

PAV, J.; WENKEOVA, J.; KUHN, E.

The problem of lipoprotein lipase and postheparin serum esterase.
Cas.lek.cesk 100 no.9:273-275 3 Mr '61.

1. Ustav pro vyzkum vyzivy lidu Praha, red. doc. MUDr. J. Masek.

(LIPOPROTEIN LIPASE) (HEPARIN pharmacol)
(ESTERASES blood)

Country : CZECHOSLOVAKIA
Category: Human and Animal Physiology. Internal
Secretion. Pancreas

T

Abs Jour: KZhDiol., N 19, 1958, 89021

Author : Pav, J.

Inst : -

Title : The Metabolism of Ketone Bodies in Diabetes.

Orig Pub: Ceskosl. gastroenterol. a vyziva 1956, 10, No 6,
453-456

Abstract: Patients (13) with mild and moderately severe forms of diabetes received, upon fasting, 180 g of whipped cream (60.5 g of fat, 4.5 g protein, 11 g carbohydrates). Ketonemia (K) was determined by the method of Messinger-Engfeldt immediately before the administration of the cream and within 2, 3, and 4 hours.

Card : 1/2

T-71

PAV, Jeromir
SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees:

Affiliation: Research Institute for Forestry and Game Protection (Vyzkumni ustav lesního hospodarství a myslivosti) Braslav na Vltavi

Source: Prague, Shornik CSAZV, Veterinární Medicína, Vol 6(34), No 8, Aug 61; pp 665-678

Data: "New Ways to Improve Health of Wild Hoofed Game by Feed Stations in Winter"

LOCHMAN, Josef; Janzenir
PAV, Jeromir: 1961

GPO 981643

PAV, J
~~SURNAME (in caps); Given Names~~

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: Institute of Research on Human Nutrition (Ustav pro vyzkum
vyzivy lidu), Prague; Director (Reditel): Doc MUDr J Masek

Source: Brno, Vnitřní Lekarství, Vol VII, No 8, August 1961, pp 920-925

Data: "Remarks on the Treatment of Obese Diabetic Patients."

112

CZECHOSLOVAKIA

PAV, J.; SRANKOVA, J.; SEMELIBROVA, O.; 3rd Internal Clinic, Faculty of General Medicine, Charles University (III. Interni Klinika Fak. Vseob. Lek. KU), Prague, Head (Prednosta) Member of Academy J. C. ARVAT.

"Serum Insulin Level After Different Stimuli."

Prague, Casopis Lekaru Ceskych, Vol 105, No 14, 4 Nov 66, p 1210

Abstract: Methods of investigating glucose metabolism are discussed. Author's immunocritical method is discussed. Glycemia level in 10 people below 35 and of 15 above 65 is compared. Peroral glycemic curve influences the washing out of insulin. Lower usage of glucose in older people is probably due to other factors than to an insufficient response of insulinemia to beta-cell stimulation. 1 Table, 4 Western, 2 Czech references.

1/1

KAS, Václav, prof. Dr.; KALANDRA, Vladimír, prof. Dr.; KOSIL, Vladimír, prof. Dr.; AUGUSTIN, akademik; PARIZEK, Miroslav, dr.; TCMŠEK, Boleslav, prof.; PATOCKA, Jan, dr., kandidát biologických věd; CHURÝ, Jiri, doc. dr.; PAV, Jaromir, dr.; JANDA, Jiri, dr.; KANAK, Karel, inz.; ZAVADIL, Zdenek, inz.

Discussion of the report of the scientific secretary of the Czechoslovak Academy of Agricultural Sciences. Vestnik CSAZV 7 no.1/2:100-118 '60. (EEAI 9:7)

1. Vysoka skola zemedelska a lesnicka, Brno (for Kas, Parizek, Tomsik, Chury).
2. Vysoka skola zemedelska, Praha (for Kosil).
3. Predseda VI. odboru Ceskoslovenske akademie zemedelskych ved (for Kalandra).
4. Vyskumny ustav lesneho hospodarstva, Banska Stiavnica (for Patocka).
5. Vyzkumny ustav lesniho hospodarstvi a myslivosti Ceskoslovenske akademie zemedelskych ved, Zbraslav (for Pav, Janda, Kanak, Zavadil).

(Czechoslovakia--Agriculture)

KANDRAC, Michal; PAV, Jaroslav; PECHOVA, Irena

Successful steroid therapy of severe enteritis caused by gold therapy. Cas.lek.cesk 100 no.12:361-367 24 Mr '61.

1. Laborator pro endokrinologii a metabolismus KU v Praze, prednosta akademik Josef Charvat a Ustav pro vyzkum vyzivy lidu v Praze, prednosta doc. dr. Josef Masek.

(GOLD toxicol) (ADRENAL CORTEX HORMONES ther)
(ENTERITIS etiol)

PAV, J.; PLACER, Z.; KUHN, E.; ROUBAL, Z.

Post-heparin activity of esterases in human serum. II. Inhibition of esterolysis and fading of esterase activity. Cas. lek. cesk. 98 no.39:1232-12326 25 S '59.

1. Ustav pro výživu lidu, Praha, reditel doc. dr. J. Masek.
Vyzkumny ustav pro farmacii a biochemii v Praze, reditel ing.
dr. O. Nemeck.

(ESTERASES blood)

PAV, J.; WENKROVA, J.; KUHN, E.

On the cause of post-heparin esterases in rats. *Cesk. fysiол.*
9 no.1:41-42 Ja 60.

1. Ustav pro vyzkum vyziivy lidu. Praha.
(LIPOPROTEIN LIPASE)

PAV, J.; SONKA, J.

New concepts on the pathogenesis of diabetes mellitus. Cas.
lek. cesk. 103 no.30:817-823 27.11.64

1. III. interni klinika fakulty vseobecného lékařství KU
[Karlovy university] v Praze; přednosta: akademik J. Charvat.

CZECHOSLOVAKIA / Chemical Technology. Cellulose and H-33
Its Derivatives. Paper.

^{Pav, J}
Abs Jour: Ref Zhur-Khimiya, No 14, 1959, 51996.

Author : Pav, J.
Inst : ~~Not given.~~
Title : Possibilities of Utilization of Supersonics in the
Paper Industry.

Orig Pub: Papir a celuloza, 1958, 13, No 12, 273-276.

Abstract: The theory of supersonics is reviewed from the
standpoint of its application to the treatment of
cellulose fibers. A particular emphasis is de-
voted to mechanical supersonic generators and to
possibilities of their utilization in the paper
industry.

Card 1/1

H-198

KUHN, B.; PAV, J.; PLACER, Z.

Certain metabolic effects of intravenous heparin. Cesk. fysiол.
8 no.3:218 Apr 59.

1. Ustav pro vyskum vyziivy lidu, Praha. Predneseno na III. Fysiologickych
dnech v Brne dne 15. 1. 1959.

(HEPARIN, eff.

on metab. intravenous admin. (Cz))

(METABOLISM, TISSUE, eff. of drugs on,
heparin, intravenous admin. (Cz))

PAV, J.; WENKEROVA, J.

Utilization of glucose by the leukocytes in diabetes. Cesk. fysiол.
7 no.4:365-366 July 58.

1. Ustav pro vyzkum vyzivy lidu, Praha.
(DIABETES MELLITUS, blood in,
leukocyte glucose utilization (Cz))
(LEUKOCYTES,
glucose utilization in diabetes mellitus (Cz))

PAV, Jaroslav; PLACER, Zdenek; HOUBAL, Zdenek

Human blood esterase activity after heparin administration. I. Hydrolysis of various fatty acid esters. Cas. lek. cesk. 97 no.20:620-625 16 May 58.

1. Ustav pro vyzkum vyziwy lidu, Praha, reditel doc. dr. J. Masek, Vyzkumny ustav pro farmacii a biochemii, Praha, reditel Ing. dr. O. Nemecek. J. P., Praha-Krc, Budejovicka 800.

(ESTERASES, in blood

hydrolysis of fatty acid esters, eff. of heparin (Cz))

(HEPARIN, eff.

on blood esterase hydrolysis of fatty acid esters (Cz))

(FATTY ACIDS, metab.

hydrolysis of fatty acid esters by blood esterases, eff. of heparin (Cz))

BAV, J.: MENKOVÁ, J.

"Utilization of glucose by white blood corpuscles in diabetes."

CESKOSLOVENSKÁ FYZIOLOGIE, Praha, Czechoslovakia, Vol. 9, no. 4, July 1968

Monthly List of East Europe Accessions (EEAI), IC, Vol. 9, no. 4, Part 60
Urbas

PAV, Jarmil, inz.

Analysis of the vibration of machine parts based upon the
mathematical theory of elasticity. Sbor cel pap 6:9-29 '61

PAV, Jaroslav, MUDr.

Therapeutic diet in diabetes; diet with higher carbohydrate content and lower fat content. Cesk. gastroenter. 9 no.3: 182-186 Sept 55.

1. Ustav pro vyzkum vyzivy lidu, Praha. Reditel doc. Dr. J. Masek.

(DIABETES MELLITUS, therapy, diet)

(DIETS, in various diseases, diabetes mellitus)

PAV, J.; LEBNAR, Z.

Equipment for fine defibration of fibrous raw materials. Sour
cel. pap 9:207-238 '64.

S/196/62/000/023/002/000
E194/E155

AUTHORS: Funk, Karel, Srnka, Osvald, Páv, Karel,
Pašek, Liboš, and Frkal, Antonín

TITLE: A method of fixing metal parts on porcelain
with synthetic materials

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika,
no.23, 1962, 1, abstract 23 B 3 P. (Czech pat.
cl. 21 e, 13/C1; 21 c, 13/10, no.99807,
June 1), 1961)

TEXT: The adhesive patented consists of a liquid mixture
of methyl-methacrylate and polymethyl-methacrylate with the
addition of a tertiary amine as a catalyst. A filler may be
added to the mixture, for example, coarse porcelain chips.

[Abstractor's note: Complete translation.]

Card 1/1

BURAN, Ludovit; PAVEK, Karol; SELECKY, Frantisek V.

Fluctuations in the sensitivity of guinea pigs to 3-strophanthin in the course of a year. Biologia 17 no.12:902-906 '62.

1. Ceskoslovenska akademia vied, Chemicky ustav Slovenskej akademie vied, Oddelenie farmakodynamiky v Bratislave.
(STROPHANTHIN) (SEASONS)

PAY, K. J. (Praha-Krc, Budejovicka 800)

Dietary & hormonal treatment of the sprue syndrome. Cesk. gastrocenter.
11 no.5:361-367 5 Sept 57.

1. Ustav pro vyzkum vyzivy lidu, Praha-Krc, reditel doc. Dr. J. Masek.
 - (SPRUE, ther.
ACTH, cortisone & diet (Cz))
 - (ACTH, ther. use
sprue (Cz))
 - (CORTISONE, ther. use
sprue (Cz))
 - (DIETS, in var. dis.
sprue (Cz))

PAV V. Chirurgická klinika v Hradci Králové. O léčbě osteomyelitidy leb-
ních kostí Treatment of osteomyelitis of the skull Prakt. Lek. 1950, 0/2
(67-68)

Two cases are described. Only a radical operation can be successful.
The extirpation of the affected bone must be timely and extensive. Penicillin
is only an adjuvant to surgical intervention.

Henner - Prague(VIII,9)

So: Neurology & Psychiatry Section VIII, Vol. 4, No. 1 - 6

DELEANU, Maria; PAVA, Ida

A contribution to the bibliography on the phenomenon of cavitation.
Studii tehn Timisoara 9 no.1/2:171-200 Ja-Je '62.

HW, L.

Contrattii is studied in the American Journal of Political Science
(Tides); a book review.

p. 15 (Revista Transport rion. 7.1. 3, Jan. 1980. ...restly, ...)

Monthly Index of East German Reception (... 7, ...)
February 1958

PAVA, R

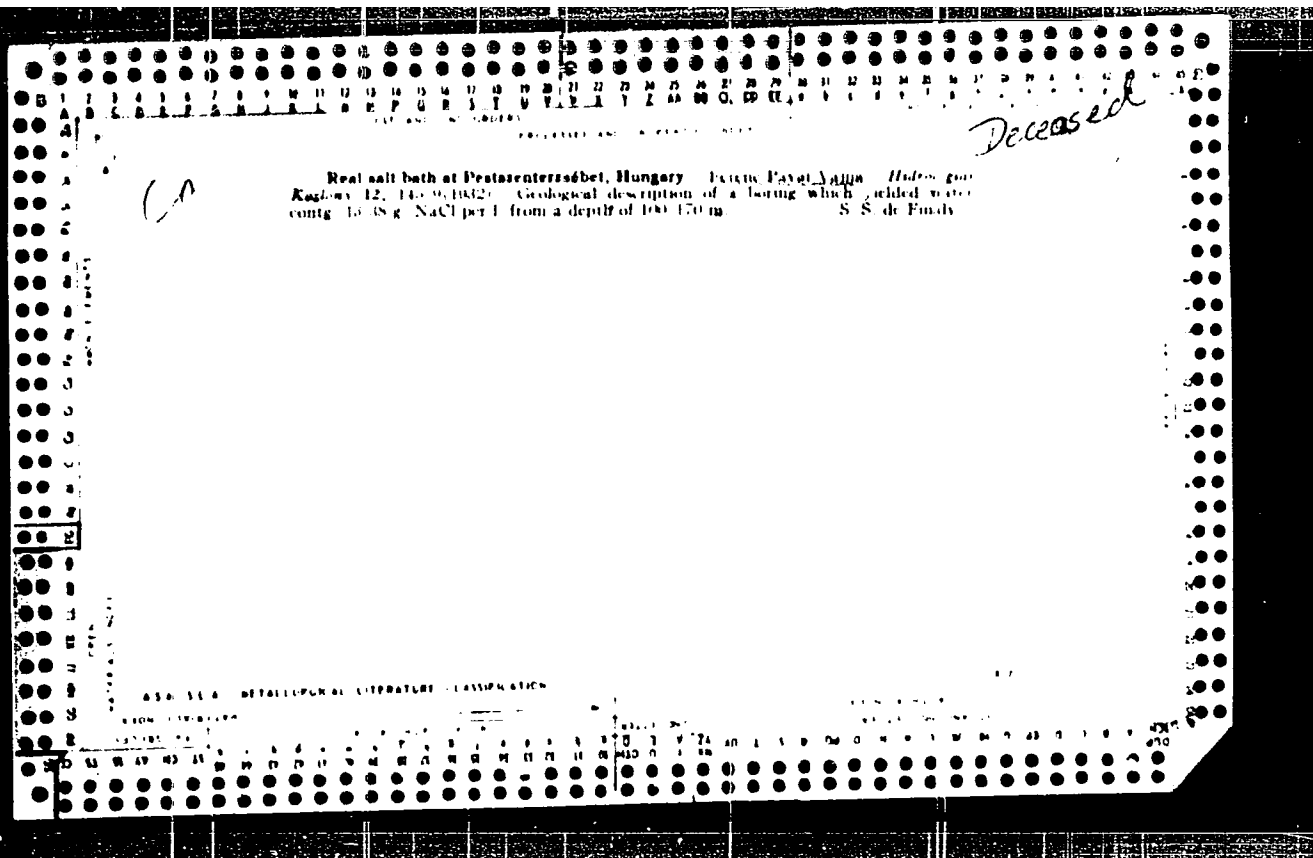
4
2
8

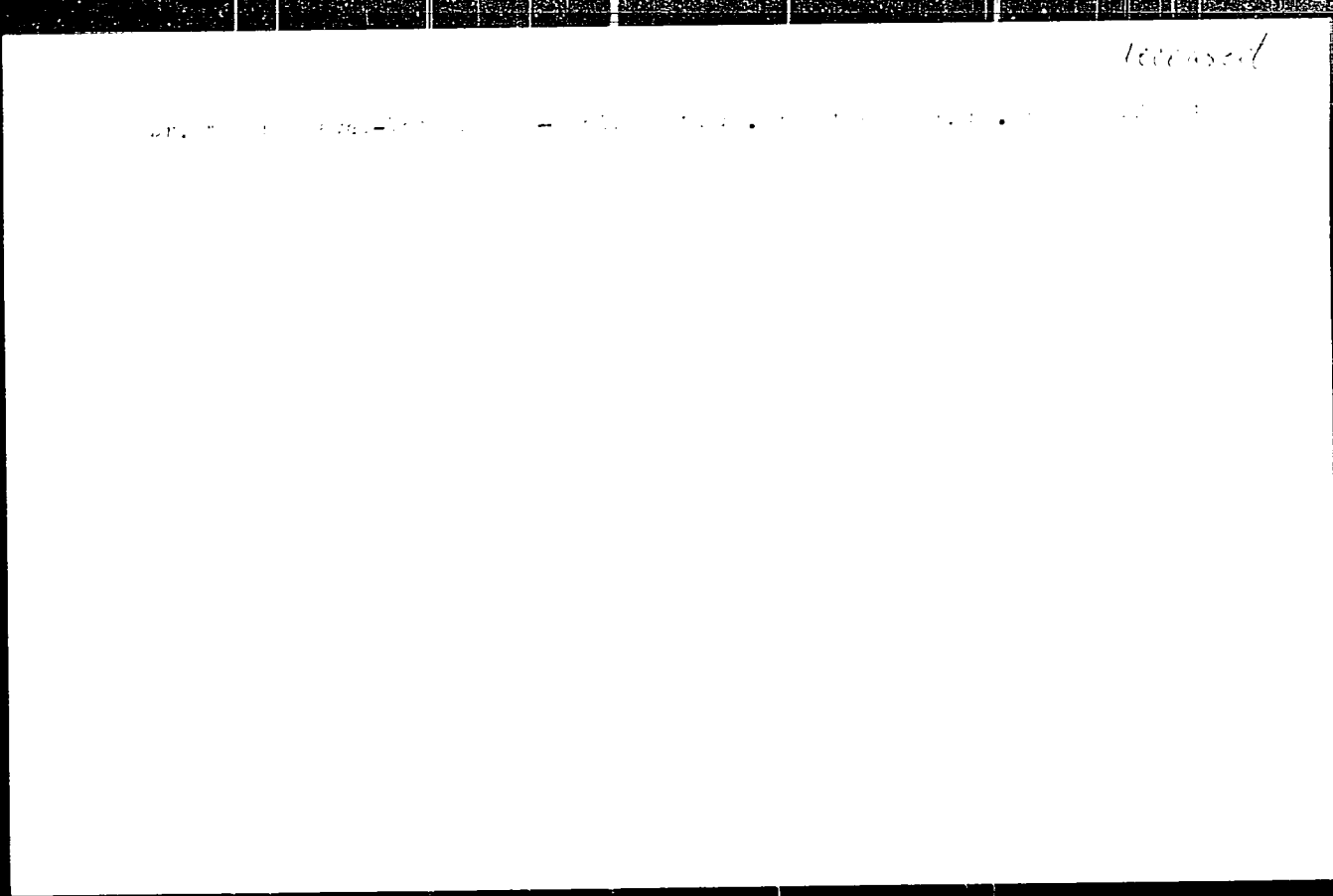
AP

55-171
 Pava, K. (Bucharest). Adalékok a léghőmérséklet kutatásához. [Contribution to the study of atmospheric tides]. *Időjárás, Budapest*, 58(6):445-446, Nov./Dec. 1954. Russian and French summaries p. 445. Transl. by L. Anjeszky. DWB-Also: complete German version. Beiträge zur Forschung der atmosphärischen Gezeiten. *Acta Agronomica, Budapest*, 5(1/2):261-264, 1951. Russian and English summaries p. 263-264. DA—On the basis of U. S. Weather Bureau Historic Weather Maps the author examines the possible influence of long lunar periods (i.e., the synodical and draconial lunar months) on atmospheric pressure oscillations. This paper contains a brief report of his findings (a detailed report containing the entire data material is under publication in the transactions of the Romanian Academy of Science). For the equatorial region only a very weak effect of long lunar periods on atmospheric pressure can be detected, but this effect increases with latitude and at the poles it reaches an average amplitude of 8 mb for a synodical and 6.3 mb for a draconial lunar month. The largest amplitude found was 27 mb. For 52°N lat. the average amplitude for the synodical period is 2.6 mb, or 50 times the value identified by CHAPMAN for the daily lunar tide. The oscillations follow the gravity changes with a lag of 2-3 days. They are stronger in winter than in summer. Subject Heading: 1. Lunar monthly tides. I. Anjeszky, LÁZLÓ (Trans. -G.7)

551.543.3:523.3

RC





VACULESI, Marin; GOIAESCU, Maria; IULIANU, Marvan; NUSTALIRAN, Maria;
SOME, Alexandra

isolated in hospitalized patients. Publ. ter., Secur. 5:21-2
1980.

(Microbiology)

pathogenic antibiotic-resistant types isolated from
hospitalized patients in Bucharest)

PAVALACHE, G.

Republican Conference of Innovators in Mechanization of the P. R. in the Field of
Industries and Transport. p. 118.
(REVISTA PADURETOR. Vol. 71, no. 2. Feb. 1957. Rumania.)

SO: Monthly List of East European Accessions (EMEA) 10, Vol. 1, no. 7, July 1977, Uncl

Page 78

L 41749-66 EWT(1)/EWT(m)/T/EWP(t)/ETI IJP(c) JD

ACC NR: A16018044

SOURCE CODE: UR/0185/66/011/006/0686/0688
78
-53AUTHOR: Pavalets', S. Yu.; Fedorus, H. A.ORG: Institute of Semiconductors, AN UkrSSR, Kiev (Instytut napivprovidnykiv AN URSSR)TITLE: Photo-emf of n-CdS - p-Cu_xS_y heterojunctionsSOURCE: Ukrayins'kyy fizychnyy zhurnal, v. 11, no. 6, 1966, 686-688TOPIC TAGS: junction diode, photodiode, cadmium sulfide, photoelectric cell, photo-electromotive force, energy band structure, conduction band

ABSTRACT: In view of the different points of view that have been used to explain the nature of the barrier produced between a layer of copper deposited over a CdS crystal (a procedure used to produce efficient photocells), the authors discuss the possibility that such a procedure results in a heterojunction, and describe a test of the properties of such a junction. The junctions were produced by sublimating CuS^v in vacuum on films or single crystals of CdS. The spectral distribution of the photoemf of the junctions was investigated using a UM-2 monochromator with an incandescent lamp and measured by a potentiometer method. The procedure used to prepare the CdS film is described briefly. Tests of different junctions prepared by different methods (CdS + Cu, CdS + S + Cu, and CdS + Cu_xS_y) have shown that deposition of copper on the CdS results, without any additional heat treatment, in heterojunctions of the type n-CdS - p-Cu_xS_y. Doping of both semiconductors with indium reduces the photoemf in the long-wave region (above 520 nm) and increases it for shorter wavelengths. The results

Card 1/2

PAVALUCA, N.

Phenomena of crisis in the international monetary system
of the capitalist world. Probleme econ. 17 no.12:84-96
D '64.

PROCESSES AND PROPERTIES INDEX

112

rhodium salts in syphilis. *B. Nappali, Giorn. ital. dermat. sif. 79, No. 4(1938); Tral. Cutaneous Rev. 42, 919(1938).*—In 7 clinical cases and in animal exper., a prompt curative effect on syphilitic lesions was exerted by $RhCl_3$, Na_2RhCl_6 , K_2RhCl_6 and $LiRhCl_4$. The dosage was 0.05 g./kg. given intramuscularly or intravenously. The compds. were well tolerated. Owing to the small no. of clinical cases, no definite conclusions have been reached as to the place of Rh in syphilis treatment.

Marion Horn

ASD-11-A METALLURGICAL LITERATURE CLASSIFICATION

E 2

L 12867-66 EWP(m)/EWP(w)/EWA(d)/T/EWP(t)/EWP(z)/EWP(b)/EWA(c) IJP() MJW/JD

ACC NR: AP6000677

SOURCE CODE: UR/0236/65/000/002/0239/0248

AUTHOR: Pavaras, A. E. (Pavaras, A.)

ORG: Institute of Power Engineering and Electrical Engineering, Academy of Sciences Lithuanian SSR (Institut energetiki i elektrotehniks Akademii nauk Litovskoy SSR)

TITLE: High chromium tool steels. 1. Structure and mechanical properties

SOURCE: AN LitSSR. Trudy. Seriya B. Fiziko-matematicheskkiye, khimicheskkiye, geologicheskkiye i tekhnicheskkiye nauki, no. 2, 1965, 239-248

TOPIC TAGS: tool steel, chromium steel, hardness, tempering, austenitic steel

ABSTRACT: Carbide distribution in macrosections of rolls (used in rolling mills) made from high-Cr steels were studied. Kh12M and Kh12F1 steels had varying carbide distribution throughout their cross sections, the inhomogeneity rating ranging from a low of 3 to a high of 10 (GOST 5952-51). Kh6BF steel which was forged into 14 x 14 mm sections, had an inhomogeneity rating of 2-3. Macrographs of the respective steels are shown and compared for different positions, i. e., 2 mm depth, at half-radius and at the center of the roll. The most pronounced inhomogeneity was at the center. The steels were also compared on the basis of Cr content. In general, lower Cr content resulted in better carbide distribution--Kh12M and Kh12F1 steels had 12% Cr, while Kh6BF had but 6%. Bend strength was determined for Kh12M as a function of quench tempera-

Card 1/3

L 12867-66

ACC NR: AP6000677

ture (ranging from 950-1075°C), tempering temperature (ranging from 150-500°C), quench severity, tempering time and carbide distribution. The bend specimens were 8 x 8 x 85 mm, cut from roll sections in the longitudinal and transverse directions. The maximum bend strength was obtained by quenching from 1025°C into air. Higher austenitizing temperatures, as well as slower quenching rates (e. g., oil and molten salt at 280-850°C) resulted in lowered strength levels. The strength rose as a function of tempering time, reaching a maximum after 1 hr, and then decreased. The most spectacular result was the large difference in bend strength noted as a function of carbide distribution; for the longitudinal sections, strength dropped as much as 30% when the inhomogeneity rating rose from 3 to 7; for the transverse sections, a decrease of 45 to 55% was observed relative to the longitudinal direction. The retained austenite was recognized as a serious problem, since its presence in amounts of 15-50% lowered the bend strength. An increase in the retained austenite from about 10% to 40% lowered the bend strength for Kh12M from 262 kg/mm² to 245 kg/mm². It was also shown that after quenching in air or oil, a subsequent quench from ambient temperatures to -75°C decreased the retained austenite content from 40% to 10%, with concomitant gain in strength. Kh12M, Kh12F1 and Kh6BF steels were compared for thermal stability; R_c hardness was given as a function of tempering temperature for different quenching temperatures. Kh6BF steel had the best stability in that it maintained a higher hardness upon tempering to as high as 300°C. The basic shortcomings in high-Cr tool steels were

Card 2/3

APPROVED FOR RELEASE: 06/15/2000

CIA-RDP86-00513R001239520001-8"

DL
Card 3/3

L 12868-66 EWT(m)/EWP(w)/EWA(d)/T/EWP(t)/EWA(c)/EWP(z)/EWP(b)
 ACC NR: AP6000573 SOURCE CODE: UR/0236/65/000/002/0249/0254
 43
 41 B

AUTHOR: Pavaras, A. E. (Pavaras, A.); Brimene, V. P. (Brimiene, V.)
 ORG: Institute of Power Engineering and Electrical Engineering, Academy of Sciences
 Lithuanian SSR (Institut energetiki i elektrotechniki Akademii nauk Litovskoy SSR)

TITLE: High chromium tool steels. 2. Decreasing of distortion upon quenching

SOURCE: AN LitSSR. Trudy. Seriya B. Fiziko-matematicheskiye, khimicheskiye, geologi-
 cheskiye i tekhnicheskiye nauki, no. 2, 1965, 249-254

TOPIC TAGS: tool steel, chromium steel, hardness, tempering

ABSTRACT: Distortion in high-Cr tool steels upon quenching was studied using Kh12M, Kh12F1 (both 12% Cr) and Kh6BF (6% Cr) steels. Data are given for changes in hardness after quenching in oil and in air, as a function of quenching temperature. With increase in quenching temperature, the hardness rose, reached a maximum and then fell; the maximum for all steels was 63-65 R_c. The temperature ranges in which the maximum was reached were 1030-1070°C for Kh12F1, 1010-1070°C for Kh12M, and 960-1050°C for Kh6BF. The lowering in hardness for temperatures above the 'maximum' range were the result of the increase in retained austenite. Volume changes after quenching and tempering were determined on cylindrical specimens of 100 mm length and 10 mm diameter. These specimens were heated to the optimum temperature and quenched in air, oil and oil

Cont 1/2

L 12868-66

ACC NR: AP6000678

heated to 160°C. Data were given for the change in length as a function of tempering temperature and it was found that air cooling resulted in the smallest dimensional changes: in the case of Kh5BF the length change was 30-35% lower after air cooling while for Kh12F1 steel the change was 2 times lower when compared to oil quenching, with or without heating the oil. This was explained on the basis of decreased tetragonality of the martensite after the slower quench in air. With regard to the warpage of parts made from high-Cr steels, it was estimated that the stress levels reached by oil quenching were up to 6 times greater than by air quenching. To study the influence of crack formation during quenching, specially designed samples were used, in which four holes were drilled about a center hole; each hole was separated a different distance from the perimeter of the center hole. These samples were quenched from 1050°C into water, oil and air respectively. The samples quenched into air did not have cracks. The oil quenched sample had cracks across two of the hole boundaries, separated 0.5 and 1.0 mm from the center hole perimeter. The water quenched sample exhibited cracks across all hole boundaries (up to 4 mm from center hole perimeter). There was even a crack through the sample itself. All samples were quenched to a high hardness (more than 60 R_c). Bend tests showed that air cooling resulted in higher strength than oil cooling even upon tempering. It was recommended that air cooling be used for the heat treatment of high-Cr tool steels. Orig. art. has: 3 figures, 1 table.

SUB CODE: 11/

SUBM DATE: 27Oct64/

ORIG REF: 003/

OTH REF: 001

Cord 2/2 HW

PAVANAS, A.E.; GELIER, Y.I.A.

Effect of residual austenite on the strength of tool steel.
Metalloved. i term. obr. met. no.4:45-48 Ap '65.

(MIRA 18:6)

1. Moskovskiy stankoinstrumental'nyy institut.

1. V. B.

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... ..

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PAVARAS, A.E.; GELLER, Yu.A.

Determining the hardenability of steel being hardened in
depth. Izv. vys. ucheb. zav.; Chern. met. 6 no.12:163-168
'63. (MIRA 17:1)

1. Moskovskiy stanko-instrumental'nyy institut.

L 12784-53 EWP(g)/EWT(m)/BDS AFPTC/ASD JT
ACCESSION NR: AP3002309 S/0182/63/000/006/0011/0014

57
55

AUTHOR: Geller, Yu. A.; Pavanas, A. E.

TITLE: Air-hardened die steels with a uniform carbide distribution, used in cold stamping

SOURCE: Kuznechno-shtampovochnoye proizvodstvo, no. 6, 1963, 11-14

TOPIC TAGS: die steel, carbide distribution, chemical composition, desired properties, hardness, heat resistance, strength, dimensional stability, workability

ABSTRACT: After criticizing the use of high-chromium steel for die manufacturing, the author states that die steels should fall into two types: those for work under light loads and those for work under heavy loads. Both types must show an even distribution of carbide, low hardening temperature, high hardness, and high resistance to warping. Dies of the second type must also be able to absorb heat without deteriorating. To possess all these properties the steels must be of a complex composition. Table 1 (Enclosure 1) shows the composition of two types of steel recommended by the author. Both of these metals show a uniform distribution of carbides; the first one hardens in the air at 820-840C, the second at 850-860C; they suffer little oxidation and scaling; neither one is sensitive to temperature changes; both show a hardness of 59-62 (Rockwell). These steels

Card 1/2

L 12784-63

ACCESSION NR: AP3002309

2

also show low volumetric change, little warping and cracking in hardening. Steel KhG3SVFM is stable in annealing and is heat resistant. The bending strength of this steel at hardness 57 is 240-250 kg/Sq mm; of steel 7KhG2VFM it is 280-290 kg/Sq mm. The American steel A5 is more sensitive to reheating, has lower strength, and is less stable at higher temperatures. The recommended steels are readily forged and machined. Orig. art. has: 4 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 12Jul63

ENCL: 01

SUB CODE: 00

NO REF SOV: 003

OTHER: 001

Card 2/12

PAVARE, BQ

U S S R .

Thermal decomposition of xylan in a current of hydrogen. V. N. Serkeev, I. G. Pavare, and G. B. Dombura. *Voprosy Leskhim. Khim. Sverdlovsk. Trudy Inst. Leskhim. Problem Akad. Nauk Latv. S.S.R.* 6, 38-50 (1953) (in Russian); cf. Husemann, *C.A.* 34, 6580. — Thermal decomposition of pentosans in H₂ was studied with xylan. This pyrolysis was more complete than that obtained by dry distn.; 2/3 of original xylan decompd. at 135-225°; all of xylan decompd. at 400°. The following was the optimum condition for pyrolysis: heating xylan to 325-350°, at which temp. valuable aromatic derivs. are obtained. Presumably pyrolysis proceeds by (1) hydrogenation of xylan at glucosidic linkages; (2) hydrogenation of individual pentoses at glycol groupings; (3) condensation of low-mol. compds. to polymethylenes and aromatic compds. At higher temps. phenolic compds. are hydrogenated. Elisabeth Barab...

SERGIYEVA, V.N.; PAVARE, B.G.; DOMBURG, G.E.

Thermal breakdown of xylan in a hydrogen stream. *Mezhan. probl. inst. rak.*
no. 6:38-50 '53. (MLRA 7:6)
(Xylan)

PAVAREN'NYKH, A.S.

~~Relation between the refractive index and nature of minerals.~~
Zap. Vses. min. ob-va 87 no.3:348-359 '58. (MIRA 11:10)
(Mineralogy) (Refractive index)

PAVARENKYKH, A. S.

Secret

Pre-nitro-garnet beam (Pre-nitro-garnet beam) ...
1952

Monthly list of Russian members, Ministry of
Congress, July 1952, Moscow, U.S.S.R.

PAVAROV, G. N.

6(7)

PHASE I BOOK EXPLORATION SOV/3216

Academiya nauk SSSR. Laboratoriya avtomaticheskogo informatsionnogo peredachi informatsii. Voprosy teorii i praktiki informatsionnoy peredachi informatsii. Seriya: Problemy teorii i praktiki informatsionnoy peredachi informatsii. No. 11. Design of Communications Circuits and Networks. Moscow, Izdatel'stvo AN SSSR, 1959. 163 p. Errata slip inserted. 2,000 copies printed.

Ed. of Publishing House: G. Ye. Pavlov; Tech. Ed.: A. P. Guseva; Editorial Board: G. A. Kharkevich (Resp. Ed.), V. E. Rumetov, V. G. Solov'yev, V. P. Shumakov, V. A. Zolotarev, V. G. Solov'yev (Deputy Resp. Ed.)

PURPOSE: This collection of articles is intended for specialists in communications theory.

COVERAGE: This collection of articles by scientists at the Laboratory of Systems for the Transmission of Information, Academy of Sciences, USSR, is a continuation of a series of collections published earlier under the title 'Sbornik nauchnykh rabot po teorii i praktike informatsionnoy peredachi informatsii' (Collection of Scientific Works on Information Theory and Practice). References are given after each article. A bibliography on automatic telephone systems (ATS) with crossbar switchgear is given in this appendix. This bibliography is considered to be of great interest in connection with the introduction in the USSR of the crossbar system.

Authors: G. N. Pavarov, K. I. Skirnov and A. D. Kharkevich. Experimental Investigations of the Carrying Capacity of the Grouping of Trunks of a Telephone System. 103

The paper was presented at the Laboratory Seminar on October 26, 1956. The selection of the grouping scheme was specified by the authors on the basis of the results obtained from calculations using the method of artificial loading. The substitution had a capacity of 100 numbers, with the connection stages for outgoing, and three connection stages for incoming traffic. On the basis of this calculation the authors determine the most convenient distribution of outgoing trunks among the intermediate switches, the necessary number of internal trunks between the incoming and intermediate switches, and the holding sequence of the internal trunks. There are 7 references, 3 Soviet and 4 English.

Author: G. N. Pavarov. Structural Theory of Communications Networks. 126
This paper was presented at a joint session of the Laboratory Seminar and of the Polyphony at MIZIS on January 6, 1956. The fundamentals of mathematical analysis of communications networks using matrix algebra are presented. Problems in the structural theory of communications networks are discussed: calculation of the network of tandem trunks between any two stations in and shortest determination of the length of the longest path of the network, and of some other parameters. Relationships between the structural theory of communications networks, graph theory and theory of relay contact circuits is discussed. There are 17 references: 11 Soviet (including translation), 4 English and 2 German.

PAVAROV, G. N.

"On Some Matrix Methods of Analysis of Relay-Contact Circuits," pp 274-275, ill, 5 ref

Abst: A new method is suggested for the algebraization of processes for finding the paths in a circuit, which is applicable to structural analysis as well as to the controlled determination of the number of paths in a circuit. Certain algebraic concepts are introduced for the formulation of the method.

SOURCE: Sbornik Razor po Avtomatike i Telemekhanike. In-t Avtomatike i Telemekhaniki AN SSSR (Collection of Works in Automatics and Telemechanics. Institute of Automatics and Telemechanics of the Academy of Sciences USSR, Moscow, Publishing House of the Academy of Sciences USSR, 1956

Sum 1354

POVAROV, G. N.

"Toward a Synthesis of Symmetrical Contact Circuits," pp 286-287, 111, 7 ref

Abst: A method is proposed for attaining a high economy of contacts due to the introduction of auxiliary bridge joints and to the partial joining of contacts of various auxiliary circuits.

SOURCE: Sbornik Rabot po Avtomatike i Telemekhanike. In-t Avtomatike i Telemekhaniki AN SSSR (Collection of Works in Automatics and Telemechanics. Institute of Automatics and Telemechanics of the Academy of Sciences USSR), Moscow, Publishing House of the Academy of Sciences USSR, 1956

Sum 1854

MIKHAYLOV, B.M.; PAVAROV, L.S.

Cyclization of ethoxyfarnesenic acid. Izv. AN SSSR Otd. khim.
nauk no.5:935-936 My '60. (MIRA 13:6)

1. Institut organicheskoy khimii im. N.D. Zelinskogo Akademii
nauk SSSR.
(Farnesenic acid) (Cyclization)

BRADY, Peter, INVALID, Ion

Optimum systems of directing the thrust of some rockets.
Stabiliz. cerc. mecat. 24 no. 4:805-816 1963.

1. Universitatea "Babeş-Bolyai", Cluj.

VOLKOVETS, N., slesar'-sborshchik (st. Berngardovka, Leningradskaya oblast'); PAVASAR, B., plotnik (st. Simskaya, Chelyabinskaya oblast'); ADIBEKYAN, O., inzh. (Yerevan); ROGOZIN, T. (Odessa); FRAUKIN, F., inzhener-mekhanik (Moskva); SEMENENKO, P., mekhanik; RADCHENKO, P., inzh.

Readers' letter exchange. Tekh.mol. 30 no.10:22-23 '62.
(MIRA 15:12)

1. Kolkhoz imeni Tal'mana, Turkmenskaya SSR (for Semenenko).
(Technological innovations)

PAVASAJS, Ya.

Experiment convinces. Zashch. rast. ot vned. 2 tom. 7 no. 7:42 1/4.
(MIRA 18:2)

1. Starshiy agronom-inspektor Latvliyskiy karantinny inspeksi.

PAVASARS, Ya.Yu. [Pavasars, J.]

Fifteen years' quarantine service in the Riga Harbor. Zashch.
rast. ot vred. i bol. 6 no.10:49 0 '61. (MIRA 16:6)

1. Starshiy karantinnyy inspektor Latvyskoy inspektsii.
(Riga--Plant quarantine)

Antibiotiki
YERMOL'Yeva, Zinaida Vassarionovna; RAVICH, Izabella Vladimirovna;
PAVASHIN, S.M., nauchnyy redaktor; BREZNEVSKAYA, L.Ya., redaktor;
YELGIN, A.S., tekhnicheskiy redaktor

[Antibiotics] Antibiotiki. Moskva, "zd-vo "Sovetskaya Rossiya,"
1957. 35 p. (Bibliotekha v pomoshch' lektoru, no.7) (MLRA 10:10)
(ANTIBIOTICS)

PAVASOVIC, Arsen, inz.

Protection of the tin plates on ship's decks. Brodogradnja 7 no.2:75-
77:56.

PAVASOVIC, Arsen, inz.

A station of sea-water corrosion at Split. Brodogradnja 7 no.2:71-72
'56.

PAVASOVIC, Arsen, inz.

Cathodic protection of the navy. Brodogradnja 7 no.2:78-83 '56.

PAVASOVIC, Arsen, inz.

Protective coatings based on PC lacquers. Brodogradnja 7 no.5:218-222
'56.

PAVASOVIC, Arsen, inz.

The seemingly petty problems. Brodogradnja 7 no.5:222-226 '56.

PAVASOVIC, Arsen, inz.

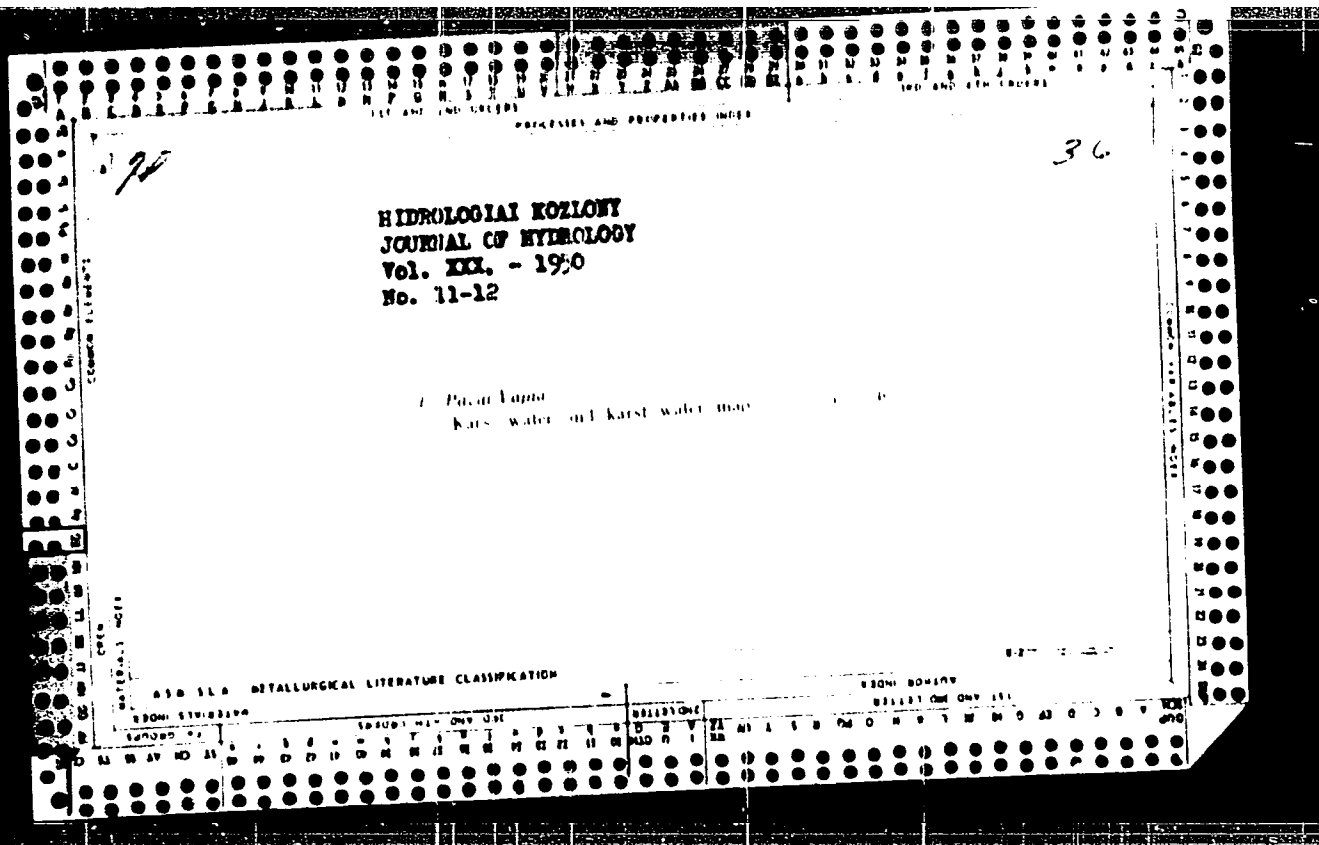
A case of corrosion on propeller axles. Brodogradnja 7 no.3:128-129
'56.

HORVATH, Endre; ASZODI, Lili; STENSZKY, Ernő; PAVAY, Agnes

Determination of incomplete anti-A and anti-B antibodies in group O pregnant subjects and in high-titer group O blood donors. Kiserletes orvostud. 13 no.3:245-250 Je '61.

1. Országos Verellato Szolgalat Központi Kutató Intézete és Hajdu-Bihar megyei Tanács Kórház Verellato Osztálya.

(BLOOD GROUPS) (PREGNANCE blood)



ALAXOVA, Maria; PAVCEKOVA, Magda, nosl. V. rocniku LFUK MUDr. Juraj Skalicky.

Further considerations on clinical utilization of arborization phenomenon
Cesk. gyn. 24[38] no.3:203-208 Mar 59.

1. I. zen.-porod. klinika UK V Bratislave, prednosta MUDr. Svetozar
Stefanik, Dr. J. S., I. zen.-por. kl. UK, Bratislava.

(VAGINAL SMEAR,
arborization of phenomenon of cervical fluids (Cz))

... ..

"Domestic construction of the sensitive meter."

Verija "Industriji, "Glasnik, "No. 2, June 1960, p. 100

... Eastern European Accession No. 1000, No. 1, Oct 1960, Lit. of ...

124-1957-1-513

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 1, p 64 (USSR)

AUTHOR: Pavchich, M.

TITLE: New Varieties of Loose, Mobile Materials for Model Testing of Erosion (Novyye vidy legko podvizhnykh materialov dlya modelirovaniya razmyva)

PERIODICAL: Izv. Vses. nauchno-issledovatel'skogo tsentra gidrotekhn., 1955, Vol 54, pp 223-228

ABSTRACT: The Author proposes the use of sawdust, obtained from green resinous wood, in model tests of readily erodible river beds. The sawdust is treated by hot or cold soaking with colophony, resins, nitro dyes, etc. The investigations are continuing.

A. N. Akhmedov

1. River beds--Erosion--Test methods

Card 1/1

PAVCHICH, M., inzhener.

New types of light movable materials for modeling hydraulic wash.
Izv. VNIIG no. 54:223-228 '55. (MIRA 10:3)
(Hydraulic models)

PAVCHINSKI, P.

Organization for utilizing the forests while growing young trees until 40 years of age.

p. 256 (GORSKO STOPANSTVO) Vol. 13, no. 6, June 1957,
Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,
March 1958

5.3400

7777
001/ 0-00-2-00100

AUTHOR: Pavda, G. D.

TITLE: Brief Communications. Synthesis of Some Aryl Acetoacetates and Metalloacacetic Derivatives Based on Carbon Suboxide

PERIODICAL: Zhurnal prikladny khimii, 1960, Vol. 33, No. 2, pp 489-492 (USSR)

ABSTRACT: The possibility of preparation of aryl acetoacetates from aromatic hydroxycompounds and carbon suboxide, in the presence of an acid catalyst, in the cold was studied. Phenol was reacted with carbon suboxide at (-5°) to (-40°) in the presence of catalytic amounts of H_2SO_4 for 3-6 minutes, and acetooxyphenol (I) was formed. Under the same conditions, hydroquinone gave a diacetooxyphenyl derivative (II). 2-Naphthol with carbon suboxide. In other, in the presence of H_2SO_4 , at (-10) to (-15°), in

Card 1/6

Brief Communication

1117
S. J. ...

3-(4-aminophenyl)isoxazole (III).

R. ...
...

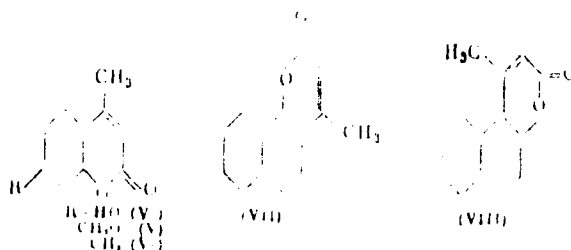
Research ...

Research, ... other, m- and p- and 2-naphthols with carbon dioxide and conc. H_2SO_4 (ratio 1:1), at (-30) to (-5) $^{\circ}C$. m- and p- isomers: 7-hydroxy-4-methylisoxazole (IV), 7-hydroxy-4-methylisoxazole (V), 6,7-dimethylisoxazole (VI), 4-methyl-7,8-benzisoxazole (VII), 4-methyl-7,8-benzisoxazole (VIII).

Card 2/6

Brief Communications.

77670
SOV/69-33-2-45/52



In tables below yields and some properties are given:

Card 3/6

Brief Communications.

77670
SOV/80-13-2-45/52

Table 1. Acyl Acetoacetates: (a) Starting aromatic hydroxyc compounds; (b) reaction temperature; (c) reaction product; (d) mp; (e) yield (in %); (f) phenol; (g) hydroquinone; (h) 2-naphthol; (i) acetoacetylphenol; (j) diacetoacetylhydroquinone; (k) acetoacetyl-2-naphthol.

(a)	(b)	(c)	(d)	(e)
(f)	-35--40	(i)	49--50	54
(g)	35--40	(j)	121--123	75
(h)	-10--12	(k)	73--74	74

Card 4/6

Brief Communications.

77670

SOV/80-33-2-45/52

Table 2. Coumarins: (l) Starting hydroxy-compound; (m) reaction temperature; (n) reaction product; (o) mp; (p) yield (in %); (q) resorcinol; (r) m-methoxyphenol; (s) m-cresol; (t) 2-naphthol; (u) 7-hydroxy-4-methylcoumarin; (v) 7-methoxy-4-methylcoumarin; (w) 4,7-dimethylcoumarin; (x) 4-methyl-5,6-benzocoumarin; (y) (from methano); (z) (from ethanol).

(l)	(m)	(n)	(o)	(p)
(q)	-30-40	(u)	183-184	80
(r)	-10-12	(v)	153	43
(s)	-35-40	(w)	120-130	60
(t)	-10-12	(x)	176-177	3

Card 5/6

Brief Communications.

77670

SOV/80-33-2-45/52

There are 2 tables; and 8 references, 6 Soviet, 1 U.S.,
1 U.K. The U.K. and U.S. references are: U.S.
Pat. 2180953 (1939); R. Lacey, J. Chem. Soc., 816
(1954).

SUBMITTED: June 27, 1959

Card 6/6

S/169/63/000/002/003/127
D263/D307

AUTHORS: Ceplecha, Zdeněk, and Pavedet, V.

TITLE: The beginning of rapid evaporation of meteors of different dimensions

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 2, 1963, 15, abstract 2A86 (Byul. astron. in-tov Chekhoslovakii, 1961, 12, no. 5, 191-195 (Eng.; summary in Rus.))

TEXT: An expression is obtained for the height h at which rapid evaporation of meteors begins, where h is a function of meteor size. Two extreme cases are considered: sufficiently large bodies, where energy transfer occurs by thermal conduction alone, and sufficiently small bodies, when the whole kinetic energy is radiated from the surface. Graphs are given for the dependence of h on the size of stony and iron meteorites of various velocities. Data for 360 Harvard meteors, obtained with the aid of Super-Schmidt cameras, are used to compare the calculations with experimental observations. This comparison showed that the theory gives best agreement with

Card 1/2

The beginning of rapid ...

S/169/63/000/002/003/127
D263/D307

practice if it is assumed that the meteors are stony. [~Abstracter's
note: Complete translation.]

Card 2/2

PAVEK, J.

Possible relation between liver diseases and the duration of sensation of warmth following administration of nicotinic acid. Gastroenterologia bohema 4 no.5-6:302-314 Dec 50. (CLML 20:6)

1. Of the Internal Clinic in Pilsen (Head--Prof.Jiri Scheiner,M.D., deceased).

PRVA, 4.

The importance of transportation in the national economy. p. 450.
(TECHNICKA PRACA, Vol. 9, No. 7, July 1957, Bratislava, Czechoslovakia)

SO: Monthly list of East European accessions (MEL) 10, Vol. 2, No. 1, p. 10-11, 1950.

PAVEK, J.

Pavek, J., "The Economical Distribution of Jobs in motorive freight transportation," p. 147, (DOPRAVA, Vol. 1, nos, 1-3, 5-6; 1973, Praha, Czechoslovakia)

SC: East European, I. O. Vol. 2, No. 12, Dec. 1973

BURAN, Ludovit; PAVEK, Karol; SELECKY, Frantisek V.

Fluctuations in the sensitivity of guinea pigs to G-strophanthin in the course of a year. Biologia 17 no.12:902-906 '62.

1. Ceskoslovenska akademia vied, Chemicky ustav Slovenskej akademie vied, Oddelenie farmakodynamiky v Bratislave.
(STROPHANTHIN) (SEASONS)

MACHOVA, J.; PAVEK, K.; SELECKY, F.V.

Pharmacology of substances isolated from Vinca minor L.I. Effect of Vincamine on arterial blood pressure. Bratisl. Lek. Listy 42 no;12: 713-721 '62.

1. Z Chemického ustavu SAV, riaditel akademik J. Vasatko.
(BLOOD PRESSURE pharmacol) (PLANTS MEDICINAL pharmacol)

SELECKY, F.V.; BABULOVA, A.; BURAN, L.; PAVEK, K.

Pharmacological analysis of a new cardiac glycoside. Acta physiol
pol 12 no.4:575-582 '61.

1. Z Oddziału Farmakologii związków organicznych Zakładu Chemii
Słowackiej Akademii Nauk, Bratysława. Kierownik: dr F.V.Selecky.
(CARDIAC GLYCOSIDES pharmacol)

DRIMAL, J.; PAVEK, K.; SELECKY, F.V.; Techn. spoluprac: SLAVIKOVA, E.; NEMCEK, V.

Study of the therapeutic effect of WAZEDTA on an experimental model of ventricular tachycardia caused by digoxin. Bratisl. lek. listy 45 no.6:339-352 30 S '65.

1. Farmakologický ústav Československé akademie věd (říditelka prof. MUDr. H. Hasková, DrSc.; vedoucí Slovenských pracovísk MUDr. F.V. Selecký, CSc.)

I 13583-56

ACC NR: AP6006071

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

AUTHOR: Pavek, K.; Drinal, J.; Selecky, F. V.

ORG: Institute of Pharmacology, CSAV, Bratislava (Farmakologicky ustav CSAV)

TITLE: Hemodynamics of the dog in unanesthetized condition and in systemic anesthesia with pentobarbital [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 29 Jan 65.]

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

TOPIC TAGS: cardiovascular system, dog, anesthesia, drug effect, nervous system drug, pharmacology

ABSTRACT: Very detailed measurement of cardiovascular sequence of events in trained stabilized dogs following 30 mg /Kg of pentobarbital intravenously; the myocardial depressive action of the barbiturate was studied in detail. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Cord 1/1

HW

PAVEK, K.; SELECKY, F.V.

Effect of reserpine on 0-strophanthin toxicity. Cesk. fysiол. 8 no.3:
230-231 Apr 59.

1. Chemicky ustav SAV, oddelenie farmaceutickej chemie a biochemie,
Bratislava. Prednesene na III. fysiologickych dnoch v Brne dna 14. 1.
1959.

(STROPHANTHIN, toxicity,
eff. of reserpine (Cz))
(RESERPINE, eff.
on strophanthin tox. (Cz))

TULACEK, Jiri; PAVEK, Karel

Asymmetry of axillary temperature as a prognostic sign in myocardial infarction. Cas. lek. cesk. 97 no.27-28:871-873 4 July 58.

1. III. vnitřní klinika MU, přednosta prof. MUDr., a PhDr. Jaroslav Pojer. J. T., Tabor, ul. Cs. armady 1191.

(MYOCARDIAL INFARCT, physiol.

axillary temperature, progn. value of asymmetry (Cz))

(BODY TEMPERATURE, in var. dis.

myocardial infarct. progn. value of asymmetry of axillary temperatures (Cz))

L 13229-66

ACC NR: AP6006036

SOURCE CODE: CZ/0053/65/014/004/0291/0291

AUTHOR: Drimal, J.; Pavek, K.; Selecky, F.

ORG: Institute of Pharmacology, CSAV, Bratislava (Farmakologicky ustav CSAV)

20
B

TITLE: Study of the therapeutic effects of Na sub 2 EDTA on an experimental model of ventricular tachycardia caused by digoxine [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 26 Jan 65.]

SOURCE: Geskoslovenska fysiologie, v. 14, no. 4, 1965, 291

TOPIC TAGS: dog, drug effect, pharmacology, circulatory drug

55

ABSTRACT: Study in barbiturate-anesthetized dogs revealed that Na₂EDTA depresses formation of ectopic ventricular impulses and decreases the tendency to arrhythmia.

[JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1

L 13582-66

ACC NR: AP6006070

SOURCE CODE: CZ/0053/65/014/004/0307/0307

AUTHOR: Pavek, K.; Drimal, J.; Selecky, F. V.

ORG: Institute of Pharmacology, CSAV, Bratislava (Farmakologicky ustav CSAV)

TITLE: Activation of the pulmonary chemoreflex with vincamine [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 28 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 307

TOPIC TAGS: pharmacology, drug effect, respiration, reflex activity, cardiovascular system

ABSTRACT: Injection of 1.5 mg /Kg of vincamine into arterial pulmonary circulation of dogs causes an average 30-second apnea; the cardiovascular dynamics of the phenomenon and the respiratory syndrome were studied in detail. The cardiovascular reaction is related to the respiratory reflex and can be excluded by vagotomy, artificial pulmonary ventilation or guanethidine premedication. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 001

PAVEK, M.

New trends in the development of wool carding machines.

P. 203, (Textil) Vol. 12, no. 6, June 1957, Praha, Czechoslovakia

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

...V-E, ...

New trends in the

F. 322. (T-111) (Iran, Czechoslovakia)

So: Monthly Index of East European Accession (EMIA)

PAVEK, M.; HULA, K.

New flier mechanism for carded yarn spinning mills. p. 105. (Textil, Praha, Vol. 9, no. 4, Apr 1954)

SO: Monthly 1 st of East European Accessions (EEAL), LC Vol 4, No. 6, June 1955, Uncl

PAVEK, M.

Proposed new drawing mechanism. p. 300. (Textil, Praha, Vol. 9, no. 10, Oct. 1954)

SO: Monthly list of East European Accessions (EEA), LC Vol 4, No. 6, June 1955. Uncl

PAVEL, A., ing., aspirant

Considerations on the heat exchange between solid particles and a gaseous medium in a fluidized layer. Petrol ul gaze 14, no.11:555-562 N '63.

1. Institutul de petrol "Gubkin" din Moscova.

PAVEL, A.

Optimal bed height for stepped-wire heat exchangers with
fluidized beds. Kinet. i tekhn. topol. i masloobrab. no. 6:200-21
Jeřá (MIRA 1978)

L 64954-65 EPF(c)/EPF(n)-2/ENT(l)/ENT(m)/ENT(o)/ENT(t) WH/JD

41
B

ACCESSION NR: AP5023469

RU/0003/64/015/011/0696/0696

AUTHOR: Pavel, A.

44, 65

TITLE: Concerning the similarity of heat exchange phenomena in fluidised layer

21, 44, 55

SOURCE: Revista de chimie, v. 15, no. 11, 1964, 696.

TOPIC TAGS: heat transfer, fluid mechanics

ABSTRACT: The author gives a mathematical derivation of the concept of similitude between the heat exchange phenomena in fluidized layers and in fluid liquids.

Orig. Art. Incl.: 12 formulas, 3 graphs, 1 table

14

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: ME, TS

NR REF SOV: 000

OTHER: 000

JPRS

NA
1/1

FAVEI, A., Ing.

Contribution to the calculation of the heat exchange coefficient
in fluidized layer. (1. 7. 1971) (1 si page 15 no. 12: 81-68) (1 page).

PAVEL, A.

Flow measurements with the aid of double diaphragms. Rev caimie
Min petr 14 no.2:95-103 F '63.

1. Aspirant la Institutul de petrol "Gubkin" din Moscova.

PAVEL, Alexandru, ing.

Calculation of flange pipe joinings subject to the action of
flexion moments. Metalurgia constr mas 14 no.12:1106-1111
D '62.

1. Aspirant la Institutul de petrol din Moscova.

PAVEL, A., ing.

Pipes and tubes made of plastics used in the oil, chemical,
and petrochemical industries. Petrol si gaze 13 no.8:352-363
Ag '62.

1. Aspirant la Institutul de petrol din Moscova.

PAVEL, A., ing.

New prospects of use of the fluidized layer in the chemical and petrochemical processing industries. Petrol și gaze 14 no.2: 74-75 F '63.

1. Aspirant la Institutul de petrol "Gubkin" din Moscova.

MARINESCU, G.; PREDESCU, I.; PAVEL, A.; STROESCU, G.

On encephalitis in infectious mononucleosis. Stud. cercet.
inframicrobiol. 14 no.1:55-59 '63.

1. Comunicare prezentata la cel de-al II-lea Simpozion romtno-bulgar
asupra encefalitelor actuale, Sofia.
(INFECTIOUS MONONUCLEOSIS) (ENCEPHALITIS)