

ZEMAN, J.

TECHNOLOGY

PERIODICAL: PRZEGŁAD GEOLOGICZNY. Vol. 6, no. 2. Feb. 1958.

ZEMAN, J. Tectonics of the Ostrava-Karvina region. Tr. from the Czech. p. 55.

Monthly List of East European Accessions (EEAI) IC Vol. 8, no. 4
April 1959, Unclass.

ZEMAN, J.

"Problems of the genesis and stratigraphic significance of the conglomerate near Slezska Ostrava Castle in the Upper Ostrava strata."

VESTNIK, ustredni ustav geologicky, Prague, Czechoslovakia, Vol. 33, No. 4, 1958.

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

ZEMAN, J.

"Style of the tectonic structure of the Ostrava Karvina coal basin".

VESTNIK, ustredni ustav geologicky, Prague, Czechoslovakia, Vol. 34, No. 3, 1959.

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

ZEMAN, J

"Types of sedimentation cycles in the coal-bearing strata of the Ostrava-Karvina basin."

VESTNIK, Praha, Czechoslovakia, Vol. 34, no. 4. 1959

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Sept 59
Uncles

CZECHOSLOVAKIA

ZEMAN, J.

Coal Institute (Uhelny pruzkum), Ostrava

Prague, Casopis pro mineralogii a geologii, No 2, 1964, pp
203-206

"Mediotype Tectonics in Relation to the Development of the
Carboniferous in Ostrava-Karvina District."

BR. DA, Frantisek; ZEMAN, Jaroslav

Geologic conference of the Uhelný průzkum National Enterprise
in Ostrava. Geol průzkum 7 no.1:19-20 Ja '65.

ZEMAN, Jaroslav

- Mediotype tectonic pattern and its relation to the carbon development in the Ostrava-Karvina coalfield. Gas min geol 9 no.2:203-207 '67.

1. Uhelný průzkum, Ostrava.

CYPRIAN, Karel, inz.; CERNY, Vaclav, inz.; ZEMAN, Jiri, inz.

Flow measurement of aggressive gaseous substances by an ejector.
Automatizace 7 no.8:207-210 Ag '64.

1. Research Institute of Organic Syntheses, Pardubice - Rybitvi.

ZEMANEK, J., inz.

"Exercises in gas dynamics" by K.Gawatisch, R.Schwarzenberg.
Reviewed by J.Zemanek. Strojirenstvi 14 no.5:398 My '61.

"Absorption, distillation and cooling towers" by W.S.Norman.
Reviewed by J.Zemanek. Ibid.:398-399

ZEMAN, Josef, inz.

Design for a bridge over the English channel between Calais and
Dover. Inz stavby 12 no.10:465-467 0 '64.

ZEMAN, Jozef, inz.

Special steel pipe structures for roofs of large-dimensional sports halls. Inz i bud 21 no.11:372-377 N '64.

1. "Hutni projekt" State Designing Office, Prague.

ZEMAN, J.

Information and the brain. Aktiv. nerv. sup. 5 no. 4: 431-436
1963.

1. Filosofický ústav CSAV, Praha.

*

CZECHOSLOVAKIA

SVOBODA, V; ZEMAN, J.

Coal Location Station (Uhelny pruzkum), Ostrava (for both)

Prague, Vestnik ustredniho ustavu geologickeho, No 6, 1963,
pp 415-417

"Geothermic ^Conditions in the Carpathian Foredeep in
Northeast Moravia."

ERIC, P.; MALIS, F.; KECLIK, M.; ZEMAN, J.; technicka spoluprace JARNIKOVA, B.

Diagnosis of altered patency of the extrahepatic bile ducts and differentiation of parenchymatous liver lesions by means of bromsulphaloin test with duodenal intubation. Cas. lek. cesk. 101 no.38:1154-1158 21 S '62.

1. Gastroenterologické pracoviště fakulty všeobecného lékařství KU v Praze a interní oddělení fakultní polikliniky v Praze, přednosta prof. dr. K. Herfort, Ústřední laborator fakultní polikliniky v Praze, přednosta doc. dr. J. Homolka.

(LIVER FUNCTION TESTS) (SULFOBROMOPHTHALEIN)
(BILE DUCTS) (HEPATITIS) (LIVER CIRRHOSIS)

ANDROVIC, A.; SKODACEK, P.; GOTFRYD, O.; LEJDAR, Z.; ZEMAN, J.; HERMANEK, S.;
JANCEKOVA, G.

Discussion on the interlaminar solution of laminar syndromes and the
course of re-education. Cas.lek.cesk 100 no.46:1444-1448 17 N '61.

1. Neurolog. a rehabilitac. odd. Cs. st. kupelov Piestany ako aj
chirurg. klinika v Brne, prednosta prof. dr. Podlaha a VKU Piestany.

(SPINE dis)

CZECHOSLOVAKIA

ZEMAN, J.: Institute of Philosophy, Czechoslovak Academy of Sciences (Filosoficky Ustav CSAV) in Prague.

"Information and the Brain."

Prague, Activitas Nervosa Superior, Vol 5, No 4, 1963, pp 431-435

Abstract: By combining physiology of the brain, mathematics and linguistics it should be possible to arrange mathematical models of brain processes; these would facilitate the projection of objective facts and their subjective interpretation by man. This program will require a tremendous amount of effort and should lead to the formation of the universal language on a deeply scientific basis. No references.

1/1

- 9 -

ZEMAN, Jan

Some problems in granting bonuses to workers. Prace mzda 11
no.8:358-361 Ag '63.

1. Vinarske zavody, n.p., Bratislava.

BRADA, Frantisek; ZEMAN, Jaroslav

Conference on the survey of black coal deposits. Geol pruzkum
6 no. 6:190 Je '64.

ZEMAN, Jaroslav

Conference of geologists of the Ostrava Coal Survey. Geol
Bruzum 6 no.5:157 My '64.

ZĚMAN, Jaroslav, dr.

An alternating current laminate locomotive. Zel dop tech 12
no.5:118-119 '64.

SVOBODA, Vlastimil; ZEMAN, Jaroslav

Disharmony of the fold structure of the productive Carboniferous
in the Ostrava-Karvina region. Kwartalnik geol 7 no.1:95-113 '63.

1. Vedecko-vyzkumne stredisko pri Uhelnem pruzkumu v Ostravie.

ZEMAN, Jaroslav

"Geology of coal deposits" by V.Havlena. Pt.1. Reviewed by
Jaroslav Zeman. Vest ust geol 39 no.2:93-94 Mr'64

SVOBODA, Vlastimil; ZEMAN, Jaroslav

Origin of foldings shown on the example of the Michalkovice folding in the Ostrava-Karvina coal basin. Gas min geol 8 no.3:256-265 J1 '63.

1. Uhelny pruzkum, Ostrava - Hrabova.

CZECHOSLOVAKIA

ZEMAN, Jaroslav, Dr of Veterinary Medicine, Institute for Zoo-hygiene (Ustav pro zoohygienu), Faculty of Veterinary Medicine (Veterinarni fakulta), VSZ [Vysoka skola zemedelska; Higher School of Agriculture], Brno, L. CERNY, Dr of Veterinary Medicine, director.

"A Study of the Microclimate in the Four-Row Cow Barn of the 166-1 Type"

Prague, Veterinarni Medicina, Vol 8(XXXVI), No 5, October 1963, pp 377-386.

Abstract [Author's German summary, modified]: A study lasting 18 months proved that the cow barn preserves relatively favorable heat conditions in relation to atmospheric changes. The microclimate was rather sensitive to freezing temperatures and wind. An attempt by the keepers to close all windows produced a higher humidity, slower air flow, higher CO₂ content, and condensation of vapor on walls. Individual shortcomings in the design of the cow barn are analyzed and improvements suggested, including automation of ventilation. Thirteen references, including 12 Czech and 1 Slovak.

1/1

KREJCI, Bretislav; SVOBODA, Vlastimil; ZEMAN, Jaroslav

Contribution to the tectonics of the Ostrava Basin. Prir cas
slezsky 23 no.2:145-160 '62.

ZEMAN, Jaroslav, promovany geolog

Problems of the geologic study of upper beds of coal seams in Ostrava-Karvina coal district. Uhlí 3 no.11:366 N '61.

1. Uhelny průzkum, n.p., Ostrava.

ZEMAN, Josef, inz., dr.

Hungarian modern geodetic instruments. Geod kart obzor 7 no.12:
230-237 D '61.

1. Vysoke uceni technicko, Brno.

(Geodesy) (Measuring instruments)

CZECHOSLOVAKIA/Human and Animal Viruses. Grippe Virus

E

Abs Jour : Ref Zhur - Biol., No 4, 1959, No 1461⁷

Author : Mensik J., Cerny L., Zeman J.

Inst : -

Title : Intrauterine Transmisssion of the Influenza Virus in Swine

Orig Pub : Veterin. casop., 1957, No 6, 6, 455-465

Abstract : A virus was demonstrated by infection of chicken embryos in the amniotic fluid and membranes and also in the mucosa of the uterus of experimentally or spontaneously infected pregnant sows. Two healthy piglets were successfully infected with amniotic fluid and with the extract of membranes which demonstrate the possibility of infection of healthy animals through contact with amniotic fluid and membranes of diseased animals. The influenza virus was demonstrated in the pericardial fluid of a sick piglet within 24 hours

Card : 1/2

CZECHOSLOVAKIA/Human and Animal Viruses. Grippe Virus

E

Abs Jour : Ref Zhur - Biol., No 4, 1959, No 14617

following its birth and in the lungs, lymph nodes and in the pericardial exudate of a 12 day old piglet. The source of the infection in both cases could only be the mother-sow. It is the opinion of the authors that influenza may run its course as a viremia, without local symptoms: the virus may not manifest pneumotropic characteristics; apparently healthy sows may serve as a source of infection. A.S. Gorbunova.

Card : 2/2

- 10 -

ZEMAN, J.

Atomic age in building. p. 386.

INZENYRSKE STAVBY. Praha, Czechoslovakia, Vol. 3, no. 9, Sept. 55.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960
Uncl.

ZEMAN. J.

Power distribution control by means of selector systems. p. 526.

ENERGETIKA. Praha, Czechoslovakia. Vol. 9, no. 10, Oct. 1959.

Monthly list of East European Accessions (EEAI) LC. Vol. 9, no. 2, Feb. 1960
Uncl.

ZEMAN, J.

A conference on corrosion from the viewpoint of a civil engineer. p. 471.

INZENYRSKE STAVBY. Praha, Czechoslovakia. Vol. 3, no. 11, Nov. 1955.

Monthly list European Accessions (EEAI) LC., Vol. 9, no. 2, Feb. 1960
Uncl.

ZEMAN, J.; ELIAS, M.

The diagonal folding in the Ostrava-Karvina Coal Basin. p. 339

Prague. Ustredni ustav geologicky. VESTNIK. Praha, Czechoslovakia, Vol. 33, no. 5
1958

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

ZEMAN, J.

Thickness of the coal bearing Carboniferous of the Upper Silesian basin and its
Czechoslovak part. p. 16

Prague. Ustredni ustav geologicky. VESTNIK. Prague, Czechoslovakia, Vol. 34,
no. 1, 1959.

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

ZEMAN, JAROSLAV

ROTH, Zdenek
SURNAME (in caps); given Names
Country: Czechoslovakia
Academic Degree: /not given/
Affiliation: Central Institute of Geology (Ústřední Ústav geologický),
Prague.
Source: Věstník Ústředního Ústavu Geologického, Vol XXXVI,
No 2, 1961, pp 307-309.
Data: Theses on the Explanation of the Geological Map 1:200,000,
Sheet Ostrava , M-34-XIX."
Coauthors:
ZEMAN, Jaroslav, /presumably/ Coal Prospecting (Uhelný
průzkum), Ostrava.
JURKOVA, Alena, /presumably/ Coal Prospecting (Uhelný
průzkum), Ostrava.

ZEMAN, JAROSLAV

~~ROTH, Zdenek~~

SURNAME (in caps); Given Names

Country: Czechoslovakia

Academic Degrees: /not given/

Affiliation: Central Institute of Geology (Ustredni Ustav geologicky),
Prague.

Source: Prague, Vestnik Ustredniho Ustavu Geologickeho, Vol XXXVI,
No 2, 1961, pp 307-309.

Data: "Theses on the Explanation of the Geological Map 1:200.000,
Sheet Ostrava, M-34-XIX."

Coauthors:

ZEMAN, Jaroslav, /presumably/ Coal Prospecting (Uhelny
pruzkum), Ostrava.

JURKOVA, Alena, /presumably/ Coal Prospecting (Uhelny
pruzkum), Ostrava.

175

SVOBODA, Vlastimil, inz.; ZEMAN, Jaroslav, promovany geolog

Forecast of depth temperatures in the Ostrava Carboniferous strata.
Uhli 6 no.11:367-370 N '64.

1. Uhelny pruzkum, Ostrava-Hrabova.

ZEMAN, Jaroslav, MVDr.

Study of the microclimate in the 166-1 type four-row barns. Veter
medicina 8 no.5:377-386 O '63.

1. Institute of Zoohygiene of the Faculty of Veterinary Medicine
of the Higher School of Agriculture, Brno. Head of the Chair [doc.
MVDr.] L.Cerny.

ZEMAN, Josef, inz.

International conference on mass production of steel structures.
Poz stavby 12 no.10:451 '64.

CZ/0067/66/000/004/0193/0198

CZECHOSLOVAKIA

AUTHOR: Vojtechovsky, K.; Sourek, J.; Zeman, K.

ORG: Epidemiology and Microbiology Institute, Prague (Ustav epidemiologie a mikrobiologie)

TITLE: Autoradiographic detection of radioisotope I¹³¹-labeled toxoplasma antigen in a precipitating system

SOURCE: Ceskoslovenska epidemiologie, mikrobiologie, imunologie, no. 4, 1966, 193-198

TOPIC TAGS: radioisotope, antigen, autoradiographic detection, toxoplasma gondii, human serum, animal serum, specific gel diffusion, antibody, serum, autoradiography, iodine

ABSTRACT:

An attempt was made to detect *Toxoplasma gondii* antibodies in human and animal sera using Ouchterlony's technique of specific gel diffusion. The results indicated that serum extract from mice was suited for the basic types of precipitation reaction in the antigen-antibody system. This antigen could be labeled with I¹³¹ and detected by autoradiography. The use of the autoradiographic technique increased the sensitivity and accuracy of immunochemical analysis in agar gel in some cases. [WA-50; CBE No. 11] -

1/1

ZEMAN, K.; ROTTA, J.

Radiophosphorus labeling of beta-hemolytic Streptococcus and its detection following experimental infection. Cesk. epidem. mikrob. imun. 298-305 Sept 58.

1. Ustav epidemiologie a mikrobiologie v Praze.

(STREPTOCOCCUS,

beta-hemolytic strains, radiophosphorus labeling & detection in exper. infect. (Cz))

(PHOSPHORUS, radioactive,

labeling beta-hemolytic Streptoc. (Cz))

ZEMAN, K.; BENES, J.

Autoradiography of *β*-hemolytic streptococci with labelled P32.
Cesk. epidem. 12 no.1:31-36 Ja '63.

1. Ustav epidemiologie a mikrobiologie v Praze — Radiologicka
dozimetrie UJV CSAV.

(RADIOAUTOGRAPHY) (PHOSPHORUS ISOTOPES) (STREPTOCOCCUS)
(SULFUR ISOTOPES)

ZEMAN, K.; SOUREK, J.

Utilization of autoradiography in the analysis of the
antigen-antibody precipitation systems. Cesk. epidem.
14 no.5:270-279 S '65.

1. Ustav epidemiologie a mikrobiologie, Praga.

42317

S/123/62/000/022/002/003
A004/A101

1.1600

AUTHORS: Čech, Bohuslav, Zeman, Karel

TITLE: Manufacturing parts of heat-resistant alloys by powder metallurgy methods

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 22, 1962, 30, abstract 22B153P (Czechoslovakian Patent, Class 40 b, 2, No. 99738, May 15, 1961)

TEXT: A method is patented which consists in that the part is formed from powdered heat-resistant materials (e.g., carbides, nitrides, borides, silicides, oxides) or their mixtures, and is then impregnated for binding with relatively low-melting metals, e.g., cobalt, nickel. An example is presented in manufacturing the blades of a steam turbine. The turbine blade model 1 (see Fig.) was made of TiC powder of 2 μ grain size and a 12% (by weight) mixture of beeswax, paraffin and synthetic wax; a cylinder of the binding alloy 2 is placed on the model. Mixture 3 consisting of 80% Al₂O₃ of 1 mm grain size and 20% Al₂O₃ of 2 μ grain size was filled in around the blade. Heating starts after a 0.1 mm

Card 1/3

Manufacturing parts of heat-resistant alloys by

S/123/62/000/022/002/003
A004/A101

Hg vacuum is produced. The first heating stage at 200°C lasts 3 h and is intended for burning out the paraffin-wax binder. During the second stage, the temperature is raised to 1,400°C and held for 30 min. During this period the binding alloy 2 is melted and diffuses into the pores of the turbine blade. This is followed by rapid cooling. Heating can be effected also by the induction method.

S. Palestin

[Abstracter's note: Complete translation]

Card 2/3

ZEMAN, Karel (Toplice lazne v Czechach)

Insulator cleaner. Energetika Cz 14 no.6s311-312 Ja '64

ZEMAN, Karel

"Planetary gears and transmissions" by Hugo Klein. Reviewed
by Karel Zeman. Stroj vyr 10 no.10:535 0 '62.

ERNEY, G., dipl., inz. (Budapest); ZEMAN, K., dr., inz. [translator]

Calculating and checking the modification of gears with involute
straight teeth. Strojirenstvi 12 no.4:257-261 Ap '62.

ZEMAN, K.; TOMANEK, R.

Ototoxicity of dihydrostreptomycin, neomycin and kanamycin. Cas. Lek. Cesk. 101 no.12:366-369 23 Mr '62.

1. Otolaryngologická klinika lékařské fakulty KU v Praze, přednosta prof. dr. Karel Sedláček.

(NEOMYCIN toxicol) (ANTIBIOTICS toxicol)
(STREPTOMYCIN rel cpds)

ZEMAN, Karel (Praha 2, U nemocnice 2.)

Toxic effect of neomycin on the 8th nerve. Cas. lek. cesk. 97 no.26:
812-815 27 June 58.

1. Otolaryngologická klinika Karlovy university v Praze. Prednosta:
akademik Ant. Precechtel.
(NEOMYCIN, inj. eff.
hearing disord. (Cz))
(HEARING DISORDERS, etiol. & pathogen.
neomycin (Cz))

ZEMAN, K.; TOMANEK, R.; VOLDRICH, L.

Further contributions to toxic effects of neomycin on the organ of hearing. Cas.lek.cesk 99 no.51:1592-1596 16 D '60.

1. Otolaryngologicka klinika KU v Praze, prednosta akademik Antonin Precechtel.

(DEAFNESS etiol) (NEOMYCIN toxicol)

ZEMAN, Karol, inz. dr.

"Tables of functions for calculation of gears" by K.
Stolze. Reviewed by Karel Zeman. Stroj vyr 11 no.
12: 641 '63.

ZEMAN, Karel

Diagnosis and modern therapy of laryngeal tuberculosis. (Experiences with the diagnosis and therapy of 160 patients in the clinic of Academician Precechtel). Cas.lek.cesk 99 no.51:1596-1603 16 D '60.

1. Otolaryngologická klinika KU v Praze, prednosta akademik Antonin Precechtel.

(TUBERCULOSIS LARYNGEAL)

85179

15.2220

Z/034/60/000/012/015/015
E073/E535

AUTHORS: Čech, B., Engineer and Zeman, K., Engineer ✓

TITLE: Method of Producing Carbide Heat Resistant and Abrasion
Resistant Chromium Carbide Base Material
(Patent Class 40b, 17, PV 1457-60, 4.3.1960)

PERIODICAL: Hutnické listy, 1960, No.12, p.984

TEXT: In the material the growth of crystalline grains at
elevated temperatures is stabilized. The mixture of chromium
carbides Cr_3C_2 and Cr_7C_3 in the ratio 99:1 up to 50:50
(90:10 is best) and nickel or nickel alloys in quantities between
2 and 40% (preferably 10 to 15%) is stabilized by adding individually
or in combination the following carbides: WC, TiC, Mo_2C , TaC, NbC,
VC in quantities of 1 to 10% (preferably 3 to 5% of the weight of
the mixture) so that the grain growth increases by not more than
double at temperatures up to 1300°C with insignificant changes in
the mechanical properties. Prior to pressing, the initial mixture
is treated with an addition of an organic substance which decomposes
at 500°C leaving behind finely distributed carbon. On heating to a
higher temperature, this carbon becomes dissolved and combines with
with the metals present in such a way that the content of free carbon
Card 1/1 will not exceed 0.1%.

ROTTA, J.; ZEMAN, K.

Clearance of beta hemolytic streptococci labeled with P32 from the blood and their distribution in the reticuloendothelial organs in mice after experimental infection. Cesk.epidem.mikrob.imun.9 no.8:509-516 N°60.

1. Ustav epidemiologie a mikrobiologie v Praze.
(STREPTOCOCCAL INFECTIONS exper)
(RETICULOENDOTHELIAL SYSTEM physiol)

ZEINMAN, K.

1. "The first meeting" by THE EDITOR is reported from ZEINMAN pp 10-11.
2. "The first meeting" by THE EDITOR is reported from ZEINMAN pp 10-11.
3. "The first meeting" by THE EDITOR is reported from ZEINMAN pp 10-11.
4. "The first meeting" by THE EDITOR is reported from ZEINMAN pp 10-11.
5. "The first meeting" by THE EDITOR is reported from ZEINMAN pp 10-11.
6. "The first meeting" by THE EDITOR is reported from ZEINMAN pp 10-11.
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8. "The first meeting" by THE EDITOR is reported from ZEINMAN pp 10-11.
9. "The first meeting" by THE EDITOR is reported from ZEINMAN pp 10-11.
10. "The first meeting" by THE EDITOR is reported from ZEINMAN pp 10-11.

ACC NR: AP6026989

(A)

SOURCE CODE: CZ/0067/66/000/004/0193/0198

AUTHOR: Vojtechovsky, K.; Sourek, J.; Zeman, K.

ORG: Epidemiology and Microbiology Institute, Prague (Ustav epidemiologie a mikrobiologie)

TITLE: Autoradiographic detection of radioisotope I^{131} -labeled toxoplasma antigen in a precipitating system

SOURCE: Ceskoslovenska epidemiologie, mikrobiologie, imunologie, no. 4, 1966, 193-198

TOPIC TAGS: radioisotope, antigen, autoradiographic detection, toxoplasma gondii, human serum, animal serum, specific gel diffusion, antibody, serum, autoradiography, iodine

ABSTRACT:

An attempt was made to detect *Toxoplasma gondii* antibodies in human and animal sera using Ouchterlony's technique of specific gel diffusion. The results indicated that serum extract from mice was suited for the basic types of precipitation reaction in the antigen-antibody system. This antigen could be labeled with I^{131} and detected by autoradiography. The use of the autoradiographic technique

Card 1/2-

ACC NR: AP6026989

increased the sensitivity and accuracy of immunochemical
analysis in agar gel in some cases. [WA-50; CDE No. 11] -

SUB CODE: 06/ SUBM DATE: 14Feb65/. ORIG REF: 008/ OTH REF: 011

Card 2/2

SKERIK, P.; ZEMAN, K.; KONECNY, L.

Laryngeal precancer. Cesk. otolaryng. 14 no.6:355-360. D '65.

1. Otolaryngologická klinika fakulty všeobecného lékařství
Karlovy University v Praze (prednosta prof. dr. K. Sedláček)
a Otolaryngologické oddělení fakultní polikliniky v Praze 2
(vedoucí doc. dr. K. Zeman, CSc.).

18.1200

85907
Z/034/61/000/001/019/021
E073/E535

AUTHOR: Zeman, K., Engineer

TITLE: Manufacture of Tool Components and Instruments from the Alloy CRV 18

PERIODICAL: Hutnické listy, 1961, No.1, p.67

TEXT: Increasing demands are being made for materials which will withstand at higher temperatures high mechanical stresses, abrasion, oxidation and the effect of chemical media. These requirements are met by compounds of metals of the fourth, fifth and sixth groups of the periodic system with carbon, silicon, nitrogen and boron. The alloy CRV ($\text{Cr}_3\text{C}_2 + \text{WC} + \text{Ni}$) is outstanding inasmuch that above 600°C it has an adequate hardness, a sufficient resistance to abrasion and oxidation. It is promising for high temperature applications (up to 1000 to 1100°C) in an oxidizing atmosphere under compression loads, exposure and abrasion, erosion and corrosion. In tests with extrusion of non-ferrous metals and alloys dies of the CRV alloy have a service life between twice and five times as high as dies made of the special alloy "Kaptor". Use of the CRV alloy enables carrying out mechanical tests in compression, hardness measurement, hot bending tests etc.

Card 1/2

85907

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E073/E535

Manufacture of Tool Components and Instruments from the Alloy CRV at higher temperatures. Due to its outstanding resistance to the effects of chemical reagents, its use is being extended to components of equipment and pumps for the chemical industry. The material was developed by the Powder Metallurgy Research Institute, Vestec, Nr. Prague. (Task No. 59-017-OR/V). IX

ASSOCIATION: Výzkumný ústav pro práškovou metalurgii, Vestec u Prahy
(Powder Metallurgy Research Institute, Vestec, Nr. Prague)

Card 2/2

ZEMAN, K.

Report on the meeting of the ISO/TC 60 Group for Standardization of Gears.

P. 535, (Strojirenstvi) Vol. 7, no. 7, July 1957, Praha, Czechoslovakia

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

ZEMAN, K.; TICHY, St.

Antibiotic therapy and the incidence of complications in the temporal bone in acute otitis media. (Review of operations performed during 10 years from 1948 to 1957). Cesk.otolar. 9 no.2:75-83 '60.

1. Otolaryngologicka klinika University Karlovy v Praze, prednosta akademik prof. Antonin Precshtel.

(OTITIS MEDIA compl.)

(MASTOIDITIS etiol.)

(ANTIBIOTICS ther.)

ZEMAN

SEDLACEK, Karel, Dr.; ZEMAN, Karel, Dr.

Audiological findings in tick meningoencephalitis. Cesk. otolar 7 no.6:
332-337 Dec 57.

1. Otolaryngologická klinika KU v Praze, přednosta akademik Ant.
Precechtel. K. S., Praha 2, U nemocnice 2.

(MENINGOENCEPHALITIS, manifest.

audiol. disord. in tick meningoencephalitis (Cz))

(HEARING DISORDERS, etiol. & pathogen.

tick meningoencephalitis (Cz))

ZEMAN, Karel

Tonsillogenous thrombosis of the cavernous sinus. Cesk. otolar.
5. no.6:335-339 Dec 56.

1. Z Otolaryngologicke kliniky KU v Praze, prednosta akademik
Ant. Precechtel.

(VEINS, CRANIAL SINUSES, dis.

thrombosis, tonsillogenous, of cavernous sinus (Cz))

(THROMBOSIS

tonsillogenous, of cavernous sinus (Cz))

(TONSILS, dis.

focal infect. causing thrombosis of cavernous sinus (Cz))

POSPISIL, A., Dr.; TICHY, S., Dr.; ZEMAN, K., Dr.

Clinical picture of acute otitis media in the era of antibiotics; observation on 200 cases during 1952-54. Cas. lek. cesk. 94 no.47-48:1289-1294 25 Nov 55.

1. Z otolaryngologicke kliniky KU v Praze. Prednosta:
akademik Ant. Precechtel.

(OTITIS MEDIA, therapy,
antibiotics.)

(ANTIBIOTICS, therapeutic use,
otitis media.)

ZEMAN, Karel, MUDr.

Further considerations on toxic effect of streptomycin on the
eight nerve. Cas. lek. cesk. 95 no.3:70-73 20 Jan 56.

1. Z otolaryngologicke kliniky PU. Prednosta akademik
A. Precechtel.

(NERVES, ACOUSTIC, diseases,
streptomycin-induced lesions)
(STREPTOMYCIN, injurious effects,
acoustic nerve lesions)

ZEMAN, Karel, Dr.; HLASIVCOVA, Vlasta, Dr.

Experience with domestic streptomycin in diseases of the
otorhinolaryngological region. Cas. lek. cesk. 94 no.47-48:
1294-1299 25 Nov 55.

1. Z otolaryngologicke kliniky KU v Praze. Prednosta: Akademik
Ant. Precechtel.

(STREPTOMYCIN, therapeutic use,
otorhinolaryngol. dis., comparison of Czech. & for.
prod.)

(OTORHINOLARYNGOLOGY,
otorhinolaryngol. dis., ther., streptomycin,
comparison of Czech. & for. prod.)

ZEMAN, Karel, As.dr.

Toxic effect of streptomycin on the eighth nerve. Cas.lek.cesk.
91 no.6:171-177 8 Feb 52.

1. Z otolaryngologicke kliniky university Karlovy. Prednosta:
prof. dr. A.Precechtel.

(STREPTOMYCIN, injurious effects,
vestibular disord.)

(NERVES, ACOUSTIC, eff. of drugs on,
streptomycin)

(VESTIBULAR APPARATUS, diseases,
disord. caused by streptomycin ther.)

18.1200

40580

S/137/62/000/008/017/065
A006/A101

AUTHORS: Čech, Bohuslav, Zeman, Karel

TITLE: A method of preparing heat and wear resistant materials on chromium-carbide base

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 8, 1962, 52, abstract 8G364 P (Czech. patent no. 99283, April 15, 1961)

TEXT: It is proposed to alloy a mixture of Cr carbides (Cr_3C_2 and Cr_7C_3 in a 99 : 1 up to 50 : 50 ratio, optimum ratio - 90 : 10) and a Ni-binder admixture (2 - 40%, usually 10 - 15%) with W, Ti, Mo, Ta, Nb, V carbides (in a 1 - 10%, or preferably 3 - 5% quantity). These admixtures reduce grain growth during sintering and raise strength characteristics. Prior to pressing an organic binder is introduced to the charge; sintering is performed at 1,300 - 1,340°C.

R. Andriyevskiy

[Abstracter's note: Complete translation]

Card 1/1

ZEMAN, Karel; TOMANEK, Rostislav

Ototoxicity of dihydrostreptomycin, neomycin and kanamycin. Cas.
lek. cesk. 101 no.27:853-855 6 JI '62.

1. Otolaryngologická klinika fakulty všeobecného lékařství KU v Praze,
prednosta prof. dr. K. Sedláček.

(NEOMYCIN toxicol) (KANAMYCIN toxicol)
(STREPTOMYCIN rel cpds)

L 44796-66 T WW/DJ/WE

ACC NR:AP6020189

(A)

SOURCE CODE: CZ/0078/66/000/002/0022/0022

INVENTOR: Zeman, Karel (Leplice)

29
B

ORG: none

TITLE: (A pump^v or compressor for motor vehicles) CZ Pat. No. PV 1751-65. Class 59

SOURCE: Vynalezky, no. 2, 1966, 22

TOPIC TAGS: vehicle component, compressor, pump

ABSTRACT: A pump or compress is described designed especially for motor vehicles which has a piston driven by the motor vehicle combustion engine. The pump consists of a cylinder, a valve gear positioned in the rear cover of the cylinder, and a transversable piston with a piston rod passing through it. The distinguishing feature of the device is that the flap valve of the suction and delivery valve are positioned on the arms of a sliding cradle through which the pump or compressor piston rod passes through a center opening. At the same time, in a center recess of the sliding cradle the driving, friction areas are set.

SUB CODE: 13/ SUBM DATE: 17Mar65

Card 1/1

blg

EXCERPTA MEDICA Sec 15 Vol 9/7 Chest Dis. July 56
1706. NEJEDLÁ Zd. and ZEMAN L. Z. Ust. pro péči o matku a dítě, Praha. *Inokula-
ce BCG kmene při injekční léčbě penicilinem. Inoculation of BCG
vaccine during penicillin injection therapy ČSL PEDIAT. 1955
10/5 (380-384) Graphs 1 Illus. 2
Following i.m. injection into the thigh of an unknown quantity of BCG vaccine, mixed
with, or in place of, therapeutic penicillin, a 14-day-old newborn infant developed
an illness, the course of which resembled extrapulmonary tuberculous primary infect-
ion. The course of the illness was benign, and characterized by early and marked
calcification at the injection site and in inguinal and mesenteric lymph nodes.
Nejedlá - Prague (VII, 15)

ZEMAN, L.

State of health in infants in Podborany and Touzim. Pediat.listy
5 no.6:359-361 Nov-Dec 50. (CIML 20:5)

1. Of the Children's Department (Head--Prof.B.Epstein,M.D.)of the
State District Hospital in Bulovka.

STRAUSS, J.;STYK, B.;TUMOVA, B.;ZEMAN, L.

Prevention of influenza in children by vaccination of mothers.
Pediat. listy, Praha 8 no.3:134-140 June 1953. (CJML 25:4)

1. Of the Institute of Epidemiology and Microbiology (Director--
Docent K. Raska, M.D.), Prague and of the Institute of Virus Re-
search (Director--Academician D. Blaskovic M. D.) of Czechoslovak
Academy of Sciences in Bratislava and of the Pediatric Department
(Head--Docent K. Kubat, M.D.) of the Institute of Mother and Child
Welfare (Head--Prof. J. Trapl, M.D.), Prague.

ZEMAN, Lubomir; KOZELA, Bohumil

Reducing the work involved in making conveyor rollers and traveling wheels. Stroj vyr 10 no.12:594-595 '62.

1. Zavody presneho strojirenstvi, n.p., Gottwaldov.

SYRUCEK, L.; BRUCKOVA, M.; BRYNDOVA, D.; ZEMAN, L.

An epidemic of pharyngoconjunctival fever caused by adenoviruses in a children's center. Cesk. pediat. 17 no.11:970-975 N '62.

1. Ustav epidemiologie a mikrobiologie v Praze, reditel prof. MUDr.
K. Raska Kojenecky ustav v Praze - Krci, reditel MUDr. L. Zeman.
(ADENOVIRUS INFECTIONS)

ZEMIN, L.; NEJEDLA, Z.; LODINOVA, R.

Use of ACTH & cortisone for infants. Cesk. pediat. 12 no.12:1084-1089
5 Dec 57.

1. Ustav pro peči o matku a dite v Praze, reditel prof. J. Trapl
vedouci pediatrickeho sektoru prof. K. Kubat.

(ACTH, ther. use

pediatric dis. (Cz))

(CORTISONE, ther. use

pediatric dis. (Cz))

(PEDIATRIC DISEASES, ther.

ACTH & cortisone (Cz))

ZEMAN, L.
(# 1024)

Nouropsychiatricka Klinika vi Bratislave, Psychogenna aktivacia neurologickeho syndromu Psychogenic activation of a neurological syndrome Bratislavske lekars. List. 1950, 30/6-7 (485-490)

In a case of catatonic psychosis a connection between a possible psychic trauma and the mode of reaction was demonstrated with the help of narcoanalysis. The choreatic form of parakinesis was derived hypothetically from a chorea with remission which the patient had as an adolescent. The authors try to demonstrate the physiological way of disintegration as transition to a lower degree in a supposed hierarchy of cerebral mechanisms.

Roubicek - Prague

SO: EXCERPTA MEDICA Vol. 5 No. 3 Sec. VIII March 1952

ZEMAN L. AND ONDRACEK J. Nekolik poznamek k lecení basilarních meningitid streptomycinem Notes on the treatment of basilar meningitis with streptomycin Casopis Lekaru Ceskych, Prague 1949, 88/42 (1215-1218)

Report on 81 patients. Only 25 patients are alive and well. Effect of therapy depends on the state of the patient. The mortality of patients admitted without any psychical alteration was only 59%, but of patients admitted in a comatose state it was 100%; all children up to 2 years of age died. The best results were seen in children 2-6 years old; prognosis is usually very poor in cases where there is simultaneous fibroproductive, fibrocaseous or destructive disease of the lungs. In these cases relapses are very frequent. Cases resistant to streptomycin therapy were not observed. On the other hand, the resistance of the patient himself is very important, because the prognosis was very poor in children with diminished resistance (in convalescence after whooping-cough, measles and varicella). Intramuscular administration was unsuccessful, and the authors believe that intrathecal administration of streptomycin is necessary.

Teyschl-Brno (XX, 7, 8, 15)

SO: Neurology & Psychiatry Section VIII Vol 3 No 7-12

ca EXCERPTA MEDICA Sec. 7 Vol. 9/7 July 55
th. ~~ZEMAN L.~~

1567. ZEMAN L. and FANTOVÁ B. Úst. pro péči o matku a dítě, Praha. *Spánek kojence v nemocničním prostředí. The sleep of the infant in a hospital PEDIAT. LISTY 1954, 9/4 (225-229) Graphs 4

The length of sleep was studied in 54 infants and compared with those of 30 healthy children at home. It has been found that infants in hospital in many cases do not have sufficient quiet to enable them to sleep. They therefore get less sleep. An attempt was made to so organize the nursing that the infants would be ensured enough calm for their sleep. The study of sleep can be utilized for an investigation into the organization of the nursing in a hospital and for popularization of Pavlovian principles.

Višćorová - Brno (VII, 2, 17)

EPSTEIN, B.; ZEMAN, L.

Contributions to artificial feeding of infants. Pediat. listy 6 no.1:
34-37 Jan-Feb 51. (CIML 20:7)

1. Of the Children Department of the State District Hospital,
Prague VIII.

Zeman, L.

EPSTEIN, B.; ZEMAN, L.; LEKSA, J.

Salmonella bovis morbificans infection in children. Pediat. listy,
Praha 7 no. 4:197-201 July-Aug. 1952. (CML 23:1)

1. Of the Pediatric Department (Head--Prof. B. Epstein, M. D.) and
of the Bacteriological Laboratory (Head--Prof. V. Jedlicka, M. D.)
of the Prosectorium at the State District Hospital in Prague 8-Bulovka.

ZEMAN, L.; JOUPA, V.; HAJEK, M.

Anemia in newborn after occult transplacental hemorrhage. Cesk. pediat.
13 no.8:729-731 5 Sept 58.

1. Ustav pro peci o matku a dite v Praze, reditel prof. MUDr. J. Trapl,
vedouci pediatrickeho sektoru prim. MUDr. K. Polacek. I.Z., Praha 2,
Skolska 14.

(ANEMIA, in inf. & child

in newborn, caused by occult transplacental hemorrh. from
fetus to mother (Cz))

(INFANT, NEWBORN, dis.

enemia caused by occult transplacental hemorrh. from fetus
to mother (Cz))

(PREGNANCY, hemorrh.

occult transplacental hemorrh. causing anemia in newborn (Cz))

EISNERVOVA, L.; PISKACOVA, A.; ZEMAN, L.

Biliary peritonitis; a late complication of hemolytic disease of newborn. Cesk. pediat. 13 no.8:734-737 5 Sept 58.

1. Ustav pro peci o matku a dite v Praze, reditel Prof. MUsr. J. Trapl. vedouci pediatr. useku prim. MUDr. K. Polacek -- Klinika pediatricke chirurgie KU v Praze, prednosta doc. MUDr. V. Kafka. L.E., Praha 14, Stalichova 514.

(ERYTHROBLASTOSIS, FETAL, compl.

biliary peritonitis, case report (Cz))

(PERITONITIS, in inf. & child

biliary peritonitis caused by fetal erythroblastosis, case report (Cz))

(INFANT, NEWBORN, dis.

same)

ZEMAN, L.

ZEMAN, L. STRAUSS, J., B. STYK, B. TUMOVA

"Prevention of Influenza Diseases in Infants Through Specific
Influenza Vaccination of the Mother."

SO: Ped. listy, Prague, Vol. 8 (1953), No. 3, pp. 134-139.

ZEMAN, L.; JANIK, A.; POGADY, J.

Two year results of the treatment of alcoholism in Bratislava region. Sloven. lekar. 13 no.8:333-336 Aug 1951. (CML 23:2)

1. Trencin,

ZEMAN, I.

Influenza in children. Prakt. lek., Praha 33 no.7:149-153 5 Apr 1953.
(CIML 24:5)

1. Of the Pediatric Department (Head--Docent K. Kubat, M.D.) of the
Institute of Mother and Child Welfare (Director--Prof. J. Trapl, M.D.),
Prague.

ZEMAN, L., Dr; HLOUSKOVA, Z., Dr; MELICHAR, V., Dr

Pneumonia in a winter epidemic of influenza during 1952-53.
Pediat. listy, Praha 9 no.4:204-206 June-Aug 54.

1. Z Ustavu pro peci o matku a dite v Praze, reditel prof. Dr.
J.Trapl, Ped. sektor: vedouci doc Dr K.Kubat. Z II detske kliniky
v Praze, prednosta prof. Dr J.Brdlik.
(INFLUENZA, in infant and child,
with pneumonia, statist. in Czech.)
(PNEUMONIA, in infant and child,
in influenza, statist. in Czech.)

POGADY, J.; JANIK, A.; ZEMAN, L.; ZIKMUND, V., Bratislava, KUNZ,
Mickiewiczova 13

Contribution to the therapy of alcoholism with apomorphine. Lek.
obsor 3 no.5:278-281 1954.

1. Z Psychiatrickej kliniky SU v Bratislave
(ALCOHOLISM, therapy
apomorphine)
(APOMORPHINE, ther. use
alcoholism)

ZEMAN, L., MUDr; TUMOVA, B., RNDr

Serologic diagnosis of influenza in infants. Pediat. listy, Praha
9 no.3:146-149 May-June 54.

(INFLUENZA, in infant and child
diag., serol.)

ZEMAN, L., Dr.; JOUJOVA, J.

Shorter intervals and divided doses in whooping cough vaccination in early childhood. Cesk. pediat. 11 no.9:677-684 Sept 56.

1. Ustav pro peci o matku a dite, reditel prof. MUDr. J. Trapl, pediatricky sektor: doc. MUDr. K. Kubat.

(WHOOPING COUGH, prev. & control

vacc., short intervals & divided dosage in inf. & child. (Cz))

(VACCINES AND VACCINATIONS

whooping cough vacc., short intervals & divided dosage in inf. & child. (Cz))

EISNEROVA, L.; HERZMANN, J.; ZEMAN, L.; za technicke spoluprace MACHA, J.;
VRCHLOBSKE, E.

Excretion of 17-hydroxycorticoids and 17-ketosteroids during early months of life. Contribution to the problem of dosage of ACTH in children. Cesk.pediat.16 no.2:135-140 F '61.

1. Ustav pro peci o matku a dite v Praze-Podoli, reditel doc.
MUDr. M. Vojta; Prednosta pediatrickeho useku MUDr. K. Polacek.
(CORTICOTROPIN pharmacol)
(ADRENAL CORTEX HORMONES urine)
(17-KETOSTEROIDS urine)
(INFANT NEWBORN urine)

NEJEDLA, Zdeněk, Dr.; ZEMAN, L., Dr.

BCG inoculation in injection therapy with penicillin.
Česk. pediat. 10 no.5:380-384 June 55.

1. Z Ústavu pro péči o matku a dítě v Praze. Ředitel prof.
Dr. J. Trapl, vedoucí pediater. ušeku doc. Dr. Kubat.

(BCG VACCINATION

accid. by mistake with penicillin inject., causing
primary infect. in inf.)

(INJECTIONS, complications

accid. BCG vacc. by mistake with penicillin inject.,
causing primary infect. in inf.)

ZEMAN, L., Dr; FANTOVA, B.

Sleep of an infant in a hospital. Pediat. listy, Praha 9 no.4:
225-229 June-Aug 54.

1. Ustav pro peci o matku a dite v Praze, reditel prof. MUDr
J. Trapl, vedouci pediatr. vyskumu doc. MUDr K. Kubat.

(SLEEP,

in inf. in hosp.)

(HOSPITALS,

sleep of inf. in hosp.)

(INFANTS,

sleep in hosp.)

ZEMAN M.

TABORSKA, D.; OPAKA, O.; ZEMAN, M.; KROPACEK, J.

Pulmonary resection for tuberculosis in diabetic patients. Rozhl. chir.
37 no.2:86-93 Feb 58.

1. I. chir. klinika MU v Brne, prednosta prof. Dr. J. Podlaha. Diabetické
oddelení KUNZ Brno, prednosta prim. Dr. O. Opalka, Léčebna plicní tbc v
Pasece, reditel doc. Dr. Vl. Raclavský. D. T., Brno, Pekařská 53.

(PNEUMONECTOMY, in various dis.

tuberc., pulm., in idabetics (Cz))

(DIABETES MELLITUS, case reports

with pulm. tuberc., pneumonectomy (Cz))

~~REF~~ ZEMAN, MIROSLAV

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and
Their Application, Part 2. - Ceramics Glass,
Binders, Concretes. - General Topics.

H-12a

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 22087

Author : Karel Cihak, Miroslav Zeman

Inst : -

Title : Further Results of Chemico-Geological and Geological Studies of Some Czechian Cretaceous Rocks as Raw Material for Light-Weight Building Materials.

Orig Pub : Vest. Ustred. ustavu geol., 1957, 32, No 3, 153-172

Abstract : The deposits of spongillites located West of Prague (Dzhban, Front Kopanina, Repty etc.) are the most advantageous for exploitation and production of light-weight building materials; the SiO_2 contents in these rocks are 54 to 87%, the vol. weight is 2 g per cub.cm or less, calcination losses are 10% or less; the reserves of this raw material are 40 to 60 thousands of cub.m per ha of the occurrence areas.

Card 1/1

SMADL, Jan; AUSBERGER, Frantisek; STARY, Jindrich; ZEMAN, Miloslav; SIKL, Vaclav; BRADAC, Svatopluk

Control of railroad operations in a coalfield district. Zel dop
tech 13 no.1:Suppl:1-8 '65.

1. Head of the Unit of Operations, Jisti nad Labem (for Smadl).
2. Director of the Northern Bohemian Lignite District (for Ausberger).
3. Head of Transportation Service of the Doly Vitezneho unora National Enterprise (for Stary).
4. Director of the Doly V.I.Lenina National Enterprise, Komorany (for Zeman).
5. Head of Transportation Service of the Coal Preparation Plant, Komorany (for Bradac).
6. Chief of the Most Railroad Junction (for Sikel).

ZEMAN, M.

"Benzene content in commercial toluols."

CHEMICKY PRUMYSL, Praha, Czechoslovakia, Vol. 9, No. 4, April 1959.

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

Unclassified.

ZEMAN, Miroslav; KIATIL, Miroslav

Studies on a possibility of skin lesions in workers exposed to toluene vapors. Pracovní lek. 11 no.6:315-316 Aug 59.

1. Laborator oddeleni bezpecnosti prace n.p. Svit, Gottwaldov I, vedouci F. Sanda.

(TOLUENE, eff. inj.) (SKIN DISEASES, etiol.)