plus
 s. 245, 1-5
 701 258 : Polyamide fibers were employed at 84 sugar
 refineries in 1957-1958. At these refineries,
 a polyester fabric made of "Terilene", an
 imported fabric from England, was used as
 filter cloth. Its comparison with polyamide fa-
 brics of domestic manufacture possessed greater resis-
 tance to temperature and to chemical and
 mechanical treatment. J. Svadova.

*Processing.
 1/1

Experimental reactor Dragon. Jaderna energie 6 no.2:66-68 P '60.

MELCOCH, KAROL

CZECH

8179 Mechanization of Permanent Mold Casting of Gray
Iron. Mechanizace odlévání žedé litiny do kokilových forem.
(Czech.) Karol Meloch. Strojárství, v. 3, no. 1, Jan. 1955, p.
8-9.

Automatic rotating machine reduces costs by as much as 25%.
Photographs. 8 ref.

M

L 21287-66 EWP(v)/EWP(t)/EWP(k)/EWP(h)/EWP(l) JD/HW

ACC NR: AP6006990

SOURCE CODE: CZ/0032/66/016/002/0120/0124

AUTHOR: Mlcoch, K.

ORG: CHEPOS, Chotebor

TITLE: Shear spinning of [metallic] materials

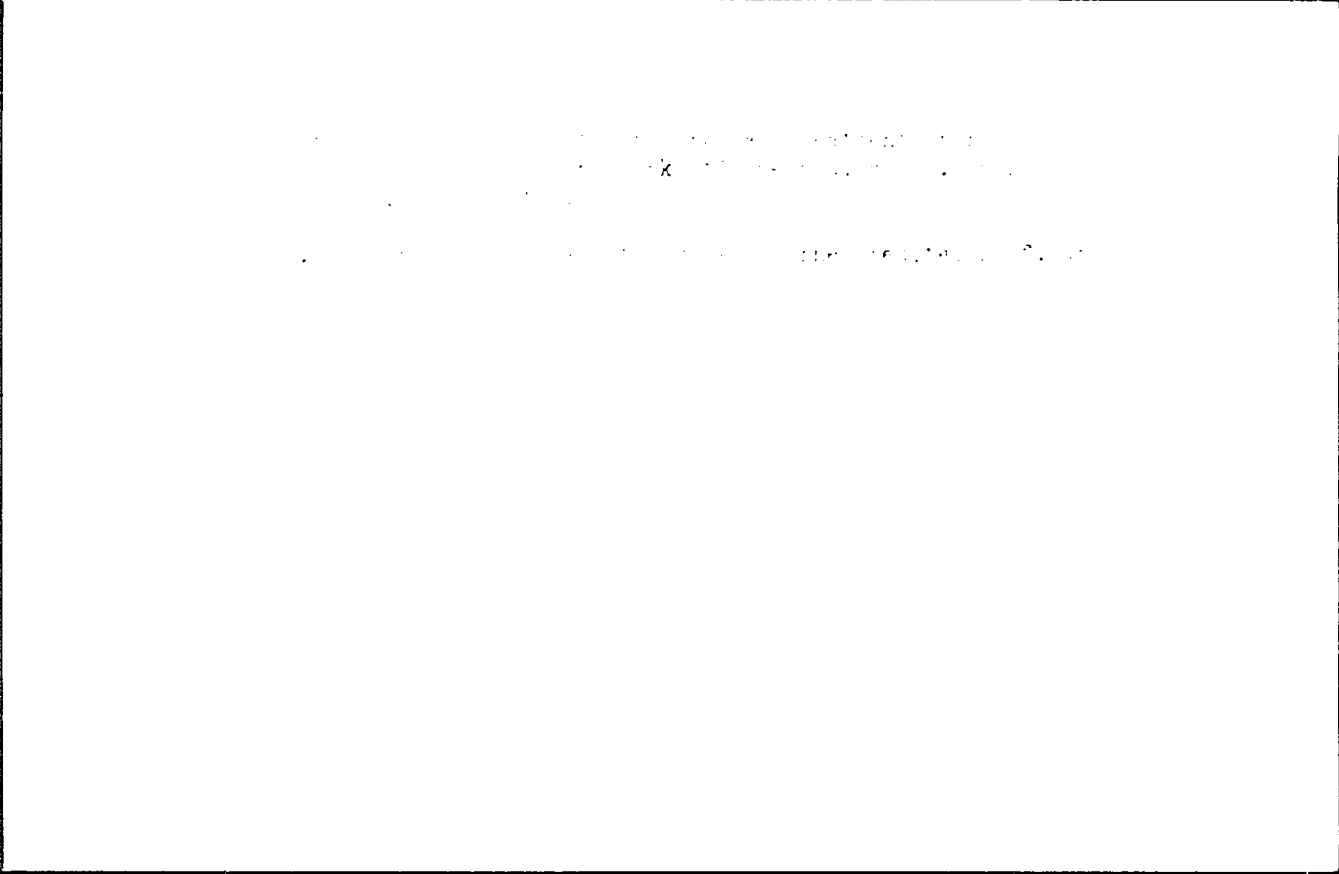
SOURCE: Strojirenstvi, v. 16, no. 2, 1966, 120-124

TOPIC TAGS: metal spinning, shear spinning

ABSTRACT: Shear spinning has been successfully used by some Czech plants for several years. It appears to be limited to sheet metal parts of a conical or a combined cylindrical-conical shape with a diameter not exceeding 700 mm. Carbon and oxidation-resistant steel sheets with respective thicknesses of 2.5 and 4.5 mm, copper sheets 1.5 mm thick, and copper plates 9 mm thick have been spun at room temperature with thickness reductions of 60-80%. No research on spinning is done by any of the Czech research institutions, and no specialized equipment is manufactured in Czechoslovakia. All the work has been done either with lathes, which were modified for spinning, or perhaps with equipment imported from East Germany, where three types of spinning equipment are produced for parts with a maximum diameter of 100, 250, and 315 mm. Orig. art. has: 15 figures. [DV]

SUB CODE: 13/ SUBM DATE: none/ OTH REF: 002/ ATD PRESS: 4219

Card 1/1



MLSOCH, Rudolf; BENEŠ, Borivoj

Intramedullary nailing and cortisone. Acta chir. orthop. traum. sech. 25
no.6:459-461 Nov 58.

1. Vyzkumny ustav traumatologicky v Brne, reditel prof. dr. Vladimír
Novák. U. M., Brno, Ponávka 6.

(CORTISONE, eff.

on intramedullary nailing of fract. (Cz))

(FRACTURES, surg.

intramedullary nailing, eff. of cortisone (Cz))

MLCOCH, Rudolf

An apparatus for repositioning fractures of the bone with comminuted fragments. Acta chir.orthop.traum.cech. 28 no.3:252-255 Je '61.

1. Vyzkumny ustav traumatologicky v Brne, reditel prof. MUDr. Vladimír Novak, doktor lek. ved.

(FRACTURES ther)
(ORTHOPEDICS equip. & supplies)

MLOCH, R.

A rare case of covered rupture of the triceps tendon insertion.
Acta chir orthop traum cech 30 no. 10-11 P 163.

1. Vyzkumne ustav traumatickej choroby v hrne, reditel prof. dr.
Vi. Novak, DrSc.

(TENDON TISSUE)

MICOCH, R.

A clamp for skeletal traction of the skull. Rozhl. chir. 42
no.7:477-479 JI '63.

1. Vyzkumny ustav traumatologicky v Brne, reditel prof. dr.
Vl. Novak, DrSc.

(CERVICAL VERTEBRAE) (SPINAL INJURIES)
(TRACTION) (ORTHOPEdic EQUIPMENT)

MLCOCHOVA, E.; BAYER, A.

Subglottal hemangioma as an unusual cause of stridor in an infant.
Cesk. pediat. 17 no.1:34-37 Ja '62.

1. Pediatricka klinika lekarska fakulty PU, pover. vedouci dr.
L. Pelikan. Patologickounatomicky ustav lek. fak. PU, pover. vedouci
dr. R. Kodousek.

(LARYNX neoplasms)
(HEMANGIOMA in inf & child)
(RESPIRATION in inf & child)

PROCHAZKA, K., MLCOCHOVA, L.

Quantitative investigation of syphilis. Cesk. dermatol. 25:Suppl.
15 Oct. 50. p. 3-11

L. Of the First Dermato-Venerological Clinic in Prague (Head--
Prof. K. Gawalcwski, M. D.).

GLHL 20, 3, March 1951

PROHAZKA, K;MLCOCHOVA, L. K.

To the question of the biological false positive seroreactions.
Cesk. dermat. 25 no.7-8:304-310 July 1950. (CIML 20:1)

1. Of the First Dermato-Venerological Clinic in Prague (Head--
Prof. K. Gawalowski, M. D.).

MILCCHOVA, L.

Biogena, production of vaccines in Czechoslovakia. Cas.lek.ceek.
R9 no.15:435-436 14 Ap '50. (CML 19:2)

CERNY, B.; KOLINSKY, J.; MICOCHOVA, L.

Statistical study on incidence of eczema and other skin diseases in out-patients and in-patients at the First Dermatological Clinic of the Charles University, 1945-50. Cesk. dermat. 28 no.5:196-198 May 1953.

(CJML 24:5)

1. Of the First Dermato-Venereological Clinic (Head--Prof. K. Gawulowski, M. D.) of Charles University, Prague.

LECHIN, B. .

"The Capabilities of Soviet Libraries in the Function
of the Labyrinth", Vest. Sotsializma. No. 1
1971, Issue 1, LC Chair, Lenin State Univ. of
Lenin Inst. for Advancement of Lectures in U.S.S.R.
Mirov. -el. 47.

MLECHIN, B. M.

Comparative evaluation of various methods of treatment of
pulmonary abscess with penicillin. Vest. otorinolar., Moskva
13 no.5:69-72 Sept-Oct 1951. (CIML 21:1)

1. Docent. 2. Of the Department for Diseases of the Ear, Throat,
and Nose (Head -- Prof. V. G. Yermolayev), Leningrad Order of
Lenin Institute for the Advanced Training of Physicians.

MLECHIN, B.M.

Innervation of tonsils; certain new physiologic and morphologic data.
Vest. otorinolar., Moskva 14 no.1:47-51 Jan-Feb 52. (CIAM 21:4)

1. Docent. 2. Of the Department for Diseases of the Ear, Throat, and
Nose (Head--Prof. V.G. Yermolayev), Leningrad Order of Lenin Institute
for the Advanced Training of Physicians imeni S.M. Kirov.

1. MLECHIN, Docent B. M.
2. USSR (600)
4. Nasopharynx - Diseases
7. Pathogenesis of pathological processes in adenoids. *Vop. pediat.* 21, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, _____ April _____ 1953, Uncl.

Name: MLASHIN, Reynus Moyshevlch

Dissertation: Clinical and laboratory studies of
urgent problems of chronic tonsillitis

Degree: Doc Med Sci

Affiliation: [not indicated]

Defense Date, Place: 9 Nov 57, Council of Leningrad State
Order of Lenin Inst for Advanced
Training of Physicians (Ment Kirva

Certification Date: 7 Sep 57

Source: RMV 20/57

MLECHIN B N,

MLECHIN, B.M., dotsent (Leningrad)

Late results of surgery in chronic tonsillitis. Vest.oto-rin. 19
no.3:117 My-Je '57. (MIRA 10:10)

1. Iz kafedry bolezney ukha, gorla i nosa (zav. - prof. V.G.
Yermolayev) Leningradskogo instituta usovershenstvovaniya vrachey.
(TONSILS--SURGERY)

MLECHIN, B.M., dots.

Pathological histology of neural elements of the palatine tonsils in chronic tonsillitis [with summary in English]. Vestn. oto-rin. 19 no.6:21-24 B-D 1972 (MIRA 11:3)

1. Iz kliniki bolezney ukha, gorla i nosa (zav.-prof. V.G. Yermolayev) Leningradskogo instituta usovershenstvovaniya vrachev.
(TONSILLITIS, pathol.
nerves of palatine tonsils)
(TONSILS, innerv.
palatine tonsil nerves in tonsillitis)

YERMOLAYEV, Vladimir Georgiyevich; MLECHIN, Boris Moiseyevich

[First aid in diseases of the ear, throat, nose, and esophagus]
Skoraya pomoshch' pri zbolevaniyakh ukha, gorla, nosa i pishche-
voda. Leningrad, Medgiz, 1959. 210 p. (MIRA 13:8)
(OTOLARYNGOLOGY) (FIRST AID IN ILLNESS AND INJURY)

MLECHIN, B.M., doktor med. nauk (Leningrad)

"Diseases of the ear, throat, and nose" by A.G. Likhachev. Reviewed
by B.M. Mlechin. Fel'd. 1 akush. 24 no.3:59-60 Nr '59. (MIRA 12:4)

(OTORHINOLARYNGOLOGY)
(LIKHACHEV, A.G.)

MLECHIN, B.M.

Immediate and late results of tympanoplasty. Vest.otorin. 22
no.3:52-57 Ky-Je '60. (MIRA 13:10)
(TYMPANIC MEMBRANE—SURGERY)

YERMOLAYEV, V.G., prof.; MLECHIN, B.M., prof.

First aid in diseases of the ear, throat, and nose. Med.
sestra 21 no.2:40-49 F '62. (MIRA 15:3)
(FIRST AID IN ILLNESS AND INJURY)
(OTOLARYNGOLOGY)

MLECHIN, B.M., prof.

Clinical significance of remnants of palatine tonsils. Vestn.
otorinolaring. 25 no.3:76-81 '63 (MIRA 17:1)

1. Iz kliniki bolezney ukha, nosa i gorla Leningradskogo sa-
nitarno-gigivenicheskogo meditsinskogo instituta.

MLECHIN, B.M., prof.

Review of I.B. Soldatov's book "Nervous apparatus of the
tonsils in health and pathology." Vest. oto-rin. 25 no.4:
95-96 J1-Ag '63. (MIRA 17:1)

BOERANSKI, Boguslaw; MLECZKO, Wanda

Synthesis and properties of 1-p-iodo-phenyl-5,5-diallylbarbituric acid. Arch. immun. ter. dosw. 9 no.4:593-598 '61.

1. Department of Organic Chemistry, School of Medicine, Wroclaw.

(BARBITURATES pharmacol)

MLECZKO, W.

Bicyclo-[2,20]-hexa-2,5-dien--lower benzene. Wlad chem 12
no. 7:417-418 J1 '64.

MLECZKO, W.

Reactions with N-lithioethylene-2-amine. Wiad chem 18
no. 2: 117-120 F 1964.

MLECZKO, Wanda

The obtaining and the reactions of 1,2-dicyano-1,2-diphenylethane.
Wiad omem 18 no.4:234-236 Ap '64.

MLEJNEK, Frantisek

Modely terenu. (Models of Terrain. 1st ed. illus., bibl.) Authors: Frantisek Mlejnek, Vladimir Ledvinka. Prague, NV, 1957. 87 p. Vol. 69 of the series Velka vojenska knihovna (Large Military Series)

Principles and instruction on the making of terrain models of sand, earth, paper, and other materials. Information on the fictitious depiction of space, especially on anaglyphs and stereograms.

Bibliograficky katalog, CSR, Ceske knihy, No. 31. 10 Sept 57. p. 665

MLEJN EK, OTAKAR

The determination of hydroxyl groups in organic matter.
 Otakar Mlejnek (Vědecký ústav Katedry Kvalitativní a kvantitativní chemie, Praha). Chem. Zvesti 2, 27-30 (1958). The detn. is based on the acetylation of free alc. hydroxyl groups (I) by glacial AcOH, with H₂SO₄ as a catalyst and titrating the H₂O of condensation with the Fischer reagent (C.A. 29, 6532*). This method can be applied to org. matter contg. a low amt. of I. Good results were obtained in detg. mono- and di-glycerides of linseed oil, of I of ricin oil, and of alkyd resins modified by linseed oil. This method also can be used in studies of kinetic and mechanism of condensation and esterification reactions. It is not sufficiently sensitive for detg. I in polyester resins. In this case a modified Henson method can be applied (Henson, *et al.*, C.A. 27, 8912). The acetylation of I is done in glacial AcOH by using 1% H₂SO₄ at 60° for 1 hr, and the H₂O of condensation is detd. by the Fischer reagent. Up to 0.03% of I can be detd. by this method. Jan Micks

M. J. Micks

MLEINE KOTAKAR.

Moisture determination in polyimides. Ostakar Mlčánek
(Strokovny ústav kablov izolantov, Bratislava, Czech.).
Chem. Zvesti 9, 81-4 (1956).—Titration with Fisher's reagent
by using solvent or extn. method is recommended.
Jan Mlčka

Handwritten notes and signatures, including a vertical line of text and a signature.

MLEJNEK, O., AND OTHERS

Reesterification of linseed oil by dihydric alcohols.

P. 41 (Chemický Průmysl) Vol. 7, No. 1, Jun. 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (LEAI) LC. - VOL. 7, NO. 1, JUN. 1958

MILJNEK OTAKER,

CZECHOSLOVAKIA/Electricity - Dielectrics

G-2

Abs Jour : Ref Zhur - Fizika, No 1, 1958, 1254

Author : Gomory Ivan, Bist'an Ernest. Miljnek Otaker, Stinner Jan

Inst : -

Title : Connection Between Thermal Stability and Chemical Structure of Dielectrics.

Orig Pub : Strojníelektrotechn. časop., 1957, 8, No 1, 10-17

Abstract : A survey of data on the dependence of the thermal stability of high molecular organic dielectrics and their chemical structure. The authors discuss briefly the structural variations that occur upon heating, and give ideas concerning the degree to which they depend on the individual elements of the structure.

Card 1/1

CZECHOSLOVAKIA/Chemistry of High-Molecular Substances.

Res Jour : Ref Jour - Kemiya, No. 1, 195, 1950

Author : Mladjnek, C.

Inst :
Title : Comparison of the Results Obtained From the Synthesis of Polyester Resins With and Without Catalyst.

Orig. Inst : Chem. Zavodi, 11, No. 1, 195-197, 1950. In: The same with summaries in German and Russian.

Abstract : Investigation of the kinetics of the condensation of glycerol (I) with maleic acid (II), phthalic anhydride (III), and maleic anhydride (IV) in the absence of solvent (A) and in the presence of 5-lut xylene (B) used as a solvent. It is shown that the reaction rate ratio k_1/k_2 under condition B at 170 and 175°C is 1.0. Full width values relative the reaction rate obtained against under condition A for the resin-3 and 4 (condensation of the primary and methyl ester).

Card 1/3

64

CZECHOSLOVAKIA/Chemistry of High-Molecular Substances.

I.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 3130C

products) [TN: the text does not seem very specific as to what rates are compared]: with II, 1.67 and 1.79; with III, 1.32 and 1.35; and with IV alone, 0.91 and 0.89. The reaction rates under condition B are likewise greater than under condition A in the production of oily [TN: sic] alkyd resins. The application of method B results in greater stability of the analytic characteristics of the resins produced. The deviations from the mean of the COOH and OH content (%) [TN: functionality?] and the molecular weight M in polyester resins synthesized by methods B and A, respectively, are as follows: 4.64 and 2.09; 2.44 and 8.77; and 11.04 and 17.27. Among the advantages of method B may be listed the absence of sharp temperature rise during the initial exothermic stage of the reaction; such a temperature rise is invariably observed when method A is used.

CZECHOSLOVAKIA/Chemistry of High-Molecular Substances.

Abstr Jour : Ref Zhur - Khimiy., N. 9, 1959, 31300

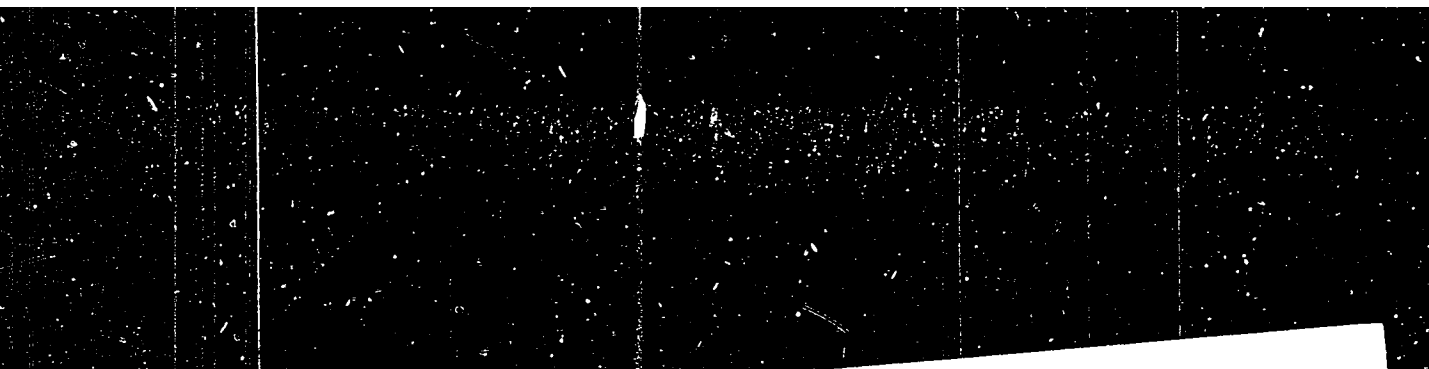
A further advantage is the prevention of the...
III by utilization... Notwithstanding...
locks, e.g., increased fire hazard...
some 3 is... process A.

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AUTHORS: Mlejnek, O., and Sečkářová, H¹
TITLE: Photometric Determination of Methyl Alcohol¹
Synthesis of Terephthalate Resins¹⁵

PERIODICAL: Chemický průmysl, 1960, Nr 4, pp 217-219

ABSTRACT: Polyesters based on terephthalic acid are produced not only by polycondensation, but also by transesterification from dimethylterephthalata and polyglycole. The efficiency of the reaction can be measured by estimating the amount of methanol liberated in the process. A volumetric determination of methanol gives unreliable results and fails completely in presence of solvents, such as cresols. The authors have developed a photometric method for the estimation of methanol, based on its oxidation to formaldehyde by means of potassium permanganate and conversion into a coloured complex with Schiff's reagent. This was then determined photometrically. The photometric determination was carried out with a green filter, transmitting light of 500 to 560 mμ. The concentration of methanol was read

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Photometric Determination of Methyl Alcohol During the Synthesis of Terephthalate Resins

directly from a calibration curve. It was found that the photometric determination of methanol gave correct and reproducible results if the following conditions were observed:

- 1) A new calibration curve to be used for each series of tests.
- 2) Methanol has to be isolated from the reaction mixture by means of steam distillation.
- 3) The amount of methanol used for distillation should be in the order of 100 to 200 cc, 50 ccs of the distillate to be collected.
- 4) If cresols are present, the steam distillation of methanol has to be carried out with an excess of potassium hydroxide. It was found that the method can be also used for the estimation of unreacted methyl-ester groups. In that case saponification by means of potassium hydroxide precedes the steam distillation of methanol.

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Table Nr I contains data on the reproducibility of calibration curves. In Fig 1 curves are presented showing the efficiency of steam distillation of methanol with

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Photometric Determination of Methyl Alcohol During the Synthesis
of Terephthalate Resins

varying concentration of methanol. Table II contains
data on the accuracy of the method. There is 1 figure,
2 tables and 4 references, 1 of which is German,
2 Soviet and 1 English.

ASSOCIATION: Výskumný ústav káblov a izolantov, Bratislava
(Research Institute for Cables and Insulating Materials,
Bratislava)

SUBMITTED: September 29, 1959

Card 3/3

MLEJNEK, Otakar

Identification of polymeric substances by gas liquid chromatography
of the product of their thermal destruction. Chem prum 11 no.11:
604-607 N '61.

1. Vyzkumny ustav kablov a izolantov, Bratislava.

MLEJNEK, Otakar, inz., C.Sc.; PAULINY, Milan

Column head in the gas-liquid chromatography. Chem zvesti
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MLEJNEK, Otakar, inz., C.Sc.; SECKAROVA, Helena

Determining the free ethylene glycol in its polyesters. Chem zvesti
15 no.10:760-764 0 '61.

1. Vyskumny ustav kablev a izolantov v Bratislave. Authors' address:
Bratislava, Tovarenska 12, Vyskumny ustav kablev a izolantov.

MJEJNEK, Ctakar, inz., C.Sc.; SECKAROVA, Helena

Identification and determination of phenol, p-cresol, 4,4'-
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of paper chromatography. Chem zvesti 15 no.11/12:835-389 M-D '61.

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MLEJNEK, Otakar

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Determining small quantities of methyl alcohol in ethyl alcohol by gas-liquid chromatography. Chem zvesti 17 no.2: 118-125 '63.

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WASHER, George H. ...
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MLEJNEK, Otakar

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MLEJNKOVA, M.

CZECH

Heparin-tolerance test in vivo by means of the thrombin titration method. A supplementary communication. C. Švehla, H. Špánková, and M. Mlejnková (I. klin. chorob vnitřních, Prague). *Časopis lékařů českých* 93, 1350-51 (1954); cf. *C.A.* 49, 2553c. The modification of the heparin-tolerance test according to Schwarz, et al. (*C.A.* 46, 622c) is of great advantage for routine use. The disadvantage lies in the fact that it gives no indication of the stages of coagulation preceding thrombin formation. J. M. Hays

DIENSTBIER, Z.; SPANKOVA, H.; MLEJNKOVA, M.

Mechanism of modifications of the picture of leukocytes following administration of the lethal dose of roentgen rays. I. Effect of adrenalectomy; studies on neurohumoral regulation of the picture of leukocytes. *Cesk. fysiolog.* 4 no.2:195-199 May 55.

I. I. klinika chorob vnitřních K.U., Praha. Statistické zpracování: Mr. mat. V. Maly. Ústav pro organizaci zdravotnictví. Praha.

- (LEUKOCYTE COUNT, effect of radiations on, x-ray, lethal dose, in adrenalectomized animals)
- (ROENTGEN RAYS, effects, on leukocyte count, lethal dose in adrenalectomized animals)
- (ADRENAL GLANDS, effect of excision, on leukocyte count response to lethal dose of x-rays)

Mlejnkova, M.

✓ The hemostatic effect of sodium 1-naphthylamine-4-sulfonate. F. Hefmanický, H. Špánková, and M. Mlejnková (I. klin. chorob vnitřních, Prague). *Československý lékařský časopis* 94, 1129-33 (1966).—Sodium 1-naphthylamine-4-sulfonate, in doses of 10 ml, 10% soln., was injected intravenously. It shortened the clotting time by an av. of 20-25% within 2 hrs. following administration. The bleeding time varied irregularly during the same period. The shortening of the clotting time cannot be attributed to an increase of thromboplastin or factor VII in the blood, since prothrombin consumption did not increase. The clinical effect in hemorrhagic conditions is not consistent.

J. M. Hais

3

HERMANSKY, Frant., MUDr.; PUDLAK, Pavel, MUDr.; MLEJNKOVA, Miroslava;
SPANKOVA, Helena

Unusual cases of hemorrhagic states from the group of so-called
hypothromboplastinias. Cas. lek. cesk. 95 no.7:182-187 12 Feb 56.

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M. Netousek.

(HEMORRHAGIC DIATHESIS,
hypoprothrombinemia. (Cz))
(PROTHROMBIN, deficiency,
hypoprothrombinemia (Cz))

KLAIN, M.; SVEMLA, C.; technicka spoluprace SPANKOVA, H.; MLEJNKOVA, M.

Blood coagulation changes in extracorporeal circulation. Rozs. 1.
chir. 41 no.10:667-672 O '62.

1. Ustav klinicke a experimentalni chirurgie v Praze, reditel prof.
dr. B. Spacek, DrSc. Vyzkumny ustav experimentalnej terapie v Praze,
reditel doc. dr. O. Smahel, DrSc.
(HEART MECHANICAL) (BLOOD COAGULATION)

KONIG, Jiri; SVEHLA, Ctirad; SPANKOVA, Helena; MLEJNKOVA, Miloslava; Statistické zhodnocení LISKA, Jiri

Changes in the white blood picture caused by withdrawal of the blood specimen. Cas. Lek. Cesk. 101 no.14:444-446 6 Ap '62.

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(LEUKOCYTE COUNT)

SVEHLA, Ctirad; KONIG, Jiri; SPANKOVA, Helena; MLEJNKOVA, Miloslava

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1. Interni katedra Ustavu pro doskolovani lekaru v Praze a Vyzkumny ustav
experimentalni terapie v Praze, reditel doc. dr. O. Smahel, DrSc.
(HEMOPHILIA)

CZECHOSLOVAKIA

SVEHLA, C., KONIG, J., SPANKOVA, H., MLEJNKOVA, M.,
Chair of Internal Medicine at the Institute for Medical
Postgraduate Study and Research Institute for Experimental
Therapy, Head Asst. Prof. O. Smahel, M.D. (Interni
katedra Ustavu pro doskolovani lekaru a Vyzkumny ustav
experimentalni terapie), Prague.

"Coagulation Changes in Patients with Disorders of the
Liver Parenchyma and Impaired Bile Excretion."

Prague, Casopis Lekarů Ceskych, Vol 102, No 9, 1
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Abstract [Authors' English summary modified]: 100 patients
were investigated. Disorders of coagulation are common
in liver diseases and are in proportion with the severity
of the illness. Factors VII and IX respond most, II and
V least. The coagulation tests are considered as a sen-
sitive indicator of the liver parenchyma.

2 Figures, 2 Tables, 4 Western, 9 Czech, 7 German refs.

1/1

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Changes in blood coagulation in ischemic coronary states determined by the heparin tolerance test. Cas. lek. cesk. 103 no.22:597-600 29 My'64

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Comparison of the activity of inhibitors of prostaglandin
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The age factor in progressive antithrombin. *Cas. lek. cesk.*
103 no.46:1282-1283 13 N '64.

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UDL v Praze, (reditel prof. dr. O. Smahel, IrSc.).

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Dr. O. ...

SVEHLA, G.; KONIG, F.; NYDANE, K.; BRANDTA, H.; WITNAVA, J.

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body irradiation of mice. *Acta Univ. Carolinae, Praeh. Med. Biol.*
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RYSANEK, K.: SPANKOVA, H.: MLEJNKOVA, M.: KONIG, J.: Department of Internal Diseases, Institute of Postgraduate Medical Training; Institute of Experimental Therapy (Interni Katedra UDL; Vyzk. Ustav Experimentalni Terapie), Prague.

"The Relation of Antidepressive Substances of the Imipramine type to the Aggregation of Human Thrombocytes by Adrenalin. (Relationship Between the Inhibition of the Absorption of Biogenic Amines and the Inhibition of the Aggregation of Thrombocytes."

Prague, Activitas Nervosa Superior, Vol 8, No 4, Nov 66, pp 376-378

Abstract: Effect of some imipramine type substances on the metabolism of macroenergetic phosphates was investigated; the aggregation of thrombocytes was used as an indication of this metabolism. Imipramine, norimipramine, propazepin, amitriptyline, and nortriptyline were used in the study. Nortriptyline and norimipramine block the aggregation of thrombocytes stimulated by adrenalin more than the other investigated drugs. It seems that imipramine antidepressants act directly on the cell membrane

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