

KREJCI, F.

Focal presence of "cortical" epileptic potentials in the EEG of children (preschool and school age). Cesk. neurol. 27 no.3: 154-162 My'64

1. Neurologicka katedra UDL v Praze; vedouci: prof. dr. Z. Macek.

CZECHOSLOVAKIA

JOHANOVSKA, K.; FURST, O.; KREJCI, E.; LESNY, I.; PANOS, J.; 2nd Internal Clinic, Fac. of Gen. Med., Charles Univ. (II. Interni Klinika Fak. Vseob. Lek. KU), Prague, Head (Prednosta) Prof Dr F. HERLES; 2nd Internal Clinic, Faculty of Pediatrics, Charles University (II. Interni Klinika Fak. Detskeho Lek. KU), Prague, Head (Prednosta) Prof Dr R. FOLT; Neurological Clinic Medical Faculty of Hygiene, Charles University (Neurologicka Klinika Lek. Fak. Hygienicke KU), Prague, Head (Prednosta) Prof Dr Z. MACEK; Neurological Clinic Fac. of Gen. Medicine, Charles University (Neurologicka Klinika Fak. Vseob. Lek. KU), Prague, Head (Prednosta) Member of Academy K. HEMMER.

"Electroencephalograms in Acquired Cardiopathies."

Prague, Gazeta Lekaru Ceskych, Vol 105, No 47, 25 Nov 66, p 1290

Abstract [Authors' English summary modified]: EEG examinations of 56 patients suffering from acquired cardiac defects were made; 19 patients suffered from ischemic heart disease, 37 from valvular disease. 12 of the first category and 20 of the second had normal EEG tracings. 5 in the 1st and 17 in the 2nd group showed a mild generalized abnormality. 2 patients with ischemic heart dis-

L 09041-67 EWP(c) FDN/WW/JWD

ACC NR: AP6032838 (A,N) SOURCE CODE: CZ/0078/66/000/007/0022/0022

INVENTOR: Krejci, F. (Docent; Engineer; Doctor; Pardubice); Lebr, F. (Engineer; Pardubice); Pantoficek, J. (Professor; Engineer; Candidate of sciences; Pardubice) 47

ORG: none

TITLE: Solid propellant rocket engine. CZ Pat. No. PV 4387-64

SOURCE: Vynalezky, no. 7, 1966, 22

TOPIC TAGS: rocket engine, solid propellant rocket engine, Solid Rocket Propellant System

ABSTRACT: The proposed solid-propellant rocket motor with a layered laminated casing consists of a central cylindrical section and two closing sections. The motor is distinguished by the conical shape of the closing sections and by their attachment to the cylindrical central section of the rocket motor by their larger base; the upper closing section is solid, and a nozzle is located in the lower closing section. [WA No. 88].

SUB CODE: 21/ SUBM DATE: 31Jul64

Card 1/1 nst

L 09042-67 EWP(c)/EWP(v)/EWP(j)/EWP(t)/ETI/EWP(k) IJP(c) FDN/JD/WW/HW/JWD/RM

ACC NR: AP6032837 (N,A) SOURCE CODE: CZ/0078/66/000/007/0022/0022

INVENTOR: Krejci, F. (Docent; Doctor; Engineer; Pardubice); Lebr, F. (Engineer; Pardubice); Pantoficek, J. (Candidate of sciences; Professor; Engineer; Pardubice)

76

ORG: none

TITLE: Rocket engine. CZ Pat. No. PV 5594-64

SOURCE: Vynalezy, no. 7, 1966, 22

TOPIC TAGS: solid rocket, ~~engine, solid rocket~~ combustion chamber, ROCKET ENGINE, SOLID PROPELLANT

ABSTRACT: A solid-propellant or smokeless-powder rocket engine consisting of a layered-glass-reinforced plastic combustion chamber is proposed. It is distinguished by the separation of the laminated-glass combustion chamber from the solid-propellant grain by a metallic foil glued to the surface of the insulation or to the surface of the solid-propellant grain.

[WA No. 88]

SUB CODE: 21/ SUBM DATE: 09Oct64

Card 1/1 nst

L 3016-66 EWA(d)/EWP(v)/EWP(t)/EWP(k)/EWP(h)/EWP(z)/EWP(b)/EWP(l) JD
ACCESSION NR: AP5017202 CZ/0034/65/000/005/0305/0309

29
26
B

AUTHOR: Krejci, Josef (Engineer, Minister of the metallurgical industry and ore mining)

TITLE: Czechoslovakia's metallurgy in the 20th jubilee year since liberation

SOURCE: Hutnicke listy, no. 5, 1965, 305-309

TOPIC TAGS: metal industry, steel industry, industrial production, rolling mill, metallurgic furnace, metallurgic research facility

ABSTRACT: The Czech metallurgical industry has grown substantially in the last 20 years, according to Josef Krejci, Minister of the Metallurgical Industry and Ore Mines. Although 90% of the iron ore used had to be imported from the USSR (Krivoy Rog), the production of raw iron reached 5,716,000 tons in 1964 as compared to 1,675,000 in 1937 (the year of highest prewar production). Since 1945, eight new blast furnaces with an average capacity of 995 m³ and one with a capacity of 1719 m³ have been put into operation.

Card 1/3

L 3046-66

ACCESSION NR: AP5017202

3

The 1964 steel production reached 8,377,000 tons, compared to 2,291,000 tons in 1937. The largest portion, 83%, was melted in open-hearth furnaces, 14.3% in electric furnaces, and 2.7% in Thomas convertors. The corresponding figures for 1937 were 83.8, 6.2, and 10%. Presently there are 74 open-hearth furnaces in operation: 44 of them have a capacity of less than 100 t, 18 between 100 and 200 t, and 12 over 200 t. The largest have a capacity of 400 t. Over 60% of the total volume of steel was melted with oxygen. The share of alloy steels reached 16.8% in 1964. A number of new alloy steels, among them a special steel for the reactor vessel of a Czech atomic power plant, have been developed.

4

Krejci states that there are now in operation 62 hot rolling mills, 54 cold rolling mills, 13 seamless-tube rolling mills, 17 tube welding mills, and 8 roll bending mills, most of which were built after 1945. (There is however, another article written by Krejci and published in Hutnik, v. 15, no. 5, 1965, 209-212 which gives different, more realistic figures: a total of 76 hot and cold rolling mills without tub rolling mills, 24 of which were built after 1945.) This growth of the

14

Card 2/3

L 3046-66

ACCESSION NR: AP5017202

metallurgical industry required a considerable amount of scientific research work. Research is presently concentrated in five state institutes, five independent institutes located at plants, and sixteen plant institutes. Almost 5000 people, including 132 scientists and 2680 graduate engineers and technicians, are working at these institutes. Orig. art. has: 3 tables.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: MM

NR REF SOV: 000

OTHER: 000

ATD Press: 4098-F

beh
Card 3/3

L 13595-66

ACC NR: AP6006073

SOURCE CODE: CZ/0053/65/014/004/0308/0309

AUTHOR: Polacek, I.; Krejci, I.

ORG: Research Institute for Natural Medicinal Substances, Prague (Vyzkumny ustav prirodnich lecliv)

TITLE: Role of the structure and effect of oxytocin analogs in isolated mammary gland of the rat [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 28 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 308-309

TOPIC TAGS: rat, hormone, endocrinology, calcium, gland drug, drug effect, pharmacology

ABSTRACT: The effect of oxytocin on isolated breast or lactating rat was directly dependent on the calcium concentration; the effect of 9 oxytocin analogs was weaker but decreased activity was less than decreased uterotonic effect. Some qualitative differences were found, especially with leucyl-cystein-oxytocin, which had some protracted hormonogenic properties. [JPRS]

SUB CODE: 06 / SUEM DATE: none / OTH REF: 001

Card 1/1 HW

L 13210-66

ACC NR: AP6006098

SOURCE CODE: CZ/0053/65/014/004/0319/0319

AUTHOR: Vavra, I.; Krejci, I.; Kupkova, B.

ORG: Institute for Research on Natural Medicinal Substances, Prague (Vyzkumny ustav prirodnich leclv)

TITLE: Vascular effect of some analogs of vasopressin and oxypressin [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 28 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 319

TOPIC TAGS: hormone, endocrinology, experiment animal, cardiovascular system, vasopressin

ABSTRACT: O-methyltyrosin²oxytocin (TMO), O-methyltyrosin²lysine⁸vasopressin (TMV), O-ethyltyrosin²lysine⁸vasopressin (TEV) and blycylcystein¹O-methyltyrosin²lysine⁸vasopressin (GTMV) had little or no vasopressin activity and antagonized the vasopressor effect more in rats than in cats or rabbits; the effect differed in decerebrated or despinalized animals. Increasing the dose of vasopressin could overcome the inhibitory effect of these 4 analogs. [JPRS]

SUB CODE: 06 / SUBM DATE: none

jrn

Card 1/1

CZECHOSLOVAKIA/Cultivated Plants - Medicinal. Essential Oils.
Toxins.

M-7

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91858

Author : Krejci, Ivan

Inst : -

Title : Native Plants with Laxative Effect.

Orig Pub : Ziva, 1957, 5, No 5, 172-173.

Abstract : On the more widespread medicinal plants in Czechoslovakia
used for the preparation of laxative remedies.

Card 1/1

KREJCI, I.

Choleretic effect of certain carbinols. *Cesk. fysiол.* 8 no.3:212-214
Apr 59.

1. Farmakologické odd. Vyzkumného ústavu léčivých rostlin, Praha.
Predneseno na III. fyziologických dnech v Brně dne 14. 1. 1959.

(ALCOHOLS, eff.

benzyl alcohol deriv., choleretic eff. (Cz))

(PHENOLS, eff.

choleretic (Cz))

(BILE,

choleretic eff. of benzyl alcohol & phenol deriv. (Cz))

KREJCI, I.

On the problem of hypotensive effects of vincamin. Cesk. fysiол.
8 no.5:452-453 S '59

1. Farmakologicke odd. Vyzkumneho ustavu lecivych rostlin, Praha.
(ALKALOIDS, pharmacol.)
(ANTIHYPERTENSIVE AGENTS, pharmacol.)

HAVA, M.; KREJCI, I.; NECINA, J.

Influence of the effect of certain ganglion-blocking agents by
-methyl amide of camphoric acid, Cesk.fysiol. 9 no.3:286-287
My '60.

1. Vyzkumny ustav lecivych rostlin, Praha.
(CAMPHOR rel cpds)
(AUTONOMIC DRUGS pharmacol)

KREJCI, J.

Minimum consistent twist. p. 85.

TEXTIL. (Ministerstvo lehkeho prumyslu) Praha, Czechoslovakia. Vol. 14,
no. 3, March 1959.

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

Uncl.

KREJCI, J.

The new system "Directional Data for Train Formation" on Czechoslovak railroads.
p. 310.

ZELEZNICNI DOPRAVA A ATECHNIKA. (Ministerstvo dopravy)
Praha, Estonia. Vol. 7, No. 10, 1959.

Monthly list of East European Accessions (EEAI), Vol. 9, No. 1., Jan. 1960.

Uncl.

KREJCI, J., inz.

75 years since the foundation of Jihlava water supply station.
Vodni hosp 13 no.1:13 '63.

BECVAR, J., inz.; PUNCOCHAR, Zd., inz.; MOTLOCH, Z., inz.; KREJCI, J.,
inz.; TEINDL, J., prof., dr.

Informations on metallurgy. Hut listy 18 no.2:139-146 F '63.

KREJCI, Jan

Rounding off molds and core boxes. Slevareňství 11 no.1:32-33
Ja '63.

1. Zdarske strojirny a slevarny.

KREJCI, Jan

Use of chipwood boards in making models. Slevarenstvi 11
no.5:204-205 My '63.

1. Zdarske strojirny a slevarny, Zdar nad Sazavou.

EFFLER, R.; JIRANEK, K.; SUCHANEK, J.; KREJCI, J.

Production of surface dried molds from mixtures with bentonite
and dextroner. Slevarenstvi 12 n. 11:481-483 N '64.

1. Liberecke automobilove zavody, Liberec-Ostasov.

KREJCI J. Vnitřní Oddělení Okresní Věřejné Nemocnice ve Vyskove. Virové encefalitidy a jak jsou dány podmínky pro jejich šíření v CSR Virus encephalitis and the conditions for its spread in Czechoslovakia *Lekarske Listy*, Prague 1949, 4/20 (501-505)

A short survey of encephalitis of virus origin observed in various parts of the world. Many of them can spread in Czechoslovakia, because there exist many known vectors and the conditions are quite similar to those in other territories.

Teyschl - Brno (XX, 4,8)

So: *Medical Microbiology and Hygiene*, Section IV, Vol 3, No 1-6

KREJCI JAN, M. D.

Properties of the virus isolated from blood and cerebro-spinal fluid during the epidemic of meningo-encephalitis in Vyskove in 1948. Lek. listy 5:13, 1 June 50. p. 373-381

1. Of the Internal Medicine Department of the State District Hospital in Vyskove (Head-Head-Physician Jan Krejci).

CLML 19, 5, Nov., 1950

KREJCI, J.

KREJCI, J.

Isolation of the virus of human meningoencephalitis from a tick.
Lek. listy 5:14, 15 July 50. p. 106-9

1. Of the Internal Medicine Department of the State District Hospital
in Vyskove (Head-Physician Jan Krejci).

GMML 19, 5, Nov., 1950

KREJCI, Jan, MUDr

Tick borne meningoencephalitis in Vyskov region in 1949. Cas.lek.
cesk. 91 no.12:358-363 21 Mar 52.

1. Z vnitřního oddělení Státní okresní nemocnice ve Vyskově.
Primar MUDr Jan Krejci.
(ENCEPHALITIS, EPIDEMIC, epidemiology,
in Czech., Vyskov region)

KREJCI, Jan, MUDr (Vyskov)

Virus meningoencephalitis in Vyskov, 1950. Lek. listy, Brno 9
no.15-16:358-361 1 Aug. 54.
(MENINGOENCEPHALITIS,
viral, statist. in Czech.)

KREJCI, Jan., MUDr.

New wave of meningoencephalitis and encephalomyelitis in
Vyskov region,
Vnitr. lek., Brno 1 no.2:113-124 Feb 55.

1. Vyskov, Puskinova 1.
(MENINGOENCEPHALITIS, epidemiology
in Czech.)
(ENCEPHALOMYELITIS, epidemiology
in Czech.)

EXCERPTA MEDICA Sec.11 Vol.10/5 Oto-Rhino-Laryngo May57
KREJCI J.

934. KREJČÍ J. and ŠIMEČEK C. Ústav Pathol. Anat. Palackého Univ., Olomouc.

*K otázkám bronchiálních píštělí. The problem of bronchial fistulas ROZHL. TUBERK. 1956, 16/6 (293-297) Illus. 6

Thorough anatomical and histological observations of 169 bronchial trees showed that the sharply bordered round orifices the size of a pin head, which are frequently observed in bronchoscopy between 2 cartilages, are never symptoms of a recent or old perforation of lymphatic nodes. Black anthracotic pigmentation of the mucosa is always connected with underlying scarified lymphatic nodes, showing most frequently tb processes. Pigmentations which are not so conspicuous and rather greyish in colour are not typical for tb. An increased number of longitudinal folds of the mucosa of the main or lobar bronchi is not per se a direct prove of an inflammatory process.

Boehm - Isny (XV, 11)

EXCERPTA MEDICA Sec.8 Vol.11/4 Neuro.-Psychiatry Apr 58

KREJCI, J.

1751. VIRUS MENINGO-ENCEPHALITIS FROM THE VIEWPOINT OF TOPICAL
DIAGNOSIS - Virusové meningoencefalitidy v zrcadle topické diagnostiky -
Krejčí J. - ČAS. LEK. ČES. 1957, 96/8 (225-230)

The author had the occasion to be the first to examine in the years 1948-1951 the until then unknown tick-borne virus meningo-encephalitis. He treated on the whole 112 cases of which one died. The clinical manifestations of these cases are analysed in order to determine with the help of topical diagnosis the places where the noxa prevail. Examinations of infected mice have proved that the lesions are not only in the grey but also in the white matter. Not only the meninges were involved, but also the cerebral cortex, the subcortical grey matter the mesencephalus, the medulla oblongata, the cerebellum and the spinal cord especially in the anterior horns. Most frequent was the meningo-encephalitic form, occasionally in about 5% of cases also the myelitic form. A latent developing muscular atrophy is characteristic of these forms of meningo-encephalitis.

Kluska - Brno (L, 8)

EXCERPTA MEDICA Sec 16 Vol 7/5 Cancer May 59

1719. **Primitive pulmonary adenocarcinoma (pulmonary adenocarcinoma of alveolar type)** Adénocarcinome pulmonaire primitif (adénocarcinome pulmonaire de type alvéolaire). SIMEČEK C., KREJČI J. and SIMEČKOVÁ B. *Poumon* 1958, 17/4 (351-368); Tables 1; Illus. 12

An analysis is made of 11 cases of primary pulmonary adenocarcinoma. Stress is laid on the prolonged clinical latency, on the diagnostic value of the radiological examinations and especially on that of the cytological studies. Attention is drawn to the close relationship between the development of this adenocarcinoma and the existence of previous, mainly cicatricial pulmonary alterations. From the point of view of the histogenesis, it is considered that there exist all forms of transition between alveolar and bronchiolar adenocarcinoma, and that, contrary to the classical opinions, the point of departure is unicentral. The mucus formation is variable, in accordance with the maturity of the tumour. References 91. Gernez-Rieux - Lille

KREJCI, Jan, inz.; BURIANEK, Vladislav

Designing plants for production of welded steel pipes of
small and medium diameters. Hut listy 16 no.10:730-738
0 '61.

1. Hutni projekt, Praha.

KREJCI, Jan

Industrial safety in processing synthetic resins in making patterns. Slevarenství 13 no.1:27-28 Ja 1965.

1. Zdarске strojirny a slevarny, Zdar nad Sazavou.

L 45421-66 T/EWP(t)/ETI IJP(c) GG/JD
ACC NR: AP6026376 (N) SOURCE CODE: GE/0030/66/015/001/0071/0082

21
20
B

AUTHOR: Lukas, P. ; Klesnil, M. ; Krejci, J. ; Rys, P.

ORG: Institute of Metallurgy, Czechoslovak Academy of Sciences, Brno

TITLE: Substructure of persistent slip bands in cyclically deformed copper 27

SOURCE: Physica status solidi, v. 15, no. 1, 1966, 71-82

TOPIC TAGS: deformed copper, polycrystalline copper, dislocation distribution, dislocation density, surface extrusion, slip, slip band

ABSTRACT: The ^{p/}dislocation distribution on the surface layer of cyclically deformed specimens of polycrystalline copper is studied by means of transmission electron microscopy of thin foils, both parallel and nonparallel to the surface. The distribution within the surface layer and near the persistent slip bands is found to differ considerably from that inside the specimens. The persistent slip bands consist of zones of alternately high and low dislocation density. The zones of high density are linked together at a particular depth below the surface. The zones of

L 45421-66

ACC NR: AP6026376

low density are assumed to serve as "channels" in which the motion of dislocations emitted from Frank-Read sources is relatively free. The escape of these dislocations from the free surface results in surface extrusions. Orig. art. has: 10 figures. [Authors' abstract] [KS]

SUB CODE: 20, 11/ SUBM DATE: 22Jan66/ ORIG REF: 002/ OTH REF: 013/

hs

Card 2/2

CZECHOSLOVAKIA

RODAK, L.; KREJCI, J.; Research Institute of Veterinary Medicine,
(Vyskumny Ustav Veterinarneho Lekarstvi), Brno.

"Cytological and Histochemical Investigation of Postembryonic
Development of Bursa Fabricii in Chickens."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 390

Abstract: Experiments were conducted on 48 New Hampshire chickens aged up to 28 days. In 1 day old chickens the follicles of Bursa Fabricii were formed by medullar cells of epithelial origin. In 5-9 day old chickens characteristic changes in the follicular medulla occurred. The medullary cells were transformed into cells of the lymphatic series. The weight of the Bursa in 28 day old chickens was 30 times that of 1 day old, while the total body weight increased only 5 times. No references. Submitted at 3 Days of Physiology of Domestic Animals at Liblice, 10 Dec 65.

1/1

- 92 -

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826320018

CZECHOSLOVAKIA

ČERNÝ, Ludvík, Prof. MVDr; MATIAS, Stanek, doc. MVDr, CSc; KREJCI, Jaroslav, MVDr

Brno (for all)

Brno, Veterinarstvi, No 12, December 1966, pp 533-535

"Prospective goals in microbiology for hygiene of foodstuffs."

SPICKA, J.; KRALOVA, B.; technicka spoluprace: FISER, C., PhMr.; KREJCI, J.

Experiences in the determination of transaminases in myocardial
infarct. Cas.lek.cesk.102 no.50:1361-1367 13 D'63.

1. Interni oddeleni nemocnice v Boskovicich, OUNZ Elansko;
vedouci MUDr. J.Spicka.

*

KREJCI, Jan, prof. dr.

The seventy-fifth birthday of Professor Frantisek Vitasek.
Sbor zem 70 no.1:1-2 '65.

1. Faculty of Natural Sciences of the J.E.Purkyne University,
Brno, Kotlarska 2.

KREJCI, Jan

Cemented carbide tools in modeling. Slevarenství 11 no.11:
481-485 N°63.

1. Zdarske strojirny a slevarny, Zdar nad Sazavou.

AKEUCI,

Varoslav

CI-

Distr: $4E2c(j)/4E2c$

27

The chemistry of selenium trioxide. Karel Dostál and Jaroslav Krejčí (Masaryk Univ., Brno, Czech.). *Z. anorg. u. allgem. Chem.* 296, 29-35(1958).— C_2H_5N and SeO_3 in CCl_4 at -20° form white, hygroscopic, cryst. $C_2H_5N_2SeO_3$ (I), m. 153° (decomp.), which in cold H_2O gives C_2H_5N and H_2SeO_4 . I and NH_3 gas give $(NH_4)_2SeO_4$, $(NH_4)_2SeO_3$, Se , and Se_2N_4 . With liquid NH_3 at -70° I ppts. $(NH_4)_2SeO_3$ and a little $(NH_4)_2SeO_4$; the filtrate gives 60-6% yields of cryst. $NH_4SeO_4 \cdot NH_3$ (II), also prepd. from K_2SeO_4 and liquid NH_3 . II slowly hydrolyzes in moist air, decomp. on slow heating to 100° , and explodes on direct heating to 120° . II can be recrystd. from MeOH; its reactions are characteristic of the NH_4 group. It hydrolyzes more readily than $NH_4SO_4 \cdot NH_3$. The powder patterns of I and II are given. Richard H. Isquith.

7

5
2-may
2

KREJCI, Jaroslav

Pattern equipment for chemically hardened mixtures. p. 291.

SLEVARENSTVI. (Ministerstvo tezkého strojírenství a Československá vědecká
technická společnost pro hnutí a slevarenství) Praha, Czechoslovakia.
Vol. 7, no. 7, June, 1959

Monthly list of East European Accessions (EEAI) LC Vol. 8, No. 12,
Dec., 1959 Uncl.

KREJCI, JAROSLAV

Mikroskopie potravin a surovin zivocisneho puvodu. (Vyd. 1.) Praha, Statni pedagogicke nakl., 1953. 84 p. (Ucebni texty vysokych skol) (Microscopy of food and of raw materials of animal orgin; a university textbook. 1st ed) DA Not in DLC

SO: Monthly Index of East European Acessions (EFAI) Vol. 6, No. 11 November 1957

Article 15.

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their Applications. Food Industry. H

Abs Jour: Ref Zhur-Khimiya, 1959, No 4, 13508.

Author : Krejci, Jaroslav.

Inst : Not given.

Title : Testing Milk for Brucellosis Infection.

Orig Pub: Veterinarstvi, 1958, 8, No 7, 260-262.

Abstract: Review. Bib. 7 titles.

Card 1/1

124

BURIAN, J., Doc., MUDr.; KAMENICEK, O., MUDr.; KREJCI, Jaroslav, MUDr.

Muscular hyperplasia of the pyloric antrum (hypertrophic pyloric stenosis of adults). Cesk. roentg. 10 no.3:97-103 Aug 56.

1. Z chirurgicke kliniky PU v Olomouci - Predn. prof. Dr. Vl. Rapant
Z centralnigo rtg ustavu KUNZ v Olomouci - Predn.doc. Dr. I. Stratil
Z pathologickoanatomickeho ustavu PU v Olomouci - Prednosta doc.
C. Dvoracek.

(PYLORUS, stenosis
hypertrophic)

PAVLICEK, Zdenek; KREJCI, Jaroslav

Diastatic perforation of the colon. Rozhl. chir. 40 no.8:569-574
Ag '61.

1. Chirurg. oddeleni OUNZ Prostejov, prednosta dr. M.J. Hel Patologicko-
anatomicke oddeleni, prednosta dr. Jar. Krejci.

(COLON dis)

KREJCI, JIRI

CZECHOSLOVAKIA/Organic Chemistry - Synthetic Organic Chemistry. G-2

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 14429.

Author : Dobras Jaroslav, Marhan Jiri, Krejci Jiri, Pirkl Jaromir

Inst :

Title : Arylation by Means of Diazonium Salts. II. Study of the Effects of Catalysts, Temperature and Structure of Diazonium Salt on the Course of Its Interaction with 4-Sulfocinnamic Acid.

Orig Pub: Chem. listy, 1957, 51, No 3, 463-469; Sb. chekhosl. khim. rabot, 1957, 22, No 5, 1473-1481.

Abstract: On interaction of $p\text{-NO}_2\text{C}_6\text{H}_4\text{N}_2\text{Cl(I)}$ with 4-sulfocinnamic acid (II), in aqueous medium, there is formed the 4-nitrostilbene-4'-sulfonate of sodium (crystals from water) which on reduction with Fe in a neutral medium gives 4-aminostilbene-4'-sulfonic acid (crystals from aqueous $\text{C}_5\text{H}_5\text{N}$). Analogously from inner salt of 2-sulfo-4-nitrophenyl diazonium

Card : 1/4

CZECHOSLOVAKIA/Organic Chemistry - Synthetic Organic Chemistry. G-2

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 14429.

(III) and II, there is formed 4-nitrostilbene-2,4'-disulfonic acid which was reduced, without isolation, in the reaction mixture with Fe to 4-aminostilbene-2,4'-disulfonic acid. From the latter, after diazotation and coupling with beta-naphthol, was prepared the tetrahydrate of the disodium salt of stilbene-4-azo- β -naphthol-2,4'-disulfonic acid. In addition to the normal products of arylation there are formed on interaction of I or III with II unidentified products of further conversions which have been detected by paper chromatography. A study was made of the effects of temperature, catalysts and substituents in the molecule of the diazonium salt, on the course of its reaction with II. The experiments were carried out in aqueous medium, in the presence of excess CH_3COONa , in sealed apparatus. Yields of individual reactions were evaluated on the basis of the

Card : 2/4

CZECHOSLOVAKIA/Organic Chemistry - Synthetic Organic Chemistry. G-2

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 14429.

amount of liberated CO_2 . Experiments were conducted with I, $\text{C}_6\text{H}_5\text{N}_2\text{Cl}$ and hydrochloric diazonium salts prepared from ortho-, meta- and para-isomers of chloraniline, oxalylamino-aniline, aniline sulfonic acid, anisidine, toluidine, nitraniline and aminobenzoic acid. It was found that III is more active than I. Effect of elevated temperature is apparent only in the case of diazonium salts of low reactivity. Among the catalysts that were used (CuO , CuCl_2 and Cu_2Cl_2) the best was found to be CuCl_2 . Yields of the products of reaction of II with p-substituted hydrochloric diazonium salts are the highest and those with the m-derivatives are the lowest. A beneficial effect on the formation of stilbene derivatives, in the case of p-substituted hydrochloric diazonium salts, is produced by electropositive as well as by some electronegative substituents. NO_2^- and the COOH^-

Card : 3/4

CZECHOSLOVAKIA/Organic Chemistry - Synthetic Organic Chemistry. G-2

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 14429.

group in the para position of the diazonium salt produce a detrimental effect. Previous communication see Chem. listy, 1952, 46, 277.

Card : 4/4

KREJCI, Karel

Scientific conference on the works of Maria Dabrowska in Poland.
Vestnik CSAV 71 no.5:593-595 '62.

1. Glen korespondent Ceskoslovenske akademie ved.

KREJCI, L.

PHASE I BOOK EXPLOITATION

JUN 25 2/3284

42

Jerie, Jan, ed., Engineer, Doctor, Corresponding Member of the Czechoslovak Academy of Sciences

Základní problémy ve stavbě spalovacích turbin (Basic Problems in the Construction of Gas Turbines [collection of articles]). Prague, Nakl. ČAV, 1962. 627 p. 1600 copies printed.

Sponsoring Agency: Československá akademie věd.

Ed. of Publishing House: Marie Moravcová; Tech. Ed.: František Končícky.

PURPOSE: The book is intended to familiarize turbine designers with recent developments in the design of gas turbines and to present some research results which may be helpful in designing more efficient turbines.

COVERAGE: The book comprises articles by leading Czechoslovak turbine experts on thermodynamic cycles, flow research in turbine components,

Card 1/8

Basic Problems in the Construction (Cont.)	z/6284
L. Michalíčka (State Research Institute for Heat Engineering, Prague). The Use of Gas Turbines in Industrial Processes	77
J. Jerie (State Research Institute for Heat Engineering, Prague). Combustion Turbines of Highest Efficiency	95
V. Kmoníček (Institute for Machine Research, Czechoslovak Academy of Sciences, Prague). Some Heat Recovery Problems in Gas Turbine Cycles	119
L. Krejčí (Institute for Machine Research, Czechoslovak Academy of Sciences, Prague). Problems Related to a Temperature Increase in Gas Turbines	141
Z. Bayer (Institute for Machine Research, Czechoslovak Academy of Sciences, Prague). The Effects of Interstage Cooling, Reheating, and Precooling in Gas Turbine Cycles	161

Card 3/8

KAREL,I.; KREJCI,L.; KRAUS.H.

Our experiences with the choice of anesthesia in eye surgery.
Cesk. oftal. 20 no.1:44-51 Ja'64.

1. II. očni klinika fakulty vseobecneho lekarstvi KU v Praze;
prednosta: akademik J.Kurz.

*

KREJCI, L.; OBENBERGER, J.; KLOUCEK, F.; LEHKY, B.; JANSKA, J.

Experiences with the new neutralization substance DETA in acid burns of the eye. I. Experimental part. *Cesk. oftal.* 20 no.4:314-320 J1'64.

1. II. oční klinika fakulty všeobecného lékařství KU [Karlovy university] v Praze (prednosta: akademik J.Kurz); Laborator fyziologie a patofyziologie zrakoveho analyzatoru CSAV [Ceskoslovenske akademie ved] v Praze, (vedouci: akademik J.Kurz) a Zavodni zdravotnicke stredisko Spolku pro chemickou a hutni vyrobu, n.p. v Usti n.L., (vedouci lekar: MUDr. B.Lehky).

KREJCI, L.; SIROKY, A.; KREJCOVA, H.; NOVAK, A.

Cochleovestibular findings in primary glaucoma. Cesk. oftal. 20
no. 4: 268-279 JI'64

1. II. oční klinika (prednosta akad. J. Kurz), neurologická klinika (prednosta: akad. K. Henner) a foniatrická laborator (vedoucí: prof. dr. M. Seeman, DrSc.) fakulty všeob. lékařství KU [Karlovy university] v Praze.

KREJCI L.

New aspects of antibiotic therapy of acute intraocular inflammations. Cesk. oftal. 21 no.2:138-140 Mr '65.

I. II. oční klinika fakulty všeobecného lékařství Karlovy University v Praze, (prednosta: akademik J. Kurz).

KREJCI, L.

Onset of an acute glaucomatous attack following a gynecological operation with the use of novopon-atropine premedication. Cesk. oftal. 21 no.5:424-427 S '65.

1. II. oční klinika fakulty všeobecného lékařství Karlovy University v Praze (prednosta akademik J. Kurz).

KARL, I.; HODER, J.; KRAUS, H.; KREJCI, L.; KRUSINA, L.

Tonometry during general anesthesia with endotracheal intubation. Cas. lek. cesk. 104 no.25:676-682 25 Je 55.

1. II. ocni klinika fakulty vseobecneho lekarstvi Karlovy University v Praze (prednosta: akademik J. Kurz) a Oddeleni pro anestezii Krajskeho ustavu narodniho zdravi, Stredooceskeho kraje (vedouci: MUDr. J. Hoder).

KREJCI, I.; VYMAZAL, J.; KREJCOVA, H.; POLACEK, L.

Cerebrospinal fluid findings in patients with retrobulbar neuritis with special regard to the gamma globulin level. Cas. lek. cesk. 104 no.27/28:762-766 9 Ji '65.

I. II. oční klinika fakulty všeobecného lékařství Karlovy University v Praze (prednosta akademik J. Kura), Neurologická klinika fakulty všeobecného lékařství Karlovy University v Praze (prednosta akademik K. Henner) a Neurologické oddělení Obvodního ústavu národního zdraví v Praze I (vedoucí MUDr. L. Polacek).

KAREL, Ivan; KREJCI, Lubomir

Our experiences in the treatment of sympathetic ophthalmia. Cesk. ofth.
14 no.6:468-472 Dec 58.

1. II očni kliniki KU v Praze, prednosta akademik Jaromir Kurz,
(OPHTHALMIA, SYMPATHETIC, case reports
ther. aspects (Cz))

KAREL, Ivan; KREJCI, Lubomir

Safety measures in complicated surgical procedures by the lens by means of potentiated anesthesia. Cesk. ofth. 16 no.2:103-110 Mr '60

1. II. očni klinika KU, přednosta akademik Jaromir Kurz.
(CATARACT EXTRACTION anesth. & analg.)

KREJCI, Lubomir

Unusual case of nodose hyperplasia of the anterior layer of
the iris. Cesk.ofth.17 no.1:19-23 Ja '61.

1. II. očni klinika KU v Praze, prednosta akademik J.Kurz.
(IRIS pathol)

KREJCI, Lubomir

Use of hyaluronidase in the treatment of herpes corneae. Cesk.
ofth. 17 no.2:148-152 Mr '61.

1. II. oční klinika KU v Praze, přednosta akademik J.Kurz.
(HYALURONIDASE ther)
(HERPES ther)
(CORNEA dis)

KREJCI, Lubomir; KRAUS, Hanus

Our clinical experiences with the miotic syntostigmin of Czechoslovakian origin. Cesk. ofth. 17 no.6:468-472 S '61.

1. II očni klinika KU, prednosta akademik J. Kurz.

(MIOTICS ther) (GLAUCCMA ther)

KREJCL, Lubomir

Urea in the treatment of a glaucoma attack. Cesk. oftal. 18 no.1:
47-53 Ja '62.

1. II. očni klinika Karlovy university v Praze, prednosta akademik
J. Kurz. (GLAUCOMA therapy) (UREA therapy)

OTRADOVEC, Jiri; KREJCI, Lubomir; KRAUS, Jaroslav

Ocular motility changes in patients with early cerebral palsy.
Gesk. oftal. 18 no.3:217-222 My '62.

1. II očni klinika všeobecného lékařství KÚ v Praze, přednosta
akademik Jaromír Kurz Jedlický ústav pro tělesně vadné děti v
Praze.

(CEREBRAL PALSY compl)

(EYE dis)

KREJCI, L.; KREJCOVA, H.

Electroencephalographic changes in patients with glaucoma. *Cesk. oftal.* 18 no.5:383-391 S '62.

1. II očni klinika fak. vseob. lek. University Karlovy v Praze, predn. akademik J. Kurz Neurologické oddeleni nemocnice Na Frantisku, prednosta dr. L. Polacek.

(GLAUCOMA)

(ELECTROENCEPHALOGRAPHY)

KREJCI, L.; POLACEK, L.; KREJCOVA, H.

Electroencephalographic findings in glaucoma patients in relation to intraocular pressure and visual field changes. Cesk. oftal. 18 no.6:453-462 N '62.

1. II. oční klinika fak. všeob. lékařství University Karlovy v Praze, přednosta akademik J. Kurz — Neurologické oddělení OUNZ v Praze 1, přednosta MUDr. L. Polacek.

(GLAUCOMA) (ELECTROENCEPHALOGRAPHY)
(VISUAL FIELDS)

KREJCI, L.; POLACEK, L.; KREJCOVA, H.

Effect of pathological fluctuations of intraocular pressure
on electroencephalographic findings in patients with glaucoma.
Cesk. oftal. 19 no.3:171-178 My '63.

I. II oční klinika fakulty všeobecného lékařství KU v Praze,
prednosta akademik J. Kurz Nervové oddelení OUMZ v Praze 1,
vedoucí MUDr. L. Polacek.

(INTRACULAR PRESSURE) (ELECTROENCEPHALOGRAPHY)
(GLAUCOMA)

KREJCI, L.

Scintillatio albescens - asteroid hyaloid bodies. Cesk. oftal.
19 no.4:262-266 JI '63.

1. II oční klinika fakulty všeobecného lékařství KU v Praze,
prednosta akademik J. Kurz.

(VITREOUS BODY) (GLAUCOMA) (DIABETES MELLITUS)
(RETINAL DETACHMENT) (MACULA LUTEA)
(CHORIORETINITIS)

KREJCI, L.; POLACEK, L.; KRFJCOVA, H.

Electroencephalographic findings in primary glaucoma in children and adolescents. I. EEG findings in patients with infantile glaucoma. Cesk. oftal. 21 no.1:9-17 Ja '65

Electroencephalographic findings in primary glaucoma in children and adolescents. II. EEG findings in patients with juvenile glaucoma. Ibid. 18-23

1. II. oční klinika fakulty všeobecného lékařství Karlovy University v Praze (prednosta: akademik J. Kurz); Nervová oddělení Obvodního ústavu národního zdraví v Praze 1 (vedoucí: MUDr. L. Polacek); a Nervová klinika fakulty všeobecného lékařství Karlovy University v Praze (prednosta: akademik K. Henner).

KREJCI, L.; KREJCOVA, H.; TICHY, J.

Optokinetic nystagmus in patients with primary glaucoma.
Cesk. oftal. 21 no.4:324-333 J1 '65.

1. II očni klinika (prednosta akademik J. Kurz) a neurologická
klinika (prednosta akademik K. Henner) fakulty všeobecného le-
karství Karlovy University v Praze.

26.2/20

31903
Z/041/61/000/006/001/002
E016/E935

AUTHOR: Krejčí, Luděk, Engineer

TITLE: A method for direct computation of the equilibrium running conditions of a two-shaft gas turbine unit

PERIODICAL: Strojnícky časopis, no.6, 1961, 340-347

TEXT: In the introductory part of the paper, information regarding the running characteristics, which must be available at the outset of a new design of a gas turbine unit, is listed. It also gives the conditions to be fulfilled for its safe running. The method for direct computation of the equilibrium running conditions, advocated by the author, is basically a reverse process of that normally used. The cycle chosen to illustrate the suggested method is a two-shaft gas turbine unit with a heat exchanger, having the normal arrangement, i.e. the high pressure turbine driving the compressor with the low pressure turbine providing the net output. Before describing the new method itself and discussing its advantages, the author sets out the problems involved in such a calculation. The working line is normally obtained from the calculation of equilibrium running
Card 1/5

X

31903

Z/041/61/000/006/001/002

E016/E935

A method for direct ...

which is determined by a number of requirements: continuity of mass flow, equality of turbine and compressor pressure ratios, matching of compressor power and load requirements by the corresponding turbine outputs, matching of rotational speeds. These conditions themselves depend on the cycle chosen, type of load, etc. The performance of a gas turbine unit is given by a number of variables, interrelation of which is determined by the characteristics of turbines, compressor, combustion chamber, heat exchanger and connecting duct work. The usual calculation of the equilibrium running makes use of one of the iterative methods. The process begins by choosing a working point on the compressor characteristic and by successive approximations all the above conditions of equilibrium running are satisfied. This process is inevitably long and tedious. Simplification could be achieved by reversing the process, i.e. for given equilibrium running conditions the corresponding working points of turbines and compressor can be found. Expressions of compressor power requirement, the h.p. turbine power output as well as other relations determining the continuity of mass flow through the unit and matching of pressure ratios are then given. The author introduces two

Card 2/5

X

Method for direct

31903
2/041/61/370/005/011/002
E016/0035

complex functions, both in terms of the h.p. turbine expansion ratio, which form an important link in his method. If you go up the procedure even further these two functions should be available in a graphical form. With the help of the complex functions and having the compressor and turbine characteristics it is possible to make a quick and direct evaluation of the equilibrium running conditions by the following procedure: a) pressure ratio of h.p. turbine is chosen; b) corresponding mass flow function is obtained from the turbine characteristic; c) use is now made of one of the above-mentioned complex functions to obtain the mass flow function of the output turbine; d) knowing the output turbine mass flow function, the corresponding pressure ratio of this turbine can be found from its characteristic; e) the compressor ratio and the compressor work can now be calculated, assuming a certain efficiency; f) the value of the second complex function for the chosen expansion ratio of h.p. turbine is obtained from the appropriate graph; g) the equation of the second complex function will yield the necessary information to locate the equilibrium running point on the compressor characteristic. If the compressor efficiency

Card 3/5

X

A method for direct ...

31903

Z/041/61/000/005/001/0 2
E016/E935

found on the compressor characteristic is not the same as that assumed earlier, a different value is assumed and the process repeated. The method advocated in the paper has been used for design calculations as well as for the analysis of characteristics of the built unit. Some of the results and their detailed analysis can be found in a separate paper. The method is part-graphical, part-numerical. However, if the graphs, giving the two complex functions, are available, the number of calculating steps is appreciably reduced. It is claimed that by using this direct method, time required for calculation is cut down to one tenth of that required when using established methods, whilst maintaining the same accuracy of results. There are 4 figures, 1 table and 8 references: 2 Soviet-bloc and 6 non-Soviet-bloc. The four latest English-language references read as follows: Ref.1: Cox, H. R., Gas turbine principles and practice, George Newnes, London 1955; Ref.3: Morley, A.W., Equilibrium running of the simple jet turbine engine, J.R.Ae.Soc., 1948, 52,449; Ref.5: Cohen, H., Rogers, C.F.C., Gas turbine theory, Longmans Green and Co., London 1954; Ref.7: Hodge J., Cycles and performance estimation, Card 4/5

X

A method for direct ...

31903
Z/041/61/000/006/001/002
E016/E935

Butterworths scientific publications, London 1955.

ASSOCIATION: Ústav pro výzkum strojů Československé akademie věd,
Praha
(Institute for Machinery Research, Czechoslovak
Academy of Sciences, Prague)

SUBMITTED: April 18, 1961

Card 5/5

X

KREJCI, L.^{Wick}, Inz.

A device for measurement of rotor swinging in
a set of machines. Automatizace 5 no.6:172-
Je '62.

BUNATA, Oldrich, inz.; KREJCI, Ludak, inz., CSc.

Discussion of blade production. Zpravodaj VZLU no.1:48 '63.

L 00110-66 EWT(1)/EWP(m)/EPP(c)/ETC/EPF(n)-2/ENG(m)/EJA(d)/EWP(j)/FCS(k)/
ETC(m)/EWA(1) RPL JD/WJ/JW/RM

ACCESSION NR: AP5013186 ⁴⁴ _{9b}

CZ/0041/65/000/002/0191/0198

711
6/6

AUTHOR: Krejci, Ludek (Kreychi, L. (Engineer, Candidate of sciences))

TITLE: Heat exchange between a flow of dissociated gas and a wall

SOURCE: Strojnický časopis, no. 2, 1965, 191-198 ^{21.44.65} _{7.65}

TOPIC TAGS: convective heat transfer, gas flow, radiative heat transfer, enthalpy, supersonic flow ^{1,44,65}

ABSTRACT: The study reviews the possibility of a theoretical solution for convective heat exchange between a subsonic gas flow and a wall in the case where the gas is in a state of thermodynamic equilibrium. The mechanism of the phenomenon and the calculation are described. In a practical application, the initial relationships require the knowledge of the dependence of the Stanton number on the ratio of flow core enthalpy to gas enthalpy at the wall. This relation can be determined experimentally, but in this case the radiation component of the total heat flow must be separated. The role of convection, recombination, and radiation in the total energy transfer is illustrated with the example of heat exchange during the flow of air in a cooled tube. In the 4000-

1/2

Card

L 00110-66
ACCESSION NR: AP5013186

8000K range considered, the values of air radiation intensity published by various authors differ considerably, and for this reason it is recommended that attention be focussed first of all on the study of the effect of radiation. Orig. art. has: 7 figures and 9 formulas. 3

ASSOCIATION: Ustav termomechaniky CSAV (Institute of Thermomechanics, CSAV) 44.56

SUBMITTED: 05Oct64

ENCL: 00

SUB CODE: TD, ME

NO REF SOV: 009

OTHER: 003

dg
Card 2/2

L 00107-66 EWT(1)/EPF(c)/ETC/EPF(n)-2/EWG(m) WW
ACCESSION NR: AP5013187 CZ/0041/65/000/002/0198/0205

AUTHOR: Dvorak, Rudolf (Dvorzhak, R.) (Engineer, Candidate of sciences); ^{44.55} Krcal, Ludek (Kraychi, L.) (Engineer, Candidate of sciences)

TITLE: Experimental methods in the study of heat transfer at high temperatures

SOURCE: Strojnicky casopis, no. 2, 1965, 198-205 ^{21.44.55}

TOPIC TAGS: aerodynamic heat transfer, gas flow, subsonic flow <sup>43
40
B</sup>

ABSTRACT: A discussion of heat transfer from a dissociated subsonic gas to a wall is given. The requirements, such as the test section and instruments, which the heat source and the experimental assembly itself must meet are described. The most advantageous heat source is a plasmatron; the flow of gas emerging from the plasmatron is free of pulsations, and contamination of this flow with metal vapors from the electrodes is acceptable. In a high-temperature assembly including a plasmatron, the duration of the experiment is limited primarily by the service life of the sensing elements of the measuring instruments. The parameters of the flow can be determined by contactless methods; only the calorimetric probes which measure the enthalpy of the stream and the heat flow to the wall are subjected to the direct action of the flow. An analysis of the temperature distribution

Card 1/2

I. 00107-66

ACCESSION NR: AP5013187

with time in the calorimetric probe is presented which permits a correct selection of the probe material for any given experiment. Orig. art. has: 6 figures. 69

ASSOCIATION: Ustav termomechaniky CSAV, Prague (Institute of Thermomechanics, CSAV) 19.5

SUBMITTED: 05Oct64

ENCL: 00

SUB CODE: TD, ME

NO REF SOV: 001

OTHER: 003

JW

Card

2/2

DYORAK, Rudolf, inz. CSc.; KREJCI, Ludek, inz. CSc.

Experimental methods of the study of heat transmission at high temperatures. Stroj cas 16 no.2:198-205 '65.

1. Institute of Thermomechanics of the Czechoslovak Academy of Sciences, Prague. Submitted October 5, 1964.

KREJCI, M., inz., C.Sc.; CUTA, Frantisek, prof., inz., dr.; JELINEK,
Jaroslav, inz., dr.

Report on the transactions of the Central Committee of the
Czechoslovak Chemical Society at its meeting of July 2, 1962.
Chem listy 57 no.1:104-106 Ja '63.

RUSEK, M.; KREJCI, M.

Chromatographic determination of carbon monoxide trace concentrations.
Paliva 43 no.4:106-108 Ap '63.

1. Laborator pro analyzu plynu, Ceskoslovenska akademie ved, Brno.

KREJCI, M.

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their H.
Application - Synthetic Fibers.

- Ats Jour : Ref Zhur - Khimiya, No 9, 1958, 31001
- Author : Blaha, K. and Krejci, M.
Inst : -
Title : The Application of Factorial Design Methods to the
Quality Control of Processes Which are Not Amenable to
Direct Measurement.
- Orig Pub : Chem Prumysl, 7, No 8, 460-463, 1957, (in Czech with sum-
maries in German, English, French, and Russian)
- Abstract : The direct application of standard quality control tech-
niques to the individual steps of complex processes is
not feasible. The authors therefore propose the utili-
zation of factorial design procedures in the control of
such processes. Using the production of polyamide fibers
as an example, the authors have shown that the method
proposed by them requires no lengthy procedures and but
a small number of measurements.

Card 1/1

47

Krejci, Milos

CZECHOSLOVAKIA./Analytical Chemistry. General Topics.

E

Abs Jour: Ref Zhur-Khimi., No 9, 1959, 30952.

Author : Janak, Jaroslav, Krejci, Milos, Lubscky, Hanniel E.

Inst :

Title : Application of Zeolites in Gas Chromatography. I.
Disassociation and Analysis of an Hydrogen, Oxygen,
Nitrogen, Carbon Monoxide and Methane Mixture.

Orig Pub: Chem. listy, 1958, 52, No. 6, 1099-1107.

Abstract: This article describes the disassociation of H_2 , O_2 ,
 H_2 , CO and CH_4 by the method of gas adsorption
chromatography with the application of artificial
Ca aluminosilicate (Ca zeolite). On the basis of
the results of differential thermic, x-ray, chemical
and sorption analysis of the above-mentioned adsorbent

Card : 1/2

CZECHOSLOVAKIA/Analytical Chemistry. General Topics.

E

Abs Jour: Ref Zhur-Ihin., No 9, 1959, 30952.

the prospects of using it in the analyses of gases were discussed. It was established that when constant temperature in the column, identical volume of the samples and uniform rate of gas passage through the given column are maintained, the most precise method of determining the fractions is the measurement of the heights of the maximum on the elution curve. -- Karel Setinek.

Card : 2/2

75

Use of zeolites in gas chromatography. I. Separation and analysis of mixtures of hydrogen, oxygen, nitrogen, carbon monoxide, and methane. J. Janak, M. Krejčí, and H. B. Dubský. *Collection Czechoslov. Chem. Commun.* 24: 1080-84 (1959).—See C.A. 52, 16331k; M. Hudlický

Jus

1/1

Jus

KREJCI, M.

"Selsyns, the elements for automation" by E.Charvat and B.
Pospisil. Reviewed by M.Krejci. Jaderna energie 6 no.10:
360 0 '60.

KREJCI, M.; TESARIK, K.

Use of zeolite in gas chromatography. III. Separation and determination of helium, neon, and hydrogen at normal temperature. Coll Cz chem 25 no.3:691-694 Mr '60. (EEAI 9:12)

1. Laboratorium für Gasanalyse, Tschechoslowakische Akademie der Wissenschaften, Brno.
(Zeolites) (Chromatography) (Helium)
(Neon) (Hydrogen)

KREJCI, Milos; HRMAN, Josef; KOMARKA, Frantisek; PAVLICKA, Vera

Polyesterification of polyethylene terephthalate. Pt. 1. Chem
prum 14 no.7:370-372 JI '64.

1. Stion National Enterprise, Research and Development Department
Plana nad Luznici.

NOVOTNÁ, T. B.; KREJCI, M.; DUBSKÝ, H.; JANÁK, J.

Determination of thermal stability of chemically modified
layers on adsorbent and carrier surface in gas chromatography.
Chem. Či. Chem. 29 no.11:2753-2757 N '64.

1. Laboratoriya dlya analiza gazov, Chekhoslovatskaya Akademiya
nauk, Brno.

L 46950-65 EWT(d)/EWP(k)/EWP(z)/EWA(c)/EWP(b)/EWA(d)/EWP(w)/EWP(t) EM/JD/HW/

ACCESSION NR: AP5005407 ^{MJW} Z/0065/65/000/001/0052/0059

AUTHOR: Hrazdil, F. (Khrzadil, F.); Krejci, M. (Kreychi, M.)

31
30
B

TITLE: Effect of loading conditions on the rate of propagation of elastic deformation in steel

SOURCE: Kovove materialy, no. 1, 1965, 52-59

TOPIC TAGS: elastic deformation, steel, steel deformation, loading condition, modulus of elasticity

ABSTRACT: This is a continuation of an earlier study in which the rate of propagation and the modulus of elasticity were measured in three materials: type CSN 12 010 steel, type CSN 19 824 steel, and type CSN 42 305 copper. The present article describes investigations of the effect of various impact velocities and of the applied energy on the measured velocity of propagation of the disturbance. The measurement result does not show any effect of the incident impulse magnitude and of its incident velocity on the change in the rate of propagation of an elastic deformation in a bar of type CSN 12 020 steel. The result shows that in CSN 12 020 steel at a room temperature of 18°C, and in the impact velocity range 4.5 to 8,200 m.s.⁻¹, and within the energy input range of 0.12 to

Card 1/2

L 46950-65

ACCESSION NR: AP5005407

130 km, the rate of propagation of elastic deformation is constant and equal to 5,336 m.s.⁻¹. The corresponding modulus of elasticity is $2.27 \cdot 10^6$ kp.cm⁻². Capacitance pick-ups with frequency signal modulation were used to make contactless measurements. Orig. art. has: 1 figure, 3 tables, and 9 formulas.

ASSOCIATION: Smeralovy zavody, Brno (Smeralovy Works)

SUBMITTED: 27Apr64

ENCL: 00

SUB CODE: MM

NO REF SOV: 001

OTHER: 005

Card 2/2 *ms*

L 31202-66 T

ACC NR: AP6022557

SOURCE CODE: CZ/0008/66/000/001/0093/0094

AUTHOR: Krejci, Milos; Janicek, Milos

ORG: Laboratory for Gas Analysis, CSAV, Brno (Laborator pro analysu plynu CSAV)

TITLE: Apparatus for the measurements of surfaces by thermal desorption method

SOURCE: Chemicke listy, no. 1, 1966, 93-94

TOPIC TAGS: adsorption, nitrogen, chemical laboratory apparatus

ABSTRACT: The authors describe an apparatus which they designed and offer instructions for its production. It is based on the principle of measuring the amount of nitrogen adsorbed on the surface of an object of an unknown surface area and an object with a known surface area under the same conditions. The nitrogen is introduced as a mixture with hydrogen or helium. Orig. art. has: 2 figures. [JPRS]

SUB CODE: 07 / SUBM DATE: 17Nov64 / OTH REF: 002

Card 1/1 BLG

0915

0566

POLACEK, L.; KREJCI, O.; KUNG, Zd.

Third-degree vertical downward nystagmus due to basilar impression.
Rozhl.chir. 34 no.4:246-253 Apr '55.

1. Neurologická klinika KU v Praze, prednosta akademik prof. Dr.
Kamil Henner I. chirurgické oddelení UVN v Praze

(NYSTAGMUS

downward, vertical caused by basilar impression, surg.)
(OCCIPITAL BONE, abnormalities
basilar impression causing downward vertical nystagmus of
third degree, surg.)

KREJCI, O.; VYSOKA, B.; HANZAL, Fr.; REHANEK, L.; MANYCH, J., technicka
spoluprace POLESNA, D.

Generalized cryptococcosis (torulosis). Cas.lek.cesk 100 no.16:484-492
21 Ap '61.

1. Ustav epidemiologie a mikrobiologie v Praze, prednosta prof. dr.
K. Raska. Neurologicka klinika KU v Praze, prednosta akademik K. Henner.
Ustav soudniho lekarstvi KU v Praze, prednosta prof. dr. Fr. Hajek.

(CRYPTOCOCCOSIS case reports)

KREJCI, O. (MD)

CZECHOSLOVAKIA

KREJCI, O., MD.

Neurological Clinic of the Faculty of General Medicine of
KU (Neurologická klinika fakulty všeobecného lékařství
KU), Prague

Prague, Praktický lékař, No 13-14, 1963, pp 524-527

"Injury and the Brain Tumor."

CZECHOSLOVAKIA

LIS, K.; BILEK, J.; KREJCI, P.; Czechoslovak Academy of Sciences, Laboratory of Physiology and Genetics of Animals (CSAV, Laborator Fysiologie a Genetiky Z vocichu), Uhrineves.

"Depressor Activity of the Milk."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, pp 353 - 354.

Abstract: Samples of cow and goat milk were investigated; the milk of cows contained 0.0005 - 0.003 int. units of oxytocin per ml, and the goat milk contained 0.005 to 0.008. Alcohol extracts were more potent than acetone extract; it appears, therefore, that their activity is due to other substances than oxytocin. 5 Western, 1 Czech reference. Submitted at 3 Days of Physiology of Domestic Animals, at Libice, 8 Dec 65.

1/1

- 106 -

KREJCI, Petr, promovany ekonom

Application of new rules in granting bonuses. Prace mzda
ll no.10:466-470 0 '63.

1. Automobilove zavody, n.p., zavod Klementa Gottwalda, Praha.

KREJCI, R., inz.

Determining the degree of mechanization in machinery industry.
Strojirenstvi 12 no.1:65-67 Ja '62.

1. Statni vyzkumny ustav materialu a technologie, Praha.