

BROZMAN, B.;DIRAK, O.;KOTULIAK, V.;NEMEC, R.

Changes of carbohydrate metabolism in conditionally and unconditionally applied low pressure. Cesk. fysiол. 9 no.1:4-6 Ja 60.

1. Fyziologicke oddelenie Ustavu pre vyskum vyzivy ludu. Fyziologicky ustav Lek. fak. UK Bratislava.

(ANOXIA exper.)

(CARBOHYDRATES metab.)

DIBAK, O.; BROZMAN, B.; KOTULIAK, V.; ~~HEMEC~~, R.

Relation of vitamin C to certain physiological functions in conditions of lowered atmospheric pressure. Cesk. fysiол. 9 no.1:7-8 Ja 60.

1. Fysiologické oddelenie Ústavu pre výskum výživy ľudu. Fysiologický ústav Lek. fak. UK., Bratislava.

(VITAMIN C pharmacol.)

(CARBOHYDRATES metab.)

(ERYTHROCYTE COUNT)

(ANOXIA exper.)

- Bratislava, Bratislavské lekárske listy, Vol. 2, No. 10, 1962
Copyright by the Publishing House of the Slovak Academy
of Sciences (Vydavateľstvo Slovenskej akadémie vied), 1962.
1. "Zdeněk NEJEDLIK (10 Feb 1878 - 9 Mar 1962)" (obituary), Slavica [see
NEJEDLIK, president of the SAV (Slovakian Academy of Sciences); Slavica [see
NEJEDLIK, president of the SAV (Slovakian Academy of Sciences); pp 585-586.
 2. "Analysis of the Glutathione Affirmation into the Embryonal
Organism," by P. HUBA of the Neurophysiological Section
within the SAV Institute of Experimental Medicine (Embryonal
Physiology Institute, Bratislava, SAV); Bratislavské lekárske
listy (Bratislava), 1962, No. 10, pp 587-594 (English summary).
 3. "Conditioned-Reflex Changes in the Glycine Metabolism under the Ef-
fect of Short-Lasting Hypotension," by O. DIBAK, S. Brozman, V. Ka-
rlik, J. Kovács, and R. Kovács. From the Physiological Department
of the Research Institute of the Institute of Physiology and
Physiology of the Institute of Physiology (Physiology of the
Department of the Institute of Physiology) in Bratislava, Director (Physiol-
ogy) candidate A. BUDKO, MD; and from the Physiological Institute
at the Medical Faculty of Comenius University (Physiology) [see
LEHÁNEK, Faculty University (Košice) in Bratislava, named by
corresponding member of the SAV J. APUK, Dr of Sciences; pp 594-
608 (English summary).
 4. "The Release Thresholds of Spreading Depression in the Neocortex of
Brain of Some Physiological Species," by J. KOLÁČEK and D. ZACHAROVÁ
of the Neurophysiological Section within the SAV Institute of Ex-
perimental Medicine in Bratislava [see No 2], pp 602-610 (English
summary).
 5. "The Conditioning of the Vasodilation in the Local Regions of
the Brain Produced by a Single Deep Breath," by I. ŠTUKLY-ŠTUKLY
and E. KOLÁČEK of the SAV Institute of Experimental Medicine
[see No 2] in Bratislava; pp 610-617 (English summary).
 6. "The Hemodynamic Relations Between the Magistral and the Resistant
Part of the Arteries," by M. GRYGA and J. GRYGA of the SAV In-
stitute of Experimental Medicine [see No 2] in Bratislava; pp 617-
625 (English summary).
 7. "Development of the Basic Problems of Aviation and Space Medicine,
by S. BUDKO, A. BUDKO and O. DIBAK. From the Physiological De-
partment (later Physiology) at the Medical Faculty of Comenius
University in Bratislava, and from the Physiological Department of
the Hematology Research Institute in Bratislava [see No 1];
pp 626-634.

NEMEC, R.

A modified method for the determination of Ca in urine, feces and food.
Cesk. gastroent. 16 no.1:70-74 Ja '62.

1. UVVL; Bratislava, riaditel ustavu MUDr. A. Buoko CSc.
(CALCIUM) (FECES) (FOOD)
(CALCIUM DIETARY)

DIBAK, O.; BROZMAN, B.; KOTULIAK, V.; KORTUS, J.; NEMEC, R.; Technicka spolupracu SPUSTOVA, D.; CHOBOTOVA, M.

Conditioned reflex changes in the glycid metabolism in hypotension of short duration. Bratisl. lek. listy 42 no.10:594-602 '62.

1. Z fyziologickeho oddelenia Ustavu pre vyskum vyzivy ludu v Bratislave, riaditel MUDr. A. Bucko, C. Sc., a z Fyziologickeho ustavu Lek. fak. Univ. Komenskeho v Bratislave, veduci clen koresp. Slovensky akademie vied J. Antal, Dr.Sc.

(REFLEX CONDITIONED) (CARBOHYDRATES metab)
(ATMOSPHERIC PRESSURE)

DIBAK, O.; KOTULIAK, V.; LICKO, T.; NEMEC, R.

Vitamin C and its effect on the carbohydrate metabolism following injury. Bratisl. Lek. Listy 42 no.12:722-727 '62.

1. Z Ustavu pre vyskum vyziivy l'udu v Bratislave, ~~riadiatel~~ MUDr. A. Bucko, C. Sc., a z II. chirurgickej kliniky Lek. fak. Univ. Komenskeho v Bratislave, veduci akademik K. Siska.

(VITAMIN C pharmacol) (CARBOHYDRATES metab)
(WOUNDS AND INJURIES exper)

L 14896-66

ACC NR: AF6008149

SOURCE CODE: CZ/0049/65/000/004/0280/0286

AUTHOR: ~~Musko, Rudolf~~—~~Memets~~, R. (Engineer; Bratislava); ~~Eichnerova-Laginova~~,
Viera—~~Eikhnerova-Laginova~~, V. (Graduate physicist; Bratislava)

ORG: Institute for Food Research and Oncological Institute, Bratislava (Ustav
pre vyskum vysivy ludu a onkologicky ustav)

TITLE: Lipid fractions in irradiated rats fed different diets

SOURCE: Biologia, No. 4, 1965, 280-286

TOPIC TAGS: rat, biologic metabolism, radiation biologic effect, x ray irradiation, iodine

ABSTRACT: Fat metabolism was studied by investigation of cholesterol, lipid phosphorus, and the iodine number in rats that were fed either a synthetic or a natural diet, after they were subjected to a single dose of 600 r X-ray irradiation. Differences due to the nature of the diet are discussed. The irradiation caused in rats fed either of the diets a decrease in the iodine number in the serum and the epididymal fat, and an increase in the liver and lungs. No difference due to the diet of the animals was found. M. Babjakova, A. Slovakova,

Card 1/2

L 14896-66

ACC NR: AP6008349

and A. Randusova, of the Laboratory Section UVVL in Bratislava, participated in the technical work. Thanks is given to Dr. A. Vavrekova for the statistical work. Orig. art. has: 8 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: 17Nov64 / ORIG REF: 008 / OTH REF: 009
SOV REF: 005

Card 2/2

L 3537-66 EFP (-)

ACC NR: AP6024718

SOURCE CODE: CZ/0045/66/000/002/0118/0127

AUTHOR: Nemec, Rudolf--Nemets, R. (Engineer; Bratislava); Eichnerova-Lagimova, Viera--
Eychnerova-Lagimova, V. (Graduate physicist; Bratislava)

ORG: [Nemec] Research Institute for Popular Nutrition, Bratislava (Vyskumny ustav
vyzivy ludu); [Eichnerova-Lagimova] Oncological Research Institute, Bratislava 27
(Onkologicky vyskumny ustav)

19
TITLE: Lipid fractions found in irradiated rats maintained on different diets. II

SOURCE: Biologia, no. 2, 1966, 118-127

TOPIC TAGS: rat, radiation biologic effect, nutriology, biologic metabolism,
fatty acid

ABSTRACT: The content of cholesterol, lipid phosphorus, and the iodine number in the serum and in some organs of rats that were given diets containing varying amounts of non-esterified fatty acids and subjected to whole-body irradiation of 600 r, was investigated. Diets containing low amounts of non-esterified fatty acids showed prophylactic action on radiation disease. M. Babjakova, A. Slovakova, and A. Randusova, of the Departmental Laboratory, VUVL, Bratislava, participated in the technical work. The authors thank Doctor A. Vavreko for the statistical data. Orig. art. has: 5 tables. [JPRS: 35,814]

SUB CODE: 06 / SUBM DATE: 11Aug65 / ORIG REF: 002 / SOV REF: 008

OTH REF: 009

Card 1/1 *dy*

0915

2542

NEMEC, Theodor

Meeting of scientists at the World Congress for Disarmament and
Peace. Vestnik CSAV 71 no.5:492-495 '62.

NEMEC, Theodor

The 9th and 10th Pugwash Conferences on Science and World Affairs.
Vestnik CSAV 71 no.5:611-617 '62.

NEMEC, V.

TECHNOLOGY

Periodical: POZEMNI STAVBY. Vol. 6, no. 10, Oct. 1958.

NEMEC, V. The Moravian Dispatching Station, a structure founded on undermined ground. p. 570.

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Applications. Elements. Oxides. Mineral Acids.
Bases. Salts.

II

Abs Jour: Ref Zhur-Khim., No 8, 1959, 28022.

Author : Dulicka, M. and Nemec, V.

Inst :

Title : Regulation of a Tubular Contact Apparatus with Internal
and External Heat Exchangers.

Orig Pub: Chem Prumysl, 7, No 11, 598-601 (1957) (in Czech)

Abstract: The regulation of the temperature of the hot gas
entering the inner heat exchanger of a tubular con-
tact unit [converter] for the production of H_2SO_4
is described. Methods are indicated for the solu-
tion of problems in the regulation and automation

Card : 1/2

NETEC, V.

Synchronous generators with automatic contactless control.

p. 225. (Elektrotechnik) Vol. 12, no. 7, July 1957, Praha, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ABSTRACTS (NEAI) LC, VOL. 7, NO. 1, Jan. 1958

NEMEC, V., inž.

~~Thermal insulation of walls.~~ Poz stavby 11 no.7:390-392 '63.

1. Projektční středisko Odborového sdružení keramiky Praha.

NEMEC, V.

"Draft regulations for measuring ir turbo-units."

ENERGETIKA, Praha, Czechoslovakia, Vol. 5, no. 3, March 1955

Monthly List of East European Accessions Index (EEAI), Library of Congress,
Vol. 8, No. 2, August 1959

Unclassified

NEMEC, V.

"Pressure changes in the blade system of steam turbines with salt deposits." p. 730

STROJIRENSTVI. (MINISTERSTVO TEZKEHO STROJIRENSTVI, MINISTERSTVO PRESNEHO
STROJIRENSTVI A MINISTERSTVO AUTOMOBILOVEHO PRUMYSLU A ZEMEDELISKYCH STROJU.)
Praha, Czechoslovakia, Vol. 5, no. 10, Oct. 1955.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.
Uncl.

NEMEC, M.

"Determining the optimum number of intake wells in oil boundaries by water injection."

RODNIK VEDICKYCH PRACI, Ostrava, Czechoslovakia, Vol. 1, No. 5, 1958.

Monthly List of East European Assassinations (MEEL), LC, Vol. 8, No. 2, September 1964.

Unclassified.

NEMEC, Vaclav, promovany geolog

Calculation of a deposit reserve with regard to the ~~zero~~ value
of thickness and content of ~~usable~~ mineral. Geol pruskum 5
no.7:208-209 JI '63.

1. Geologicky pruzkum, n.p., Praha.

NEMEC, Vaclav, promovany geolog

Disadvantages of the Boldyrev polygon method. Geol pruzkum 6
no.8:233-235 Ag '64

1. Geologicky pruzkum National Enterprise, Prague.

NEMEC, Zdenek

Problems of standardization in the field of dilatometry of metals. Normalizace 11 no. 12: 381-383 D '63.

1. Oborove normalizacni stredisko pro nezelezne kovy pri Vyzkumnem ustavu kovu, Panenske Brezany.

NEMEC, Zdenek

Revision of quality standards for copper semiproducts. Normalizace
11 no.8:243-245 Ag '63.

1. Oborove normalizacni stredisko pro nezelezne kovy pri
Vyskumnem ustavu kovu, Penenske Brezany.

ZAHOR, Z. Technická spolupráce: MACHOVÁ, M.; NEMEC, Z.

Substitution of cholesterol in the atherogenic diet by brain tissue in experimental atherosclerosis in rats. Sborn. lek. 66 no. 1: 20-25 Ja'64.

1. II. patologickoanatomický ústav fakulty všeobecného lékařství University Karlovy v Praze (prednosta: prof. dr. V. Jedlička, DrSc.) a Ústřední laborator fakultní nemocnice v Praze 2 (vedoucí: MUDr. J. Hrabane).

NEMECEK, Alois

A new type of light plastic leather. Kozarstvi L. no. 1142 of cover,
3 of cover N 164.

Nemecek, F.

Nemecek, F. Rolling tapered pipe thread on the AEWB 4 machine. p. 68.

Vol. 5, no. 2, Feb. 1957

STROJIRENSKA VYROBA

TECHNOLOGY

Czechoslovakia

So: East European Accessions, Vol. 6, May 1957
no. 5

NEMECEK, Frantisek, .nz.

Means of instruction in secondary technical schools. Zl tech
obzor 51 no.8:417-418 Ag '62.

7

9 (2, 9)

CZECH/14-60-1-13/53

AUTHOR: Němeček, Ivan, Engineer

TITLE: The Křižík T531 Oscilloscope With a Built-in Voltage Calibration

PERIODICAL: Sdělovací technika, 1960, Nr 1, p 17

ABSTRACT: Recently this periodical invited readers to write about innovations they use in factories; the author responded, sending a description of a modified Křižík T531 oscilloscope with built-in voltage calibration whose circuit diagram is in Fig 1. Fig 2 presents the best placement of the disconnecter and of the potentiometer. The voltage calibration can be carried out in a range of 0.5 v to 300 v depending on the interior resistance of the used voltmeter. The measuring error is about 15%. The described device has, the author asserts, several advantages: 1) it replaces a Křižík T565 oscilloscope; 2) it avoids more complicated and slow calibration methods; 3) the voltage regulation is easy even for measurements on low ranges of the volt-

Card 1/2

CZECH/14-60-1-13/53

The Krizik T531 Oscilloscope With a Built-in Voltage Calibration

meter scale; 4) the device is cheap and simple. However, there also are some disadvantages to it: 1) the measuring can be only carried out with pulses brought to the right input of the amplifier; 2) if the lateral disconnecter is switched off, the input capacity of the left input increases twice in comparison with that of the right input. Nevertheless, the author concludes, the device will prove satisfactory and economical in various cases. There are 2 figures.



Card 2/2

NEDECEK, J.

"Super Eutectoid Carbon Content in Cementation Layers." p. 846
(STROJIRENSTVI. Vol. 4, No. 11, Nov. 1954; Praha, Czech.)

So: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 4, April 1955, Uncl..

NEMECEK, J.

Heat treatment of cemented layers with hypereutectoid carbon. p. 909.
STROJIRENSTVI, Prague, Vol. 4, no. 12, Dec. 1954.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6,
June 1956, Uncl.

EXCERPTA MEDICA Sec 18 Vol. 1/12 Cardiovas. Dis Dec 57

3347. NEMECEK J. and STEJSKAL J. 1. Vnitr. a Pathol., Anat. Odd. Thomayerovy Nemocn., Praha. Proderaveni mezikomorove prepazky do kuzele plicnice pri bakteriální endokarditide aortalních chlopní *Perforation of the interventricular septum into pulmonary artery in the course of bacterial endocarditis of aortic valves* Vnitr. lek. 1957, 3/6 (530—535) Illus. 1

In a male aged 65 suffering from bacterial endocarditis of the right aortic valve of 4 weeks' duration, a deep erosion of Valsalva's sinus and an abscess formation in the ventrocranial portion of the muscular septum with subsequent terminal perforation into pulmonary artery occurred. The perforation of the septum was diagnosed clinically. Coronary arteriosclerosis and myocardial infarction of the septum were considered to be the primary condition, because the clinical picture in the course of 8 days' hospitalization was not characteristic of bacterial endocarditis. A detailed analysis of the case from the anatomical and clinical point of view was made.

NEMECEK, J.

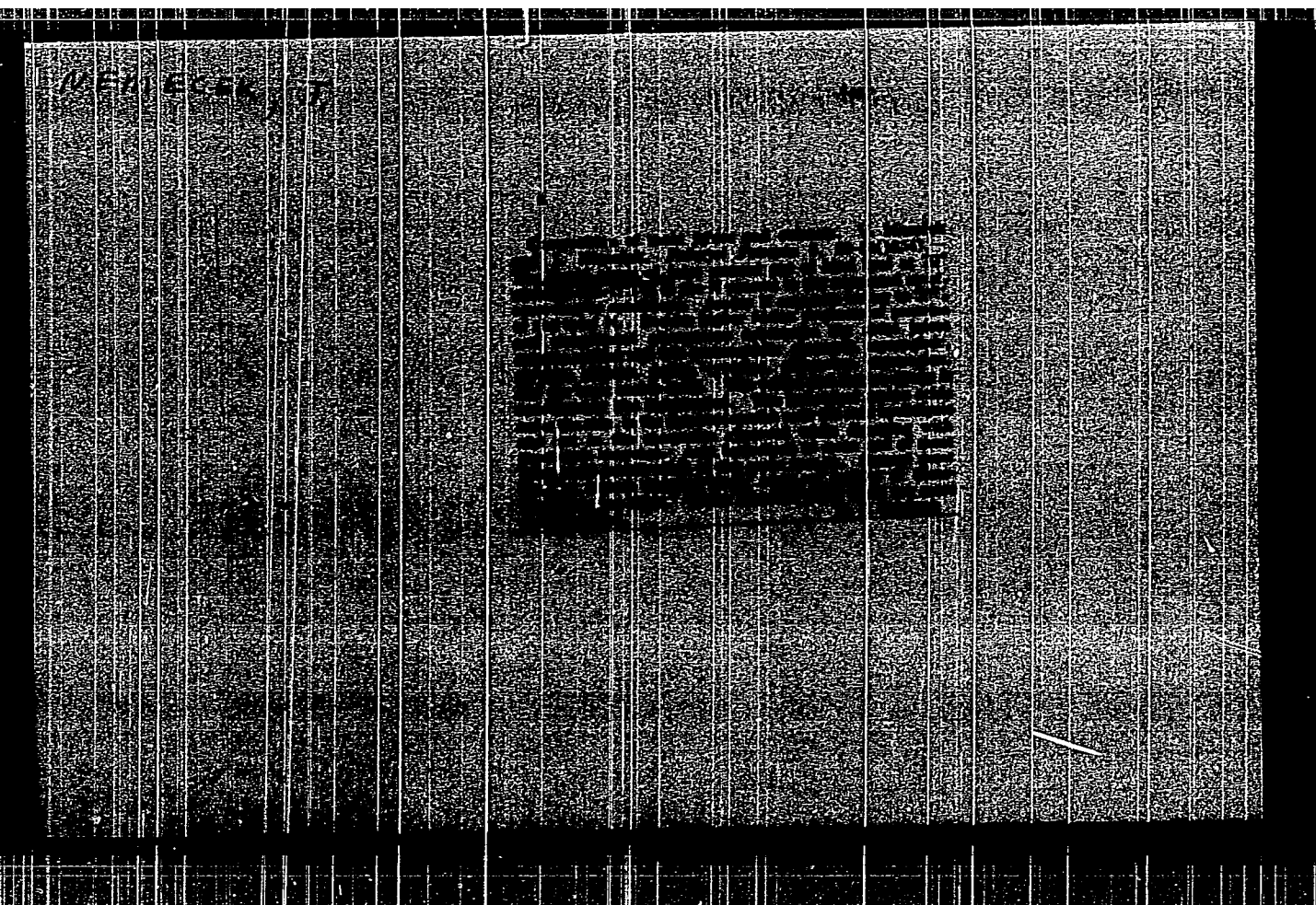
"Our Chemists Work Well", P. 2, (TECHNICKE NOVINY, Vol. 2, No. 9, May 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

VANECEK, V.; MOUDRY, F.; NEMECEK, J.

Cooling of granular substances in whirling layers. Coll Cz chem
27 no.5:1081-1090 My '62.

1. Forschungsinstitut für anorganische Chemie, Usti nad Labem.



NOVOTNA, J.

Extrusion of involute profiles. p. 471. (STROJNICKA VYROBA, Vol. 4,
No. 11, Nov 1956, Praha, Czechoslovakia)

70: Monthly List of East European Accessions (SAL) 10, Vol. 6, No. 1, Dec 1957, Uncl.

NEMECEK, J.
HAMMER, Jan, MUDr; NEMECEK, Jan, MUDr; VANECER, Rudolf, MUDr

~~Perforation of the interventricular septum in myocardial infarct,~~
Perforation of the interventricular septum in myocardial infarct,
diagnosed in vivo. Cas.lek.cesk. 91 no.9:268-272 29 Feb 52.

1. Z interniho odd. Statni fakultni nemocnice--odbocka Budinova
nemocnice, Praha III, prednosta: MUDr Jindrich Karpisek, a z II.
pathol. -anatomického ustavu, prednosta: prof. dr. Vaclav Jedlicka.

(MYOCARDIAL INFARCT, complications,
interventric. septum perf., diag.)

(CARDIAC SEPTUM, perforation,
in myocardial infarct, diag.)

MELZER, Jiri, PhDr.; HEMECEK, Jan, ins.; ROKOS, Ludek, MUDr.

Equipment of the engineer's cabin with regard to hygiene and comfortableness. Zelez dop tech 10 no.12:360-361 '62.

NEMECEK, J. dr. CSc.

Soils of deep homogeneous Pleistocene sediments in Czechoslovakia.
Rost výroba 10 no. 5/6:481-499 My-Je '64.

1. Central Research Institute of Plant Production, Prague.
Ruzyne.

NEMECEK, J.

"Some causes of breakdowns in the new electric-power plants."

ENERGETIKA, Praha, Czechoslovakia, Vol. 5, no. 1, Jan. 1955

Monthly List of East European Accessions Index (EEAI), Library of Congress,
Vol. 8, No. 8, August 1959

Unclassified

Nemecek, J. ; Vrba, J.

Nemecek, J. ; Vrba, J. Fundamental problems of transmitting the
television picture signal. p. 322.

Vol. 4, no. 11, Nov. 1956

SDELOVACI TECHNIKA

TECHNOLOGY

Czechoslovakia

So. East European Accessions, Vol. 6, No. 5, May 1957

NEMECEK, Jan

CZECHOSLOVAKIA/Radio Physics - Application of Radiophysical Methods 1-9

Abs Jour : Ref Zhur - Fizika, No 8, 1958, No 18775

Author : ~~Nemecak~~ Jan, Vrba Jan

Inst : Not Given

Title : DTL Radio Relay Line for Transmission of Television

Orig Pub : Slaboproudy obzor, 1957, 18, No 12- 839-851

Abstract : Description of a radio relay line, developed in the Research Institute of Communication Engineering imeni Popov. The line operates in the six centimeter band. The transmitter employs a reflex klystron of two watts capacity. The length of the line is 80 km, the buildup time of the pulse is less than 65 millimicroseconds.

Card : 1/1

22

NEMECKE, J.; BURGER, I.

Synchronization equipment for the driving of apparatus in motion picture and sound techniques. p. 161.

ELEKTROTECHNICKY CASOPIS. (Slovenska akademia vied) Bratislava, Czechoslovakia, vol. 10, no. 3, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 11, Nov. 1959.
Uncl.

NEMECEK, Jan, inz.; DEYL, V., inz., dr.

Problem of noise of railroad operation in designing railroad lines.
Zel dop tech 9 no.12:363-365 '61.

NEMECEK, Jan

Calculation of poles with regard to the torque and ice forming.
Energetika Cz 11 no.12:616-617 D '61.

NEMECEK, Jan.

Optimum line of the electric long distance mains. Energetika Cz
12 no.8#413-415 Ag '62.

1. Energovod, n.p., Praha.

NEMECEK, Jan, inz.; HORNA, Jan, inz.

Second international conference on centimetre wave communications.
Slaboproudý obzor 23 no.9:546-547 S '62.

NEMECEK, Jan, inz.

Poisoning by carbon monoxide in railroad tunnels. Zel dop tech
11 no.9:278-279 '63.

NEMECEK, J.; ROKOS, I.

Some problems of the hygiene of work of drivers on electric and Diesel engines. *Cesk. hyg.* 9 no.1:28-34 F'64.

1. CSD Ustredni ustav zelezniciho zdravotnictvi, Praha.

x

L 20524-66

ACT NO: 20524-66

(A)

SOURCE CODE: CZ/0074/65/000/009/0010/0010

AUTHOR: Komenc, Jan (Engineer) (Prague)

ORG: BORG

TITLE: Czech patent no. 5913-64

SOURCE: Vynalez, no. 9, 1965, 10

TOPIC TAGS: automatic control, control circuit, electron tube, vacuum tube, amplifying equipment, direct current, electrode, transistor, voltage divider

TRANSLATION: The automatic circuit for controlling the amplification in amplifiers, where the controlled tubes are, is provided with cathode resistors whose ohmic values are higher than those required for obtaining automatic bias. The rated current of the tubes is set by applying a positive voltage to their control electrodes. The voltage is taken from a voltage divider, which is equipped with a transistor connected in parallel so that in the absence of voltage a minimal current will flow to its control electrodes while the free control electrode receives a d.c. current from the rectified signal of a diode, connected at a point where the constant level of amplified voltage is required.

SUB CODE: 09

SUBM DATE: 24Oct64

Card 1/1 20C

NECEK, Jan

On the problem of noxious gases in railway tunnels of the
Czechoslovakian State Railroad. Prac. lek. 7 no.8:357-360
0 ' 65.

1. Ustredni ustav zeleznicniho zdravotnictvi v Praze (reditel
MUDr. K. Vostatek).

HRASKO, Juraj; NEMECEK, Jan

First seminar on the correlation between the soil map drafts
of Europe. Geogr cas SAV 15 no.3:197-198 '63.

NEMESER, Jan. dr.; DAM

JONAS, Jantisek, M. Ing.

World Congress of the International Society of Soil Science in
Bucharest. Vest list zomadel 12. 12. 1960-78. 1965.

1. Central Research Institute of Plant Production, Brno.
Ruzyne (for Nemeser and Damasko). 2. Higher School of Agronomy
culture, Prague (for Kosi). 3. Research Institute of Plant
Improvement, Prague (for Jonas).

~~NEMECEK~~, J. [Nemecek, J.] (Csehszlovakia); HRASKO, J. (Csehszlovakia)

Soil research in Czechoslovakia. Agrochem talajtan 12 no.4:
667-670 D '63.

NEMECEK, Jaroslav

Education of specialists for management of invention and
improvement activities and for industrial legal protection.
Tech praca 16 no.8:614-616 Ag '64.

1. Chariman of the Office of Patents and Inventions, Prague.

NEMCEK, Jaroslav [Nemcek, Jaroslav]

Training of specialists dealing with innovations and industrial
patent laws in Czechoslovakia. Muza elst 19 no.21:15 8 0 '64.

1. President, Office of Patents and Inventions, Prague.

VENCovsky, Eugen; DVORAK, Jindrich; ~~HEMICEK~~, Jaroslav

Experiences with chlorpromazine treatment in psychoses. Cesk. psychiat. 53 no.2:111-116 Mar 57.

1. Psychiatricka klinika v Plzni.
(PSYCHOSES, ther.
chlorpromazine (Cz))
(CHLORPROMAZINE, ther. use
psychoses (Cz))

PROKSOVA, Alena; NEMECEK, Jaroslav

Mental complications during preludin therapy. Seck.psychiat.
55 no.6:368-370 D '59.

1. Psychiatricka klinika v Plzni, Psychiatricka lecebna v
Dobrušce.

{SYMPATHOMIMETIS eff.inj.)
{PSYCHOSES TOXIC etiol.)

NEMECEK, Jaroslav

80 years of the Dobruška Psychiatric Hospital. Cesk. psychiat. 57
no.5:356-360 '61.

1. Psychiatricka lecebna v Dobrušce.
(HOSPITALS PSYCHIATRIC hist)

NEMEČEK, J.; KLIK, J.

Contribution to therapy by environment. Česk. psychiat. 60
no.3:199-202 Jč'64

1. Psychiatrická léčebna, Dobruška.

ACC NR: AP6032608

SOURCE CODE: CZ/0032/66/016/009/0669/0678

AUTHOR: Nemecek, J. (Docent; Engineer); Sandera, J. (Engineer)

ORG: ~~Nemecek~~
Research Institute of Industrial Chemistry, Semtin (Vy'zkunmy' restav
prumyskové chemie); Victoriores February Plant, Hraotec Kratove (Zavody
vite reho unora) [Sander]

TITLE: Changes in material properties induced by explosive bonding of tubes to
tube plate

SOURCE: Strojirenstvi, v. 16, no. 9, 1966, 669-678

TOPIC TAGS: explosive welding, stainless steel explosive welding, copper explosive
welding, *METAL BONDING, METAL TUBE, STRESS CORROSION*

ABSTRACT: Copper tubes 10 x 1 and 10 x 2 mm [outside diameter x wall thickness] and
17246 stainless-steel [AISI321] tubes 10 x 1.5 mm were explosion bonded to 17246 steel
tube plate 35 mm thick. In the case of stainless-steel tubes, the explosive bonding
produced no adverse effects in the tubes or tube plate. The toughness and suscepti-
bility to general and stress corrosion in the case of explosive bonding were generally
equal to those observed with conventional fastening. In copper tubes at both wall
thicknesses, explosive bonding caused cracks. Therefore, for copper tubes, explosive
bonding cannot be recommended. Orig. art. has: 18 figures and 9 tables.

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 009/ OTH REF: 016/ SOV REF: 002

Card 1/1

NEMECEK, Jiri

Chlorination of lime milk. Chem pram 13 no.4:174-179 Ap '63.

1. Vyskumny ustav anorganicke chemie, Usti nad Labem.

NEMECEK, Jiri; PEKAREK, Petr

Contribution to the kinetics and mechanism of thermal decomposition
of iron sulphates. Chem prum 15 no.3:132-137 Mr 1965.

1. Research Institute of Inorganic Chemistry, Usti nad Labem.

SECRET

CONFIDENTIAL

CONFIDENTIAL

NEMECĚK, Josef

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and
Their Application, Part 1. - Processes and
Apparatus of Chemical Technology.

H

Abs Jour: R f. Zhurnal Khimiya, No 21, 1958, 71030.

Author : Josef Němecĉk.

Inst :

Title : Pumping of Aggressive Liquids Without Losses.

Orig Pub: Chem. průmysl, 1958, 8, No 4, 183-186.

Abstract: The construction, the principles of action and the
description of a pump without stuffing box are
presented.

Card : 1/1

NĚMEČEK, L., DVM.

Czechoslovakia

Brno, Veterinářství, No 2, 1963, pp 64-67

"Dislocation of the Spleen in Cattle."

CZECHOSLOVAKIA

NEMECEK, L., MVDr; ROZTOCIL, V., doc MVDr, CSc; REZNICEK, V., MVDr

Brno (for all)

Brno, Veterinarstvi, No 12, December 1966, pp 551-552

"Treatment of actinomycosis with iodine preparations."

CZECHOSLOVAKIA

NEMECEK, L., MVDr

Brno

Brno, Veterinarstvi, No 11, November 1966, pp 507-511

"On centralized anesthesia on the head of cattle."

NEMECEK, Lamin

"Mounting cable-end connectors of 1-10 kv, with casting epoxy resins."

ELEKTROTECHNIK, Praha, Czechoslovakia, Vol. 14, No. 6, June 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 9, No. 9, September 1959.

Unclassified.

NEMECEK, Lumir, inz.

Economical cross section of cables for industrial enterprises.
Energetika Cz 13 no.3:152-157 Mr '63.

1. Elektromontazni zavody Praha, n.p., zavod Brno.

NEMECEK, LAMIR, inz.

Economical average of electric conduits in industrial plants.
Normalizace 12 no. 7:200-202 J1'64.

1. Electromontazni zavody National Enterprise Prague, Branch
Enterprise, Brno.

NEMECEK, LUDIR, INC.

Economical section of parallel conductors in industrial enterprises.
Energetika Cz 14 no.8:392-394, 398 Ag '64

1. Elektromontazni zavody Prague National Enterprise, Branch
Enterprise Brno.

NEMER, Louis, 1921; 197 T.M. Josef, 192

Protection of Cytochrome P-450 from degradation
El Tech paper 54 no. 1 52-54 Ja 1966

8/276/63/000/001/018/028
A006/A101

AUTHORS: Němeček, Miloslav, Slavík, Jaroslav

TITLE: A method of manufacturing heat-exchanger ribs from metal strip

PERIODICAL: Referativnyy zhurnal, Tekhnologiya mashinostroyeniya, no. 1, 1963,
37, abstract IV170 P (Czechosl. Patent, cl. 7b, 16/01, no. 100645,
of August 15, 1961)

TEXT: A patent is delivered for a new method of manufacturing heat exchanger ribs. A metal strip is passed through special rolls 1, 2 (Figure 1) producing two-sided corrugation. The corrugation height decreases toward the strip center. The rolls produce along the strip axis a uniform strap of width a (Figure 2). After bending, the strip is cut along the central line 4 of the strap. In this shape the rib is prepared to be wound onto a conducting pipe. There are 2 figures.

V. Kovalenko

[Abstracter's note: Complete translation]

Card 1/2

- ~~NEMEČEK, Miroslav~~ [Nemecek, Miroslav] (Doksy u Makhova ozera, Chekho-
slovakiya)

Tape recorder in physics lessons. Fiz. v shkole 22 no.3:91-92
My-Je '62. (MIRA 15:7)
(Tape recordings in education) (Physics---Study and teaching)

5120-65 HW(3/1975)-3/24(2)/22 P-2/2-1/22 01/007/0/053/010/052/056
 ACCESSION NR: AP 010643

AUTHOR: Kuznetsov, A. (Moscow); Kuznetsov, J. (Moscow)

TITLE: An approximate method of computing heat losses caused by the radiation of the surface of an industrial furnace

SOURCE: Elektrotehnicheskyy obsor, v. 55, no. 10, 1964, 552-556

INDEX TERM: Industrial furnace; heat transfer

ABSTRACT: A graphical solution is presented of problems dealing with heat transfer by convection and radiation from the outer wall to the surrounding air. From these graphs it is possible to read values of maximum heat flow for various temperatures of the furnace casing at an assumed temperature of 20 degrees centigrade of the surrounding air. Values are approximate because of the use of various simplified assumptions. Orig. art. has 2 figures, 20 formulas, 1 graph, 8 tables.

ASSOCIATION: Sovetskoye elektrotexnicheskoye parikent, n.p. (Electrothermal Installations)

1. Kuznetsov, A. A.
 2. Kuznetsov, J. I.
 3. Kuznetsov, J. I.

HW(3/1975)-3/24(2)/22
 P-2/2-1/22

HW(3/1975)-3/24(2)/22
 P-2/2-1/22

MUSIL, V.; NEMECEK, O.; VINTIKA, J.; VEJDELEK, Z.J.

6-aminopenicillin acid derivatives. Pt.3. Coll Cz Chem 29 no.12:
3081-3088 D '64.

1. Forschungsinstitut für Pharmazie und Biochemie, Prague.

3-Chloroacetyl derivatives of barbituric acid. O. Wichterle and O. Nöcker. *Chem. Listy* 27, 105-9 (1942).—By the reaction of $\text{MeCCl:CHCH}_2\text{Cl}$ (I) with compounds containing acidic H, the radical 3-chloroacetyl is attached to org. compds. *R* (3-chloroacetyl)malonate (II): 200 g. I was added portionwise to 40 g. Na in 700 ml EtOH and 320 g. $\text{CH}_2(\text{CO}_2\text{Et})_2$, the mixt. refluxed until fractionated, giving 310 g. II, b.p. 157°, d₄ 1.1015, n_D 1.48284, n_F 1.48581, n_F 1.48890, n_D 1.48544. *Et bis*(3-chloroacetyl)malonate (III): 120 g. I was added to

$\text{NaCH}(\text{CO}_2\text{Et})_2$ from 24 g. Na in 480 ml. EtOH and 160 g. $\text{CH}_2(\text{CO}_2\text{Et})_2$, and when the reaction ceased, the same amt. of NaOEt in EtOH was added, followed by 120 g. I, and the product worked up as above, giving 220 g. 74.8% II, b.p. 172-5°, d₄ 1.1306, n_D 1.47463, n_F 1.47787, n_F 1.48827, n_D 1.49147. Diethylacetic acid, m. 144°, was prepd. from 50 g. II heated with 17 g. Na and 240 ml. EtOH 15 hrs. to 200°. No acetylenic deriv. of malonic acid was isolated. 17-Chloroacetylbarbituric acid (III): NaOEt from 60 g. Na and 615 ml. EtOH , 263 g. I, and 95 g. urea were refluxed 8 hrs. and the crystals III, m. 182° (from water). *But*(3-chloroacetyl)barbituric

acid: 50 g. II, NaOEt from 10 g. Na and 240 ml. EtOH , and 12 g. urea were refluxed 7 hrs. On acidification the mixt. gave 2 isomers, m. 169° (from 50% AcOH), and 176° (from 50% AcOH); the same mixt. was prepd. by agitating 12.5 g. I with 0.4 g. barbituric acid and 100 ml. N NaOH . *Methyl*(3-chloroacetyl)barbituric acid (IV): to 38 g. methylbarbituric acid in 200 ml. N NaOH was added 36.3 g. I, the mixt. stirred in 200 ml. N NaOH was brown oil sep'd., dissolved in NaOH , and decolorized with charcoal; acidification with concd. AcOH gave 31 g. (51%) IV, m. 182° [from $\text{EtOH-H}_2\text{O}$ (2:1) after 4 crystals]; IV was also prep'd. from $\text{Me}(\text{MeCCl:CHCH}_2)_2\text{C}(\text{CO}_2\text{Et})_2$, b.p. 141-3°, obtained from $\text{NaCMe}(\text{CO}_2\text{Et})_2$ and 24.4 g. $\text{MeCH}(\text{CO}_2\text{Et})_2$, 4.5 g. Na, and 60 ml. EtOH was carried out with 48 g. ester, the condensation to IV and 15 g. urea. The following analogs, $\text{R}(\text{MeCCl:CHCH}_2)_2\text{C.CO.NH.CO.NH.CO}$, of IV are described: $\text{R} = \text{Et}$, m. 150° (from water), obtained in 73% yield from 34.5 g. ethylbarbituric acid in 230 ml. N NaOH , 31.2 g. I, 0.5 g. CaSO_4 , and 1 g. KBr vigorously stirred 12 hrs. at 50°, or

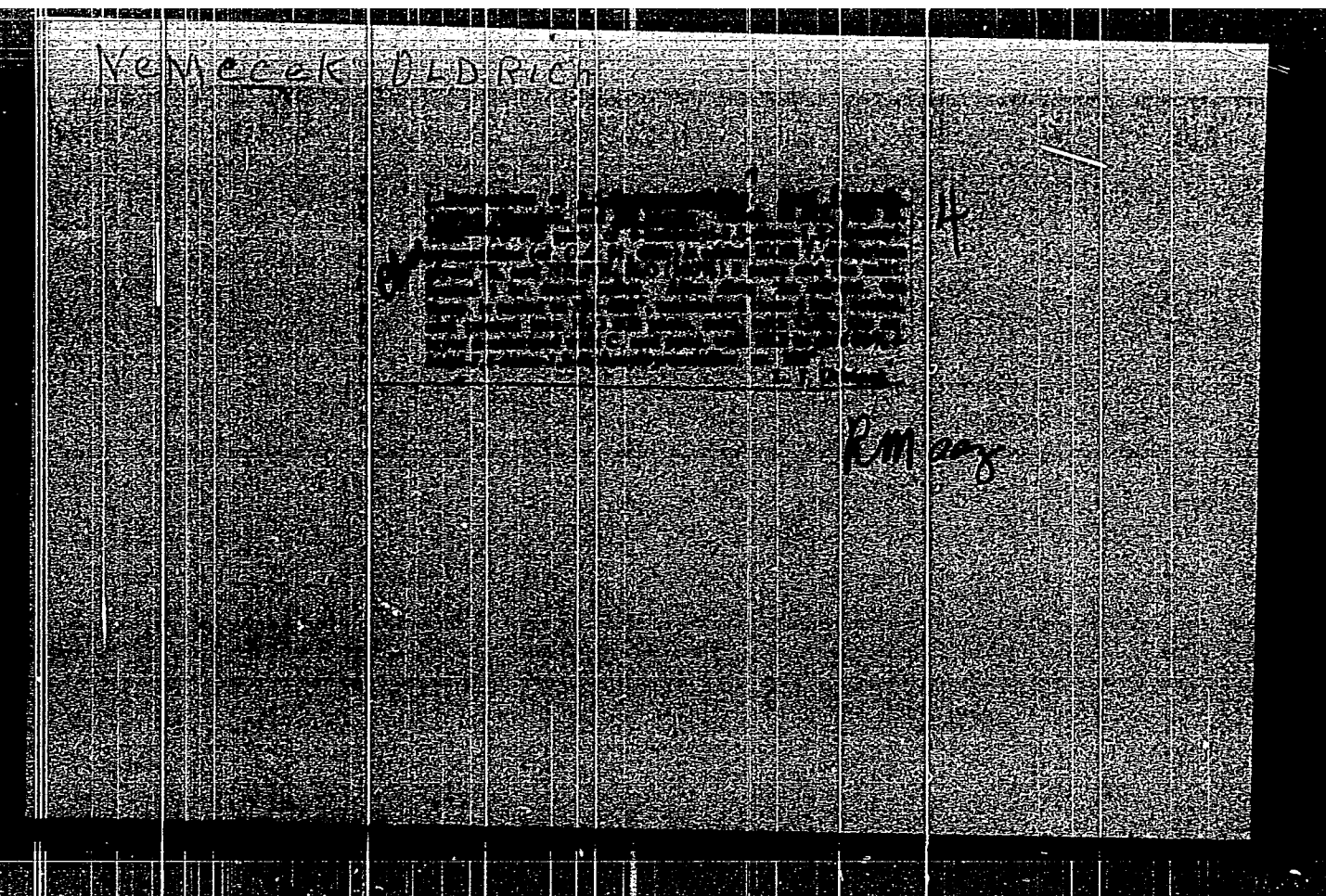
from $\text{Et}(\text{MeCCl:CHCH}_2)\text{C}(\text{CO}_2\text{Et})_2$, b_p 155-60°, and urea in the way described above; *iso-Pr*, m . 160° (from 50% AcOH) (49 g. from 92 g. isopropylbarbituric acid in 540 ml. *N* NaOH, 2 g. KBr, 1 g. CuSO_4 , and 70 g. I stirred 30 hrs. at room temp., or from $\text{Me}_2\text{CH}(\text{MeCCl:CH-CH}_2)\text{C}(\text{CO}_2\text{Et})_2$; Bu , m . 151° (from 50% AcOH) 120 g. from 85 g. butylbarbituric acid in 460 ml. *N* NaOH, 2 g. KBr, and 1 g. CuSO_4 , stirred at 40°, 75.6 g. I added during 1 hr., and the mixt. heated 7 hrs.; *cyclohexyl*, m . 201° (from 50% AcOH), prepd. from 100 g. cyclohexylbarbituric acid and 75 g. I, the crude product being dissolved in NaOH, decolorized, and pptd. with AcOH; *benzyl*, m . 170° (from dil. EtOH), prepd. from 5 g. benzylbarbituric acid in 22.8 ml. *N* NaOH, refluxed with 3 g. I and 3 ml. EtOH 3 hrs.; *cyclohexenyl*, m . 197° (from 50% AcOH), prepd. by refluxing 14 g. Na, 200 ml. EtOH, 18 g. urea, and 70 g. Et α -(3-chlorocrotyl)- α -cyanocyclohexeneacetate (V) 10 hrs., acidifying with HCl, hydrolyzing the cryst. imino deriv. by refluxing with concn. HCl, and purifying the product through the Na salt: V, b_p 185°, was obtained in 70-g. yield from 9.5 g. Na in 150 ml. EtOH, 80 g. Et α -cyanocyclohexeneacetate, and 50 g. I). *S-Isopropyl(3-chlorocrotyl)barbituric acid*, m . above 250° (decompr.), was obtained in 100% yield from 10 g. isopropylthioarbituric acid in 54 ml. *N* NaOH stirred with 7 g. I. *5,5-Diethyl-1-(3-chlorocrotyl)barbituric acid*, m . 93° (from 80% AcOH), from 4 g. veronal in 21.8 ml. *N* NaOH and 10 ml. EtOH stirred with 3 g. I 10 hrs. at 70°, and the oil purified by dissolving in NaOH and acidifying with AcOH.

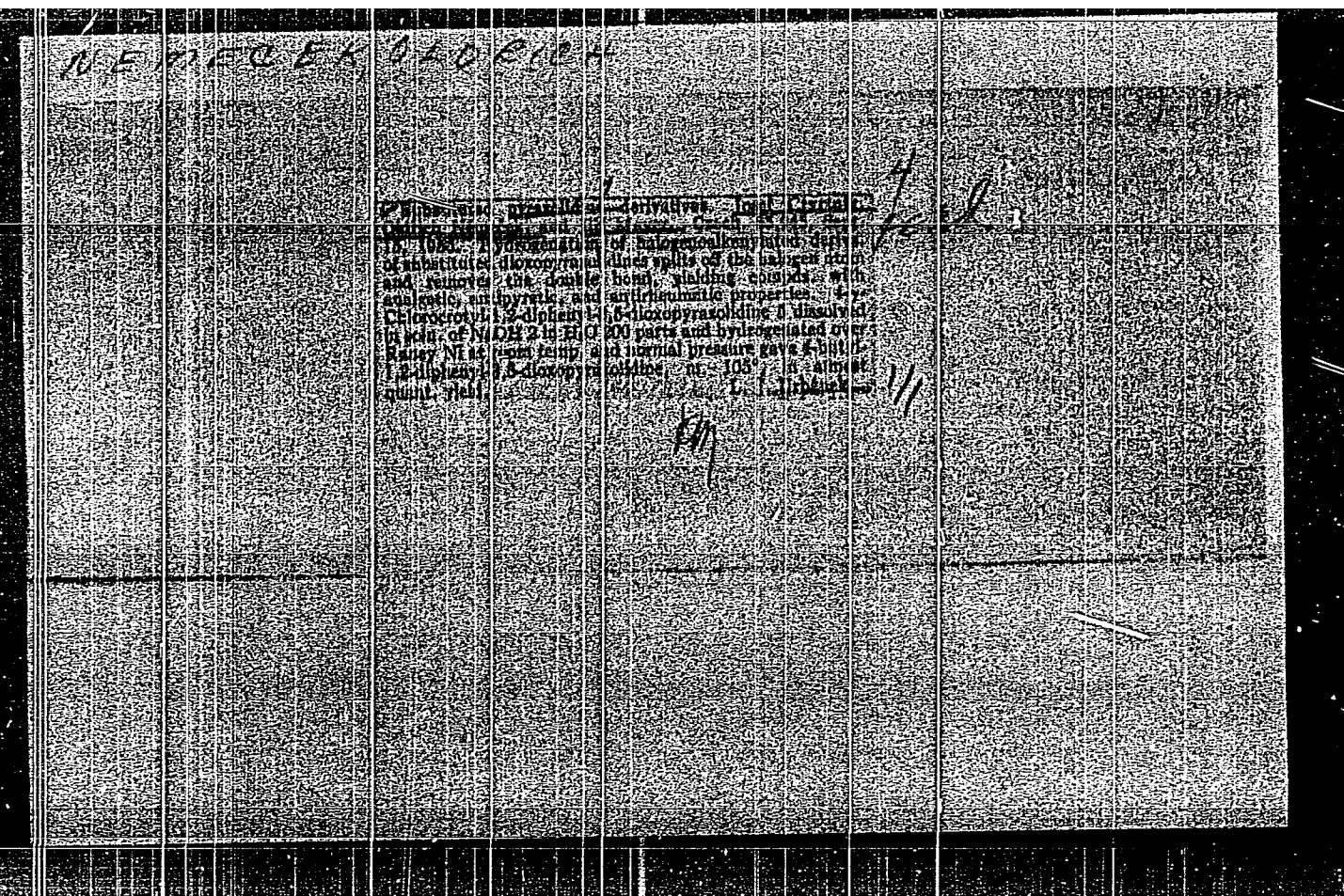
Miles Hudirky

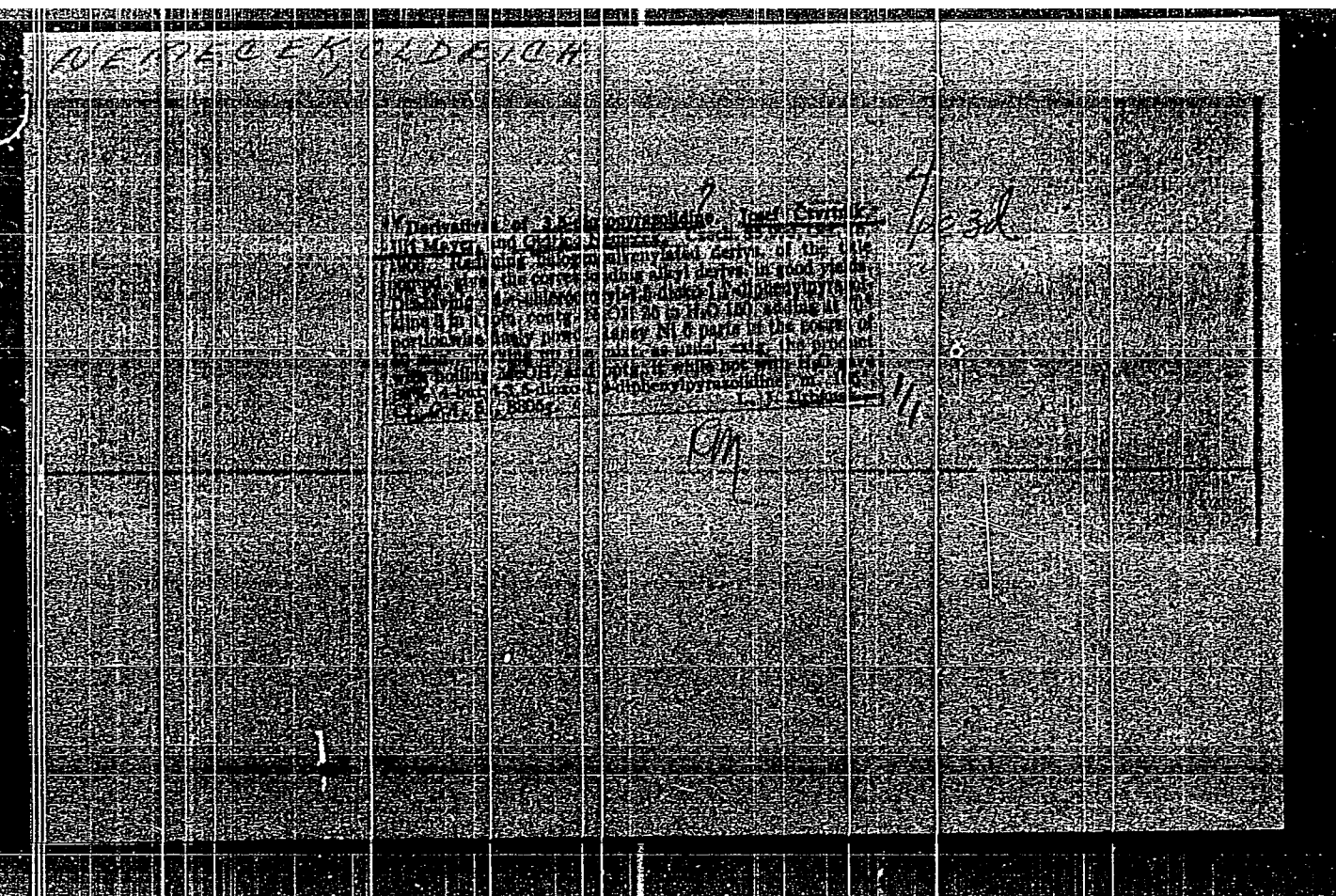
10

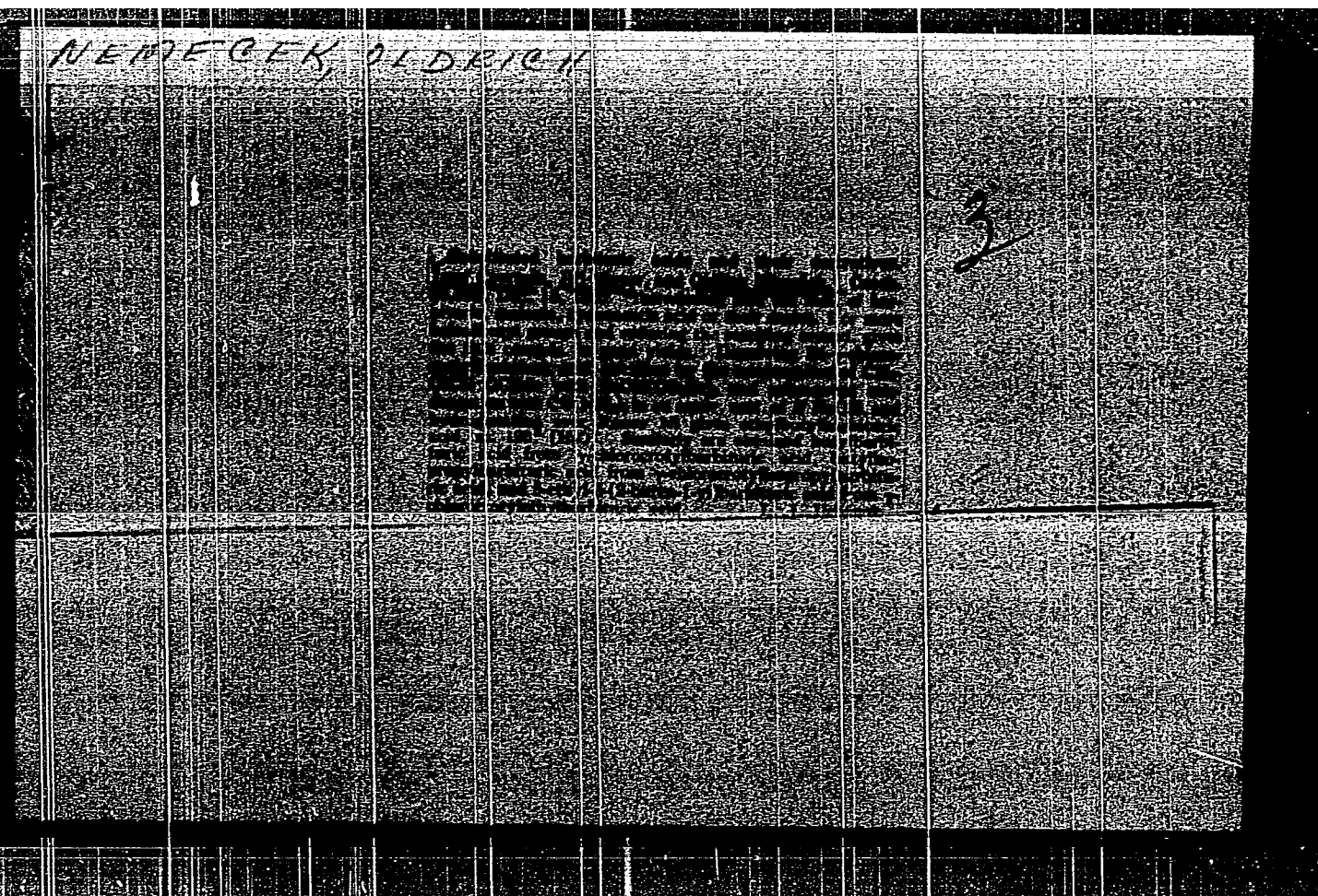
C. A.

[illegible]









CZECHOSLOVAKIA / Organic Chemistry. Synthesis

C-2

Abs Jour: Ref Zhur-Khimiya, No 3, 8338.

Author : Ctvrtnik, Josef., Mayer, Jiri., Nemecek, Oldrich.,
Horakova, Zdena.

Inst : Not given.

Title : New Derivatives of 1,2-Diphenyl-3,5-Diketo-Pyrazolidine.

Orig Pub: Ceskosl. farmac., 1958, 7, No 6, 303-304.

Abstract: Gamma-chlorocrotyl-malonic ester (I) condensed with hydrazo-benzene (II) to 1,2-diphenyl-4-(gamma-chlorocrotyl)-3,5-diketo-pyrazolidine (III), which was also prepared by alkylation of 1,2-diphenyl-3,5-diketo-pyrazolidine with 1,3-dichlorobutene-2 in aqueous alcoholic solution of NaOH. Treatment with H₂SO₄ converts III to 1,2-diphenyl-4-(gamma-ketobutyl)-pyrazolid-

Card 1/2

NEMECEK, O.

Contrast media. Cesk. farm. 11 no.3:148-152 Mr '62.

1. Vyzkumny ustav pro farmacii a biochemii, Praha.
(CONTRAST MEDIA)

VEJDELEK, Z.J.; NEMCEK, C., SIMEK, A.;

Derivatives of 6-aminopenicillanic acid. Pt.1. Coll Cz
Chem 28 no.10:261f-2626 0 '63.

1. Forschungsinstitut für Pharmazie und Biochemie, Prag.

RADEK, O.; NEMECEK, O.

Contrast media. I. Some new ethers of iodinated phenols.
Gesk. farm. 13 no.9:456-459 N '64.

1. Vyzkumny ustav pro farmacii a biochemii, Praha.

VEJDELEK, Z.J.; NEMECEK, O.; MUSIL, V.; SIMEK, A.

6-aminopenicillanic acid derivatives. Pt. 2. Coll Cz Chem 29
no. 3:776-794 Mr '64.

1. Research Institute of Pharmacy and Biochemistry, Prague.

MUSIL, V.; BRUNOVA, B.; NEMCEK, O.

New 1,2,-diphenyl-3,5-dioxopyrazolizine derivatives. Coll.
Cz chem 29 no.7:1669-1674 J1 '64.

1. Forschungsinstitut für Pharmazie und Biochemie, Prague.

KEJHA, J.; RADEK, O.; ~~NEJEDLIK~~, O.

Contrast media. II. Substituted derivatives of N-phenylurea.
Česk. farm. 13 no.9:460-463 N 1964.

1. Vyzkumny ustav pro farmaci a biocemii, Praha.

NEMECEK, O.

Drug research in Czechoslovakia. Cesk. farm. 14 no.6:289-293
Ag '65.

1. Vyzkumny ustav pro farmaci a biochemii, Praha.

CZECHOSLOVAKIA

BRANKA, Z.; STRANDEVA, J.; KUSIL, V.; HREJCEK, O.; Research Institute of Pharmacy and Biochemistry (Vyzkumny Ustav pro Farmaci a Biochemii), Prague.

The Pharmacology and Pharmacology of Benzopyrazon."

Prace Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 407

Abstract: Benzopyrazon is 1-benzoyl-ethyl diphenyldioxypirazolidine. Its pharmacological activity is comparable to that of phenylhydrazine, but its LD 50 is 1,000 mg/kg against 540 mg/kg for phenylhydrazine. Further, it does not cause retention of urine, it is well absorbed, and metabolized. In clinical application it is found effective in the treatment of venous thrombosis and of progressive arthritis. 1 Czech reference. Submitted at 14 Days Pharmacology at Smolenice, 16 Feb 66.

0227 3 14 1A

SWA, D.; KAZ, R.; STANC, Z.; WILKES, O.; Research Institute
of Pharmacy and Biochemistry (Vyzkumny Ustav pro Farmacii a Bio-
chemii, Prague.

Absorption, Distribution, and Excretion of Activity After the
Administration of C¹⁴-Ketobutyrylacetate to Mice."

Starosvetsky, Vysokovskiy, Vol 15, No 5, Sep 66, pp

Abstract: 1,1-diphenyl-4-(gamma-methoxybutyl)-pyrazolidin-3,5-dione was
labeled with radioactive C on the 3rd carbon in the pyrazolidin ring. The
rate of adsorption and excretion and the affinity of individual organs
for the drug are described. The drug has a high affinity for the brain,
and stimulates the synthesis adrenal glands. It has a low affinity for
blood and is transported by the blood. The levels in bones are low.
Western, 1 Czech references. 1 Figure. Submitted at 14 Days of
Pharmacology at Smolenice, 16 Feb 66.

1/1

CZECHOSLOVAKIA

FRIDL, V.; MURAVKA, J.; HANUS, J.; BRZD, L., S.; Research
Institute of Pharmacy and Biochemistry (Vyskumny Ustav pro Far-
macii a Biochemii), Prague.

"Derivatives of Benzopyrazone."

Prague, Czechoslovakian Pharmacy, Vol 15, No 9, Nov 66, pp 460-65

Abstract [Author's English summary modified]: 1) new 4-(halo-
benzoyl-ethyl)-1,2-diphenyl-3,5-dioxypyrazolidines were prepared
using the reaction of quaternary salts of Mannich's bases, de-
rived from the halogenated phenols with 1,2-diphenyl-3,5-
dioxypyrazolidine. Toxicity, analgesic properties, and the ef-
fect on histamine-induced inflammation and experimental diabetes
were investigated. Substitution containing Cl in the 3- or 4- po-
sition have an analgesic activity effect; substitution of 2-phenyl
in the 4- position of 3 or 4 completely removes it.
All 3 compounds had higher toxicity than benzo-
pyrazone. 3,5-dibromos, 12 Western, 6 Czech references.
(manuscript received 17 Jun 66).

1/1

CZECHOSLOVAKIA

CZ/0053/66/015/005/0407/0407

AUTHOR: Horakova, Z. ; Muratova, J. ; Musil, V. ; Nemecek, O.

ORG: Institute for Research in Pharmacology and Biochemistry, Prague (Vyzkumny ustav pro farmacie a biochemii)

TITLE: Chemical origin and pharmacological properties of benzopyrazon

SOURCE: Ceskoslovenska fyziologie, v. 15, no. 5, 1966, 407

TOPIC TAGS: pharmacology, drug, medicine

ABSTRACT: A synthetically prepared 4-benzylethyl derivative called benzpyrazon has been pharmacologically tested and the first clinical reports have been submitted. The source describes the chemical origin and the main pharmacological properties of the drug. The drug has proved effective in the treatment of venous thrombosis chiefly in the inactive stage and of progressive arthritis. [WASO] (KP)

ACC NR: AP6032383

SOURCE CODE: CZ/0053/66/015/005/0407/0407

AUTHOR: Horakova, Z.; Muratova, J.; Musil, V.; Nemecek, O.

ORG: Institute for Research in Pharmacology and Biochemistry, Prague (Vyzkumny ustav pro farmacie a biochemii)

TITLE: Chemical origin and pharmacological properties of benzopyrazon

SOURCE: Ceskoslovenska fyziologie, v. 15, no. 5, 1966, 407

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ABSTRACT: A synthetically prepared 4-benzylethyl derivative called benzpyrazon has been pharmacologically tested, and the first clinical reports have been submitted. The source describes the chemical origin and the main pharmacological properties of the drug. The drug has proved effective in the treatment of venous thromboses chiefly in the inactive stage and of progressive arthritis. [WASO] [KP]

SUB CODE: 06/ SUBM DATE: none/

Card 1/1 vmb

CZECHOSLOVAKIA

RADEK, O.; KEJHA, J.; NEMECEK, O.; KALAC, B.; Research Institute of Pharmacy and Biochemistry (Vyzkumny Ustav pro Farmacie a Biochemii) Prague

APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001136510016-7

"Contrast Media. III. Iodine Derivatives of Substituted Sulfanilamides."

Prague, Ceskoslovenska Farmacie, Vol 16, No 1, Jan 67, pp 34-38

Abstract [Authors' English summary modified]: 3,5-diiodo-4-amino benzenesulfonamides were prepared by iodination of corresponding 4-aminobenzenesulfonamides substituted on the amidic nitrogen. 1,4-Bis-(3-iodo-4-aminobenzenesulfonyl)piperazine, its triiodo derivative, acetyl derivative of 3,5-diiodo-4-aminobenzenesulfonic acid, and 4-dimethylaminomethylbenzenesulfonamide derivatives were also prepared. These materials were tested for antibacterial activity and for possible use in radiography of some organs. 1 Figure, 1 Table, 12 Western references. (Manuscript received 2 May 66).