

STEININGER, Zygmunt (Zabrze)

Studies on the possibility of starting production of 7
2.5 mm splices. Przegl budowl i bud mieszk 35 no.2:
94-97 F '63.

L 23671-66 EWA(h)

ACC NR: AP6009340 (A) SOURCE CODE: CZ/0078/65/000/011/0011/0011

AUTHOR: Lauenroth, Franz (Engineer); Steinke, Lothar (Graduate engineer; Berlin)

36
B

ORG: none

TITLE: Diode phase circuit. CZ Pat. No. FV 5195-64, Class 21a
sup 4

SOURCE: Vynalezzy, no. 11, 1965, 11

TOPIC TAGS: circuit design, Zener diode, carrier frequency

ABSTRACT: An Author Certificate has been issued for a frequency-dependent phasing circuit containing two Zener diodes. The diodes are interconnected in opposite polarity and connected to one pole of the carrier frequency circuit. A capacitor is connected between the remaining electrodes (of the diodes) with a source of bias or modulating voltage in parallel. These electrodes are switched to another pole of the carrier frequency circuit. [KP]

SUB CODE: 09/

SUBM DATE: 18Sep64/

Card 1/1 FV

L 13415-66 EWP(j)/EWP(t)/EWP(n)/EWP(b) IJP(c) JD/RM

ACC NR: AP6006649

SOURCE CODE: GE/0063/65/338/01-/0078/0089

AUTHOR: Steinike, U.

ORG: Institute for Physical Chemistry, German Academy of Sciences, Berlin-Adlershof
(Institut für Physikalische Chemie der Deutschen Akademie der Wissenschaften)

TITLE: Preparation of aluminum hydroxides and investigation of the x-ray and catalytic properties of the oxides^{1, 4, 5}

SOURCE: Zeitschrift für anorganische und allgemeine Chemie, v. 338, no. 1-2, 1965, 78-89

TOPIC TAGS: aluminum hydroxide, inorganic oxide, x ray analysis, catalysis, aluminate, chemical reaction

ABSTRACT: On the basis of X-ray and catalysis studies it was established that aluminum hydroxides prepared from sodium aluminate are better catalysts than those prepared from aluminum nitrate solutions. The hydroxide/oxide ratio and the particle-size distribution in the various products was investigated and differences between the products made by the two techniques were discussed. The relations between physical, chemical and crystalline characteristics and catalytic activity were described. The author thanks Miss H. Schmittler, Graduate Physicist, for the taking of the electromicroscopic photos. Further thanks is extended to Miss Schmittler's work group. Orig. art. has: 11 figures. [JPRS]

SUB CODE: 07, 20 / SUBM DATE: 13Oct64 / ORIG REF: 013 / OTH REF: 004

Card 1/1

STEINKENE LOVASS, Eleonora

Development of electronic music. Kep hang 6 no.1:19-24 F '60.

1. Magyar Radio es Televizio.

STEINKENE LOVASS, Nora

Electronic and experimental music conference. Kep hang ll no.1:
12-15 F '65.

STEINKENE LOVASS, Nora

Present state of stereophonic recording and transmitting
technique.II. Kep hang 7 no.1:20-24 F '61.

STEINMAN, V.

"The construction of hall E in the Rade Koncar Factory." p. 46. (Gradevinar. Vol. 5, no. 2, May 1953. Zagreb.)

SO: Monthly List of East European Accessions. Vol. 3, no. 3. Library of Congress. March 1954.
Uncl.

STEINMAN, Viktor, inz. (Zagreb)

Effect of the earthquake on the tall buildings in Skopje. Gradevinar
16 no.9:317-331 S '64.

STEINMANN, Bedrich; REJLEK, Jaroslav

Remarks on children's injuries in rural areas. Prakt. lek.,
Praha 35 no.14:326-328 20 July 55.

1. Z chirurgického oddeleni (prim. MUDr. Bedrich Steinmann),
z detskeho oddeleni (prim. MUDr. Jaroslav Rejlek), OUNZ v
Jicine.

(WOUNDS AND INJURIES, in infant and child
rural area in Czech., statist. survey)

(RURAL CONDITIONS
inj. in child., in Czech.)

REJIEK, Jaroslav; Steinmann, Bedrich

Accidents in schools. Cesk. pediat. 14 no.7:583-589 July 59.

1. Chirurgické a dětské oddělení OUM v Jicině.
(ACCIDENTS - in infancy & childhood)

STEINMANN, Bedrich

~~STEINMANN, Bedrich~~
An unusual case of rupture of the stomach. Rozhl. chir. 38 no.7:
486-489 July 59

1. Chirurgické oddelení OUNZ v Jicině, primář MUDr. B. Steinmann
(STOMACH, dis.)

HASIK, Jan; IMHOF, Peter; STEINMANN, Bernhard

Changes of the thromboelastographic curve in relation to age. Pol.
arch. med. wewn. 32 no.12:1525-1531 '62.

1. Z Oddzialu Wewnetrznego C.L. Loryhaus-Inselspital Bern Kierownik:
prof. dr med. B. Steinmann i z II Kliniki Chorob Wewnetrznych AM w
Poznaniu Kierownik: prof. dr med. J. Roguski.
(THROMBOELASTOGRAPHY) (AGING)

SANDA, Z.; STEINMANN, B.

Pneumoperitoneum during gastroscopy. Cesk. gastroent. vyz.
17 no.5:295-299 JI '63.

1. Interni oddeleni GUNZ v Jicine, vedouci MUDr. B. Steinmann.
(GASTROSCOPY) (PNEUMOPERITONEUM)
(PERITONITIS)

STEINMANN, H. (Budapest, VIII., Baross u.13)

Raphidiopterological studies. I. Acta zool Hung 9
no.1/2:183-198 '63.

1. Zoological Department of the Hungarian Natural History
Museum, Budapest. Director: Dr. Z. Kaszab.

STEINMANN, Henrik, dr., tudományos főmunkatárs, a biológiai tudományok
kandidátusa (Budapest)

Science against injurious insects; a new method for investigating
the central nervous system of insects. Term tud kozl 7 no.5:
204-206 My '63.

STEINMANN, Henrik, dr.

The scorpion flies. Elet tud 18 no.25:800 23 Je '63.

STEINMANN, Henrik, dr., a biológiai tudományok kandidátusa

Self-mutilation. Elet tud 18 no.29:908-910 21 JI '63.

STEINMANN, Henrik, dr., a biological tudományok doktora

Simulation of death in the world of animals. Elet tud 18 no.43:
1352-1355 27 0 '63.

STEINMANN, Henrik, dr., a biológiai tudományok kandidátusa

"Speech" of spiders. Elet tud 18 no.45:1419-1421 10 N '63.

STEINMANN, Henrik, dr.

Archerfish. Elet tud 19 no.28:1313-1316 10 Ji '64.

STEINMANN, Henrik, dr.

Mole cricket, harmful insect of our garden. Elet tud 19 no.31:
1461 31 J1 '64.

STEINMAN, Viktor, inz. (Zagreb)

Lectures of foreign experts in building constructions in the earthquake areas, held at Skopje. Gradevinar 16 no. 1:16-21
Ja '64.

1. Clan Redakcionog odbora, "Gradevinar".

HASIK, Jan; IMHOF, Peter; STEINMANN, Bernhard; SCHAUB, Hans

Results of cardiological examination of patients with bilateral paralysis of the lower extremities following the administration of noradrenalin and hypertensin. Pol. tyg. lek. 18 no.41:1509-1513 7 0 '63.

1. Z II Kliniki Chorob Wewnętrznych AM w Poznaniu; kierownik: prof. dr Jan Roguski, Z Oddziału Wewnętrznego C.L. Loryhaus (Inselspital) Bern; kierownik: prof. dr Bernhard Steinmann).
(PARALYSIS) (LEG) (NOREPINEPHRINE)
(ANGIOTENSIN) (HEART FUNCTION TESTS)
(PHARMACOLOGY)

STEINMETZ

Magyar Kozlekedes, Mely-Es Vasopites
 Communication and civil engineering in Hungary
 vol. II 1960
 no. 12 december

F. Steinmetz,
 The Five Year Plan and urban commun-
 cation 24 21

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

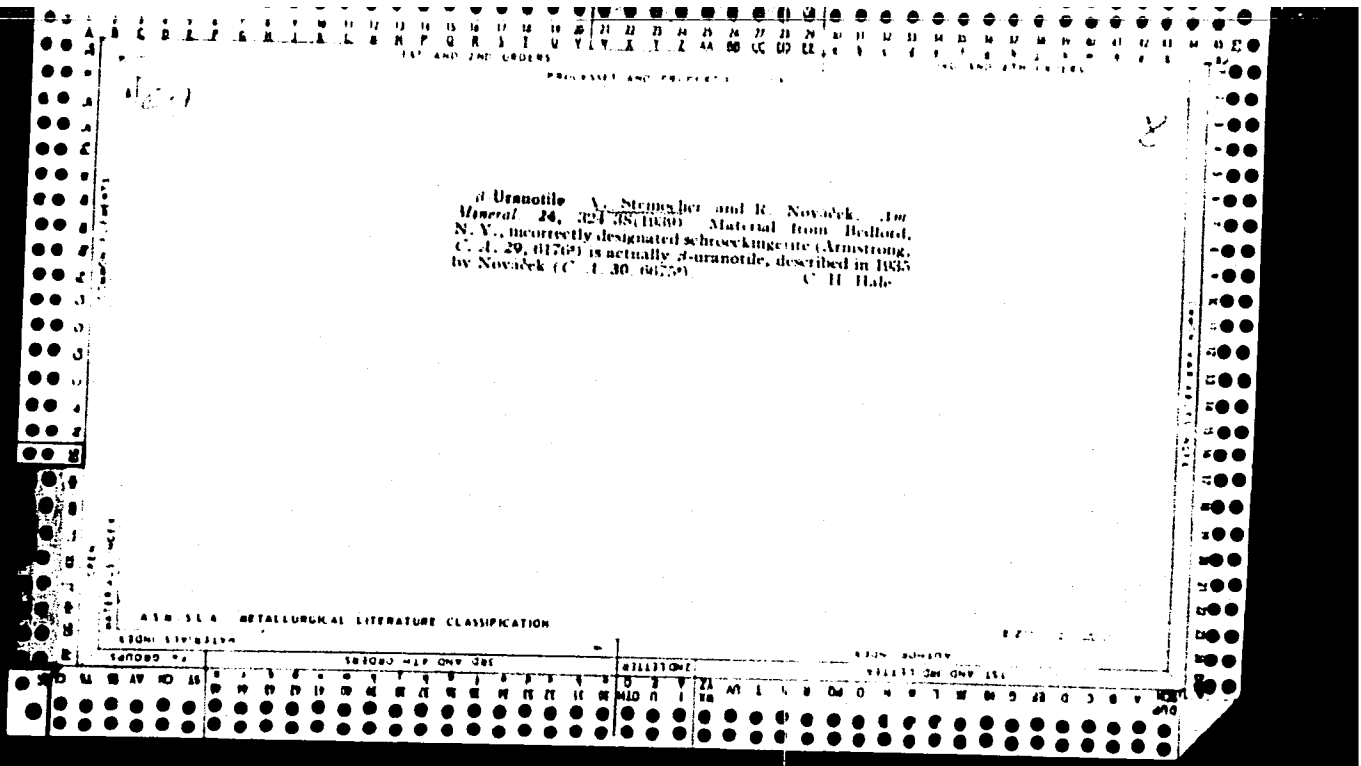
STEINMETZ

STEINMETZ, I.

New subway in Moscow. p. 493.

Vol. 4, no. 9, Sept. 1954.
MELYEPITESTUDOMANYI SZEMLE
Budapest

SOURCE: Monthly list of East European Accession, (EFAL), LC, Vol. 5,
No. 3, March, 1956



CA

8

Position of some plutonic and dike rocks of the plutonic mass of central Bohemia in P. Niggli's quantitative mineralogical and chemical system. Vladimír Stejneger (Státní ústav geol., Prague). *Shornik Státn. Geol. Ústavu Českoslov. Rep.* 17, 241-88(1950)(English summary). Planimetric measurements of optically identified minerals in rock sections are examd. in vol. and wt. % for 80 samples. From the compn. a closer detn. of the rock in the Niggli system was possible. Alois Langer

STEINCOHER, V.

CZECH

✓ The position of some plutonic and dike rocks of the pluton of Central Bohemia in Niggli's quantitative mineralogical and chemical system. Vladimír Stejneger, Sborník Ústřed. Ústavu Geol. 20, 1928, 120-8; cf. *C.A.* 46, 4908f. — A series of mineralogical and chem. analyses and ds. of rocks from Central Bohemia are given. The merits of the optical method of detg. the compn. of plagioclases are discussed. The classification system of Niggli (*C.A.* 47, 70c) is defended.

H. Newcombe

STEINOCHEK, V.

"Position of certain intrusive and vein rocks in the outcrops of the Plutonian in Central Bohemia in P. Niggli's quantitative mineralogical and chemical system"

Sbornik. Oddil geologicky. Praha, Czechoslovakia. Vol. 24, no. 1, 1957 (published 1958)

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

CZECHOSLOVAKIA

K. STEJNOVA, Vertebrotherapy Outpatient Unit (Vertebroterapeuticka ambulance), Chief (vedouci) Docent Dr K. LEWIT, [rest same affiliation as above.]

"Therapeutic Exercises in Cervical Discopathies."

Prague, Ceskoslovenska Neurologie, Vol 26, No 2, 1963; pp 94-103.

Abstract [English summary modified]: Comprehensive discussion of the interaction of the skeletal muscles and cervical spine in various positions - sitting with crossed legs on floor, kneeling, standing - and motions - running, walking, manual work. Most of the discussed defects are due to unnecessary contraction of various mostly abductor and flexor muscle groups. Different types of resulting subclinical or pre-clinical lordotic-kyphotic positions and main defects in each are reviewed and illustrated in 17 sketches and 2 photographs. Six German, 1 US and 3 Czech references.

W1

STEINS, K.A.

Determining the age of the family of minor planets EOS (670ⁿ-682ⁿ).
Astron.zhur. 33 no.2:246-250 Mr-Apr '56. (MLRA 9:8)

1. Astronomicheskaya observatoriya Latvyskogo gosudarstvennogo
universiteta.

(Planets, Minor)

STEINS, K.A.

On the origin of comets with almost circular orbits. In English. p. 112

ACTA ASTRONOMICA. (Polska Akademia Nauk. Komitet Astronomii)
Warszawa. Vol. 8, no. 3, 1958
Poland/

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

STEINS, K.; KRONKALNE, S.

Changes in orbital elements for a comet's passage through the planetary system. Acta astronom 14 no.4:311-321 '64.

L. Astronomical Observatory of the Latvian State University, Submitted March 1964.

DEIRSA, Lains, de.

100 new statutory provision on land registry. Geod kart
16 no. 31364-369 '84.

STEISKAL, Jar.

MILOTOVA, J.; KLUSKA, Vlad.; STEISKAL, Jar.

Information about parents of children at an infectious ward as one of the methods of prevention of hospitalism. Cesk. pediat. 13 no.4:355-359 5 May 58.

1. KDN, Brno, infekcni odd, prednosta doc. MUDr. Vlad. Kluska.
(CHILD PSYCHOLOGY
hospitalism, prev. (Cs))

STEJA, Jiri, inz.

A new world record of fast drilling in Yugoslavia. Uhli 6 no.9:
291 S '64

"The Geology of Topographic Insulates in Ukraine."

1. M. Ustinskiy, "Geology of Eastern Part of Ukraine," (Moscow, Geology Press)
Vol. 1, no. 1, pp. 1-100

2. Monthly Index of East European Reception (M.I.E.R.), Vol. 7, No. 2, May 1958

R/007/60/011/012/001/001
A231/A126

AUTHORS: Pop, A., Doctor; Stejaru, D., Chemist

TITLE: Analysis of liquid-solid chromatography of benzene, toluene, methyl-ethylcetone mixtures and of benzene, toluene and acetone mixtures

PERIODICAL: Petrol și Gaze, v. 11, no. 12, 1960, 561 - 565

TEXT: One of the modern procedures of lubricant refining is the paraffin stripping by selective solvents. Propane mixtures of aromatic hydrocarbons (benzene and toluene) and cetone (acetone and nethylethylcetone) are used as solvents. The usual methods of determining the content of each component are not very accurate and fairly slow. For this, the authors have worked out a method for separating the components from the solvent, based on the property of different adsorbants to selectively adsorb the aromatic hydrocarbons and cetones. The solvent formed of aromatic hydrocarbons and one cetone is completely adsorbed in a chromatographic column by the activated silica gel, used as adsorbant. By desorption with methyl or ethyl alcohol the aromatic hydrocarbons appear first and then the respective cetone. The overall concentration of the aromatic hydrocarbons and of the respective cetone can be determined in function of the refraction

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Analysis of liquid-solid chromatography of...

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index of every fraction. The concentration of benzene and toluene is determined on the basis of the benzene-toluene mixture ratio and the refraction index of the aromatic level. The following apparatus is used: chromatographic column of glass; collecting vessel for measuring each fraction collected from the column with a precision of ± 0.005 ml (Fig. 3); approximately 15 test tubes (100 x 12 mm) for collecting the fractions; Abbe refractometer for the determination of the refraction index of the fractions with an accuracy of ± 0.0002 units. The following chemical substances have been used: silica gel made by the Uzinele sodice (Sodium Plant) in Ocna Mureşului, benzene of a 99.8% purity $n_D^{20} = 1.5011$; toluene of a 99.8% purity $n_D^{20} = 1.4969$; acetone $n_D^{20} = 1.3591$; methylethylcetone $n_D^{20} = 1.3791$; methyl alcohol p.a.; ethyl alcohol p.a.; air or compressed nitrogen at approximately 2 atm; lubricant for valves, insoluble in hydrocarbons, and cetone. Silica gel of a granulation of 0.10 - 0.20 mm is first activated by heating at 150 - 160°C and is then filled into the chromatographic column until it reaches a height, 30 - 40 mm below the glass-ball of the column. 25 ml of the sample is then introduced into the glass-ball. An additional pressure by nitrogen, attaining 0.3 - 0.6 atm is applied (Fig. 4) to obtain an average flow speed of 10 - 30 mm/min. Then, 50 ml of methyl or ethyl alcohol are added. Ethyl alcohol is used in case of benzene, toluene and methylethylcetone mixtures and

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methyl alcohol in case of benzene, toluene and acetone mixtures. Again pressure is applied and fractions of 0.5 - 3.5 ml are collected, after which the refraction index of each fraction is determined. Table 1 compiles the data obtained by the determination of a benzene, toluene and methylethylcetone mixture. The first groups consist of benzene, toluene; the second of benzene, toluene and methylethylcetone (or acetone); the third of methylethylcetone; and the fourth of methylethylcetone and ethyl alcohol or acetone and methyl alcohol. On the basis of the refraction indexes of the fractions, one is able to compute the total volume of benzene and toluene, respectively the volume of methylethylcetone. The refraction indexes are designated as follows: n_{AR} = aromatic hydrocarbons; n_{MEC} = methylethylcetone; n_f = individual fraction; n_a = alcohol. The volumes are designated by: V_{AR} = aromatic hydrocarbons; V_{MEC} = methylethylcetone; and V_f = individual fraction. The hydrocarbon volume of the first group is computed by $V_{AR_I} = V_{f_I}$ and that of the second group by: $V_{AR_{II}} = \sum \frac{n_f - n_{MEC}}{n_{AR} - n_{MEC}} \cdot V_f$. The volume of methylethylcetone of the second group is calculated by: $V_{MEC_{II}} = V_{II} - V_{AR_{II}}$, and that of the fourth group by: $V_{MEC_{IV}} = \sum \frac{n_f - n_a}{n_{MEC} - n_a} \cdot V_f$. The third group consists only of methylethylcetone. The total volumes are computed by:

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Analysis of liquid-solid chromatography of...

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$V_{Ar} = V_{ArI} + V_{ArII}$ and $V_{MEC} = V_{MECII} + V_{MECIII} + V_{MECIV}$. The total volume is:
 $V = V_{Ar} + V_{MEC}$. The benzene and toluene concentration is calculated by the relation which exists between the refraction index and the benzene-toluene ratio of the pure aromatic fraction. Table 2 contains the results of the calculation. The benzene concentration was determined on the basis of Table 3. For the establishment of the analysis method, synthetic mixtures have been used. The results of the determination of benzene-toluene-methylethylcetone mixtures and benzene-toluene-acetone mixtures are given in Table 4 and 5, respectively. The method is accurate, the apparatus are very simple and the duration of analysis is short (1 - 1.5 h). There are 5 tables, 5 figures and 5 references: 2 Soviet-bloc and 3 non-Soviet-bloc.

ASSOCIATION: Institutul "Petrochim" (Institute "Petrochim") in Ploesti

SUBMITTED: January 11, 1960

Card 4/10

STEJARU GRIGORE

Rumania/Chemical Technology - Chemical Products and Their Application. Synthetic
Polymers. Plastics, I-

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63131

Author: Simionescu, Cristofor; Grigoras, Marg.; Popa, Eugen; Stejaru, Grigore

Institution: None

Title: Industrial Utilization of Vegetable Proteins for the Production of
Plastics. Communication VI

Original

Periodical: Consideratiuni asupra obtinerii si industrializarii proteinelor
vegetale mase plastice (Comunicarea VI). Studii si cercetari
stiint. Acad. RPR fel Iasi, 1953, 4, No 1-4, 245-256; Rumanian;
Russian and French resumé

Abstract: On condensation of vegetable protein (for example from sunflower or
pumpkin waste) in strongly acid medium with formalin or in a weakly
acid or weakly alkaline medium with furfural a condensation product
is obtained from which a plastic is produced by mixing with plasti-
cizers (glycerol, tricresyl phosphate, dibutyl phthalate, Na-butyrate

Card 1/2

Rumánia/Chemical Technology - Chemical Products and Their Application. Synthetic
Polymers. Plastics, I-

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63131

Abstract: etc) and filler (glass powder, graphite, carborundum, etc). Fabrica-
tion of articles from these plastics is effected at 90-120° and pres-
sure of 700-800 kg/cm² (for 10-60 minutes). The articles thus ob-
tained have satisfactory electric insulating properties.

Card 2/2

STEJEK, J.; STRUPLOVA, V.

Statistical analysis of blindness in the Opava region as determined by survey. Cesk. oftal. 19 no.5:338-342 S '63.

1. Očni oddeleni OUNZ v Opave, vedouci MUDr. J. Stefek.
(BLINDNESS) (STATISTICS)

STEJERT, N. ; GINZBURG, Iu

Effect of the fineness of grinding on the properties of cement. Tr. from the Russian. p. 74

(EPIIOANYAG, Budapest, Vol. 7, no. 2, Feb. 1955)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No ⁶~~2~~, Jan. 1944, Uncl

STEJFA, M.

Methylthiouracil in the therapy of cardiac insufficiency. Lek.listy
6 no.5:149-150 1 Mar 51. (CLML 20:6)

1. Author is a professor and M.D.

STEJFA, Milos, Prof. dr.

Electrocardiography in hypertension in younger age group. *Cas.lek.*
cesk. 91 no.45-46:1369-1372 14 Nov 52.

(ELECTROCARDIOGRAPHY, in various diseases,
hypertension)

(HYPERTENSION, physiology,
ECG)

EXCERPTA MEDICA Sec. 6 Vol. 11/4 Apr. 57
ŠTEJFA M.

2296. ŠTEJFA M. and NOVÁK J. I. Vnitřní Klin., Brněnské Univ., Brno. *K
otázce senilního emfysému. The question of senile emphysema
VNITŘ. LÉK. 1956, 2/2 (172-176)

The authors tried to differentiate between simple senile emphysema caused by atrophic changes of the alveolar wall and idiopathic emphysema in consequence of obstruction of the smaller airways as in chronic bronchitis and bronchial asthma. Pulmonary function tests were made on 123 out-patients aged over 60 yr. The authors used the method of registered vital capacity expirium according to Kadlec and Vyskočil and the values of vital capacity in one and 3 seconds (expressed in percentage of the total vital capacity). The method of registered vital capacity expirium succeeded in establishing the presence of emphysema in both groups but failed to differentiate significantly between senile and obstructive emphysema. By evaluating their results the authors conclude that in patients over 60 yr. of age the ventilatory disturbances are mainly caused by the old age and less by additional pulmonary diseases. Adler - Raanana (XV, 6)

5

Country: Czechoslovakia

Academic Degrees: MD

Affiliation: No III Clinic of Internal Medicine (III. vnitřní klinika) in Brno. Head: pro-
fessor Jiri PONDRA, MD.

Source: Journal of Internal Medicine, No 4, Apr 62, pp 301-310

Title: "The Question of the Preinfarction Stage."

Co-authors:

MCCHEE, Jiri, MD. No III Clinic of Internal Medicine, Brno.

DVOŘAN, Edo, MD. " " " " "

CZECHOSLOVAKIA

STEJFA, M., Jr; MOCEK, J; DVORAK, I.

Second Internal Medicine Clinic of the Medical Faculty
of UJEP (II. vnitřní klinika lékařské fakulty UJEP)
Brno (for all)

Prague, Vnitřní Lékarství, No 9, 1964, pp 864-868

"The Syndrome of Aggravating Angina Pectoris."

VOJTOVA, H.; KAMARYT, P.; STEJFA, M.

Contribution to the causes of acute lung inflammations and their diagnosis. Vnitri lek. 11 no.3:226-236 Mr '65

1. Mikrobiologický ústav lékařské fakulty v Brně (prednosta: Dr. I. Jandasek) a I. vnitri klinika v Brně (prednosta: prof. Dr. M. Stejfa).

SKALNIK, Ladislav; STEJFA, Milos; DOSTAL, Jaroslav; POSPISIL, Jaroslav;
ZAK, Jan

Contribution to the problem of the pathogenesis of pulmonary
hypertension in obstructive emphysema. Pt.1. Ser. med. fac.
med. Brunensis 38 no.2/3:115-122 '65.

Contribution to the problem of the pathogenesis of pulmonary
hypertension in obstructive emphysema. Pt.2.

1. I. interni klinika lekarske fakulty University J.E. Purkyne
v Brne (Prednosta prof. dr. Milos Stejfa).

STEJFA, M., prof. MUDr.; DOSTAL, J.; POSPISIL, J.; SKAINIK, L.; ZAK, J.

Bronchial asthma and chronic cor pulmonale. Bratisl. lek. listy
45 no.8:452-459 30 Ap '65

I. I. vnitřní klinika Lékařské fakulty University J.E. Purkyně
v Brně (vedoucí: prof. MUDr. M. Stejfa).

STEJPA, M., jr.; MAYER, P.; MECHACEK, J.; NICOVSKY, J.

Electrocardiograms with deep terminal S wave in the 2d and 3d standard lead. Vnitřní lek. 11 no.12:1145-1151 D ' 65.

1. II. vnitřní klinika lékařské fakulty University J.E. Purkyne v Brně (prednosta - prof. MUDr. Jiri Polcak).

STEFKA, M., jr., (Brno, Hlavkova 9); NOVAK, J.

Clinical diagnosis of a painful coronary syndrome. Cas. Lek. Cesk. 105 no. 3:32-42 14 Ja 1966.

I. II. vnitřní klinika lékařské fakulty University J.E. Purkyně, Brno (prednosta prof. dr. J. Polcák). Submitted February 1966.

STEJIC, Milovan, ing.

Motor tugboats "Dinara" and "Kocovi." Brodarstvo h no. 13:534-539
O-D 61.

STEJIC, Milovan, inz. (Beograd, Karadordeva 49)

River motor tanker "Sisak." Brodarstvo 4 no.15:653-661 Ap-Je
'62.

STEJNY, Jaromir; MAJER, Josef

Properties of polyformaldehyde and its use. Chem prum 12 no.1:53-56
Ja '62.

1. Vyzkumny ustav makromolekularni chemie, Brno.

PEKAREK, J.; STEJSKAL, A.; KVAPILOVA, M.; technicke spoluprace VALKOVA, H.

A new method of preparing pertussis vaccine. Cesk. epidem. mikrob. imun. 10 no.5:314-322 5/61.

1. Ustav ser a ockovacich latek v Praze.
(WHOOPING COUGH immunol) (VACCINES)

JOHANOVSKY, J.; VRANA, M.; STEJSKAL, A.

Characteristics of fever produced by hypersensitivity pyrogen.
Folia microbiol. 7 no.1:12-25 '62.

1. Institute of Sera and Vaccines, Prague 12.
(PYROGENS)

PEKAREK, J.; STEJSKAL, A.

Effect of specific antipertussis serum on sensitizing properties of
Bordetella pertussis. Folia microbiol. 7 no.5:206-311 '62.

1. Institute of Sera and Vaccines, Prague 10.
(IMMUNE SERUMS) (PERTUSSIS VACCINE)

JOHANOVSKY, J.; STEJSKAL, A.; NOVOTNY, J.; SKVARIL, F.; FRANCOVA, Drahomira

Preliminary biochemical characteristics of the effective substance in extracts of hypersensitive cells (hypersensitivity factor) and of pyrogenic substances arising on mixing it with antigen (hypersensitivity pyrogen). Folia microbiol. 7 no.6:331-342 '62.

1. Institute of Sera and Vaccines, Prague 10.
(PYROGENS) (ANAPHYLAXIS)

STEJSKAL, A.; PEKAREK, J.; ZIDLICKY, A.

The significance of amino acids for the growth of *Bordetella pertussis*.
Folia microbiol. 7 no.6:343-352 '62.

1. Institute of Sera and Vaccines, Prague 10, and Research Institute
for Pharmacy and Biochemistry, Prague 3.
(AMINO ACIDS) (BORDETELLA PERTUSSIS)

STEJSKAL, A.

Granting of the Czechoslovak Ore Mining Banner. Rudy 11
no.10:2 of cover 0 '63.

1. Ustredni vybor odborove skupiny.

PEKAREK, J.; STEJSKAL, A.

Evaluation of pertussis by an intracerebral challenge in mice
vaccine. Cesk. epidem. 13 no. 2: 81-87 8 My '64

1. Ustav ser a ockovacich latek, Praha

*

STEJSKAL, Antonin

Zemepis pre sedmy postupny rocnik vseobecne vzdelavachich skol. (Geography for the 7th Grade of the Schools of General Education. 4th ed. illus., maps) Prague, SPN, 1957. 244 p.

Bibliograficky katalog, CSR, Ceske knihy, No. 33. 24. Semt 57. p. 714.

STEJSKAL, Antonin, inz.; LUKASIK, Tomas, inz.

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Treatment of bladder fistula after prostatectomy. *Hozhl. chir.*
35 no.8:498-502 Aug 56.

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(PROSTATECTOMY, compl.

postop. bladder fistula, ther. (Cz))

(BLADDER, fistula

after prostatectomy, ther. (Cz))

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IRON STEEL INST. (R.B.C.)

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Gyogyszeres 9 no.6:110-112 Je '54.

(OINTMENTS

*bases, preserv.)

06612
CZECH/8-53-1-8/20
AUTHORS: Mach, Otakar, Kúchel, Oto and Stejskal, Jaroslav
TITLE: Application of Thermistors in Cryoscopy
PERIODICAL: Chemické listy, 1959, Vol 53, Nr 1, pp 28 - 30
ABSTRACT: Thermistors are being used for a variety of applications, for instance, Kincl F.A. et al (Ref 4) used two thermistors in a bridge connection for determining the molecular weights of very small solution volumes. In designing the here described metering apparatus, the main aim of the authors was that the instrument should be sufficiently sensitive, that the required specimen is small and that the measurement could be effected quickly and simply, to satisfy requirements of series analysis. Since it is extremely difficult to obtain two thermistors with identical characteristics, the authors used a single thermistor which was connected into one arm of a resistance bridge; the resistance changes were compensated by the measuring potentiometer in the other arm. Figure 1 shows the electronic circuit of the instrument; Figure 2 shows a sketch of the vessel containing the thermistor; the calibration curve of the instrument is

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Application of Thermistors in Cryoscopy

graphed in Figure 3. The here described apparatus enables cryoscopic measurement in very small volumes (1 ml.) for series of samples in cases in which the use of a Beckman thermometer would be very time consuming. The measurements can be carried out by a single operator. It is not necessary to watch the time during which the sample solidifies and then determine the solidification point since the plateau of the curve can be satisfactorily detected on an optical electronic indicator. Therefore, the respective temperatures can be conveniently read off the scale of the compensation potentiometer. There are 3 figures and 5 references, of which 4 are Czech and 1 English.

ASSOCIATION: Laboratoř pro endokrinologii a metabolismus, Fakulta všeobecného lékařství, Karlova universita, Praha
(Endocrinology and Metabolism Laboratory, General Medicine Faculty, Charles University, Prague)

SUBMITTED: December 22, 1957

Card 2/2

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19

STEJHAL, J. DEPOSITS OF REFRACTORY RAW MATERIALS IN CZECHOSLOVAKIA. *Z. probl. Geol.*, 39, 129-38, 149-57 (1931).—S. gives an account of deposits of kaolin, refractory clay, shale, magnesite, graphite and quartzite in the 5 provinces. Numerous chemical analyses and complete bibliographies of each material are given.

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	AUTHOR INDEX			MATERIAL INDEX
				A. B. S. A. METALLURGICAL LITERATURE CLASSIFICATION

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
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Actual state of exploitation of Rajec sands, p. 65, SLEVARENSTVI
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7 no.4:195-200 '60. (EEAI 9:9)

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(Czechoslovakia--Compost)

STEJSKAL, Jan; PLESNIK, Jan; HRUSKA, Ladislav; SVOBODA, Jaroslav; NAJMR, Stanislav; PREININGER, Miroslav; HAUNER, Frantisek; BENDA, Josef, inz.; KRAJCOVIC, Vladimir; VLCEK, Kvetoslav; KRBLICH, Jan; CERNY, Ladislav, Dr.; DVORACEK, Miroslav, inz. dr.; CHYTRA, Frantisek, inz.; FOLTYN, Jiri; VYSKOT, Miroslav; STAMBERA, Jaroslav, C.Sc. Doc.Inz.; KOSIL, Vladimir; STUHLIK, Jaroslav, Inz.; NAKLADAL, Jaroslav, Inz.; RICHTER, Lev, MVDr.

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(ESCHERICHIA COLI, infections,
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newborn, caused by E. coli)
(INFANT, NEWBORN, diseases,
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V. Kluska. J. S., Brno, Cernopolni 22a.

(INFECTIOUS MONONUCLEOSIS, manifest.
desquamation (Cz))

(SKIN, in various dis.
desquamation in infect. mononucleosis (Cz))