"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

CZECHOSLOVAKIA

L. ZATHURECKY, O. BAUEROVA, G. SOMOSKEÖY, L. MOLNAR and S. SUCHY, Department of Pharmacobiodynamics, Chemical Institute of the Slovak Academy of Sciences, Czechoslovak Academy of Sciences (oddelenie farmakobiodynamiky, Chemicky ustav SAV, CSAV) Bratislava.

"Stability of Strophantidine-Type Cardenolides in Injectables. Part 3. Preparing Stable Injectable Solutions of Helveticoside."

Prague, Ceskoslovenska Farmacie, Vol 12, No 4, May 63; pp 171-177.

Abstract [English summary modified]: Colorimetric and oscillopolarographic study of isomerization of the lactone ring of 3-β-d-digitoxosestrophantidine in alkaline medium and paper-chromatographic study of hydrolysis onto strophantidine and digitoxose in acid medium. Optimal pH of solvent for preparation of 0.02% solutions is between 5.8 and 7; such can be sterilized at 100 - 120° C without breakdown of active ingredient. Seven graphs, 6 tables; 3 Czech (1 unpub.) and 7 Western references.

1/1

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ZATHURECKY, L.

Essential factors threatening the stability of drugs. Cesk. farm. 12 no.10:516-520 D'63.

1. Farmakologicky ustav CSAV, pracovisko Bratislava.

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SUCHY, J.; ZATHURECKY, L.; SOMOSKEOY, G.; MOLNAR, L.; BAUEROVA, O.

Stability of cardenolides of the strophanthidin type in injection solutions. II. Study of the reaction-kinetics of the isomerization of strophanthidin by UV spectrophotometry. Cesk. farm. 12 no.2: 107-111 F '62.

1. CSAV, Chemicky ustav SAV, oddelenie farmakobiodynamiky, Bratislava.
(STROPHANTHIN) (SPECTROPHOTOMETRY) (CHEMISTRY)

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

Country : Czechoslovakia H-17
Category :

Abs. Jour. : 46841

Author : Zathurecky, L.; Mandak, M.; Budiacova, A.
Institut. :
Title : Effect of Kuzmicki Bentonite on pH of Water and Buffer Solutions.

Orig. Pub. : Ceskosl. farmac., 1957, 6, No 10, 599-603

Abstract : Addition of 1% of Kuzmicki bentonite (B) to water raises its pH from 6.37 to 8.85, and of 2%, to 9.20; each subsequent addition of B brins about a drop of pH until its value becomes stabilized at 7.45 (30% B). B added in amounts of 1-30% to buffer solutions, prepared in accordance with Czechoslovak Pharmacopoeia 2, of pH 1-6, increases their pH, and decreases the pH of buffer solutions of pH>6. In the above-stated amounts B does not alter the pH of the blood serum of sheep, which makes it possible to utilize Kuzmicki bentonite for removal of proteins, clarification, purification and filtration of some immunobiological preparations. -- A. Vavilova.

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CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their Ap-H-11
plication. Catalysts and Sorbents

Abs Jour : Ref Zhur - Khim., No 24, 1958, No 82289

Author : ~~Zathurecky L.,~~ Mandak M.
Inst : -
Title : Effects of the Preparation Conditions, Drying Method, Sterilization, and Storage on the Quality of Kuzmitskiy Bentonite

Orig Pub : Ceskosl. farmac., 1957, 6, No 7, 275-380

Abstract : Na-bentonite, obtained from the Kuzmitskiy material (by means of activation of meta-bentonite with Na_2CO_3 and HCl), meets with all the specifications of the Czechoslovakian pharmaceutical requirements, particularly with respect to swelling and losses upon drying. The optimum conditions of activation is the 4 day contact time with Na_2CO_3 solution. Its sterilization may be accomplished in 3 hours' time in a dry atmosphere at 160°, and drying at 110°. It is recommended to have it stored in the wide-mouth bottles equipped with ground glass stoppers. Bibliography includes 13 titles.

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ZATHURECKY, L.

MILITARY & NAVAL SCIENCES: GENERAL

Periodical NASA VEDA. Vol. 5, no. 11, Nov. 1958.

ZATHURECKY, L. Use of aerosols in pharmacy. p. 477.

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

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ZATHURECKY, L.

General considerations on ointments with special reference to future Czechoslovak Pharmacopoeia. Cesk. farm. 2 no.7-8:243-251 Aug 1953. (CIML 25:4)

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

2521. HEGYI E. and ZATHURECKÝ L. Dermatol. Kat. Lek. Fac. Univ., Komenského, Bratislava. *Komplexné hodnotenie pracovných ochranných mastí. Complex evaluation of industrial protective ointments BRATISLAVSKÉ LEKÁRS. LISTY 1957, 37/5 (257-271) Graphs 2 Illus 8

The use of industrial protective ointments takes in recent years an important place in the prevention of professional diseases of the skin. Protective ointments were until now tested and evaluated according to different criteria which in themselves did not give a reliable picture of how they will prove in the working places. In the paper there is presented a proposal for complex physical, chemical, model, clinico-experimental and biological evaluation of industrial protective ointments based on proper laboratory and clinical tests. A proposal for the inclusion of these tests into the production regulations of industrial protective ointments is presented. (XIII, 17)

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ZATHURECKY, L.

ZATHURECKY, L.; MUNKA, A.

Possible use of salicylamide in powder compounds. Cas. cesk lek. 63 no.20:241-245 31 Oct 50. (CLML 20:4)

1. Of the Institute of Galenic Pharmacy, Slovak University, Bratislava.

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

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ZATHURECKY, L.

Bentonite from Kusmice as a new domestic raw material. Cesk. farm. 2 no.10-11:345-353 Nov 1953. (CIML 25:5)

1. Of the Institute of Galenic Pharmacy of Slovak University, Bratislava.

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATHUREC KY, LADISLAV

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H-17

COUNTRY : Czechoslovakia
CATEGORY :

ABS. JOUR. : RZKhim., No. 16 1959, No. 58056

AUTHOR : Zathurecky, L.
INST. : Not given
TITLE : The Application of Aerosols in Pharmaceutical Practice

ORIG. PUB. : Nasa Veda, 5, No 11, 477-483 (1958)

ABSTRACT : No abstract.

CARD: 1/1

COUNTRY : Czechoslovakia H-17
APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"
CATEGORY :

ABS. JOUR. : RZKhim., No. 16 1959, No. 58058

AUTHOR : Zathurecky, L.
INST. : Not given
TITLE : Correcting the Taste of Pharmaceutical Preparations

ORIG. PUB. : Ceskoslov Farmac, 8, No 2, 85-95 (1959)

ABSTRACT : No abstract.

CARD: 1/1

256

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ZATHURECKY, L.; KRUPA,V.; ROCHOVA,M.; HUBIK,J.

Stability of the fat in wool in the presence of some antioxidants. Cesk. farm. 14 no.1:2-8 Ja '65

1. Farmakologicky ustav Ceskoslovenskej akademie ved, Pracovisko Bratislava.

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATHURECKY, L.

Pharmaceutical use of Kuzmice bentonite. Gyogyszeresz 9 no.9: 161-165; concl. 1 Sept 54.

1. A Slovak Egyetem Galenusi Gyogyszereszeti Intezetenek tansvekvezeto docense.
(ALUMINUM SILICATE
bentonite of Kuzmice, pharmaceutical use)

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATHURECKY, L.

Pharmaceutical use of Kuzmice bentonite. Gyogyszeresz 9 no.8:141-144; contd. 1 Aug 54.

1. A Slovak Egyetem Galenusi Gyogyszereszeti Intezetenek tanszekvezeto docense.

(ALUMINUM SILICATE
bontonite of Kuzmice, pharmaceutical use)

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATHURECKY, L.; CSERE, E.

New graphic method of calculation and of adjustement of substances for isotonic solutions for ophthalmic injections. Cesk. farm. 3 no.6:203-213 Je '54.

1. Z Ustavu galenickej farmacie farmaceutickej fakulty SU v Bratislave.

(ISOTONIC SOLUTIONS,
*graphic method of calculation of components for ophthalmic solutions)

(EYE,
*ophthalmic solutions, graphic method of calculation of components for isotonic solutions)

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATHUPECEL, Ladislav

Some notes on the galenic part of the Czechoslovakian pharmacopeia 2.
Cesk. farm. 4 no.2:98-101 Mar 55.
(PHARMACOPEIA
Czech. 2, galenic part)
(DRUGS
galenicals in Czech. pharmacopeia 2)

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CA

Pharmaceuticals, Cosmetics, Perfumes 11

Protective ointments. L. Zathurecký and L. Chmel (Univ. Bratislava, Czech.). *Čechoslov. farm.* 1, 358-67 (1952).—A review with 6 references. Dagmar Hubíková

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L 13217-66
Acc Nr: AP6006105 SOURCE CODE: CZ/0053/65/014/004/0322/0322

AUTHOR: Zathurecky, L.; Krupa, V.; Rochova, M.

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

21
B

TITLE: Passage of cardenolides through the small intestine of rats in vitro [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 27 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 322

TOPIC TAGS: rat, digestive system, biologic metabolism, carbohydrate, processed plant product, biochemistry

ABSTRACT: Study of convallatoxin and helveticoside revealed the presence of convallatoxol (C-10-aldehyde-reduced convallatoxin metabolite) and strophantidine (i.e. de-rhamnose convallatoxin) in rat jejunal lumen in vitro 4 hours after immersion; 2 unidentified metabolites as well intact convallatoxin were also present; at the same time helveticoside, strophantidine and an unidentified metabolite were identified. The C-10 (steroid ring) reduction is a key step in the metabolism of cardenolides. Quantitative analysis of breadown and speed of intestinal transfer agree with the relatively poor effect of peroral strophantidine cardenolides. [JPRS]

SUB CODE: 06 / SUBM DATE: none
jrn

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ZATHURECKY, Peter (Oradea, Rumania)

On the conversion of the Russian-made record player "Iubileinii." Radiotechnika 11 no.6:178 Je '61.

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ZATHYRECKY, L,; GRUNTOVA, Z.; SOMOSKEOY, G.

The Kuzmice bentomite as a component of hydrophilic (washable by water) salve bases and salves. p. 352.

CHEMICKE ZVESTI. Bratislava, Czechoslovakia, Vol. 13, No. 6, Apr. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 10, Oct. 1959.
Uncl.

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATIKAJ, Jozef

Some practical experiences in automatic CO_2 shielded welding of 3 to 4 mm anticorrosion sheets. Zvaranie 13 no.10:303-304 O '64.

1. Research Institute of Welding, Bratislava.

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MKHITARYAN, R.S.; ZATIKYAN, L.O.

Solubility of zinc chloride in aqueous solutions of ammonia at 35°C. (region of ammoniate formation). Izv.AN Arm.SSR. Khim.nauki 16 no.4:343-346 '63. (MIRA 16:9)

1. Yerevanskiy gosudarstvennyy universitet, kafedra neorganicheskoy khimii.

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATINATSKIY, Yu. P.

We are increasing the production of self-supporting signaling devices. Avtom., telem. i sviaz' 5 no.4:19-20 Ap '61. (MIRA 14:6)

1. Glavnyy inzh. Nizhnedneprovskogo zavoda "Svetofor."
(Railroads--Signaling)

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATINATSKIY, Yu.P.

Our factory is our pride. Avtom., telem.i sviaz' 6 no.5:23-26 My '62. (MIRA 15:4)

1. Glavnyy inzh. nizhnedneprovskogo elektrotekhnicheskogo zavoda "Svetofor".
(Railroads--Electric equipment)

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24863 S/109/61/006/007/003/020
D262/D306

9.7140
16.4000 (1031, 1121, 1344)

AUTHOR: Zatitskiy, V.A.

TITLE: Modelling of memory loading of a cybernetic installation using the method of self-analysis

PERIODICAL: Radiotekhnika i elektronika, v. 6, no. 7, 1961, 1049 - 1054

TEXT: One of the main parameters limiting the ability of a cybernetic installation to reproduce information is the capacity of the memory of the electronic digital computer forming part of such an installation. In the present article, the author submits a direct method of analysis of memory filling - the self-analysis method. Also curves of memory loadings as evaluated by methods are compared with those obtained by the method of self-analysis. First the theoretical fundamentals of self-analysis are given. A phase space R is considered, consisting of a large but finite number of N elements: $R = (r_1, \ldots, r_i, \ldots r_n)$. A signal picture on a background of

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noise consisting of separate signals is expected at elements r_i. The extraction of signal elements from R is achieved by a cybernetic installation having an electronic digital computer with a storage of M elements. Of interest is the case where $M \ll N$. The call from the r_i -th element will be a signal in the r_i-th element of the phase space. The cybernetic installation sequentially and many times inspects elements r_i ($i = 1, 2, \ldots, N$), and establishes a strong relationship between the incoming call and a certain free memory cell of the machine, a fixed number f_1, the initial characteristic of the element, being sent to this call. Data are thus accumulated in the cell which forms the actual characteristic f of the element from R. The cell can be used again as soon as the cybernetic arrangement establishes either the noise or signal character of the element of f. In sequential data analysis with binary quantization after every call a random number $f = f_\nu$ begins to accumulate in the cell:

$$f_\nu = f_1 + \sum_{i=1}^{\nu} [\xi_i d - (1 - \xi_i)], \quad (1)$$

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Modelling of memory ...

where ξ_i - an arbitrary number either 1 or 0. The bloc diagram of programming required for the model of memory filling is given. The programming for the self-analysis method requires 50 command elements, 5 elements for constants and 6 subsidiary elements. The proper operating elements were made up of the remaining memory elements of the electronic digital computer. The numbers introduced into the programming were binary normalized numbers. Since the computer used was of type БЭСМ-1 (BESM-1), the programming had included group and re-addressing constants from ДЗУ (DZU) [Abstractor's note: DZU is not explained]. A computer was used to obtain random numbers which has been checked by G.A. Ososkov. The curve of memory loading $\mu(\tau)$ as obtained from BESM-1 is shown in Fig. 2. It shows good agreement with results obtained earlier. It is stated in conclusion that modelling the memory filling using the self-analysis method can be used in more complicated cases as well (Ref. 1: A.Ye. Basharinov, Voprosy statistiki avtomaticheskogo vosproizvedeniya obrazov pri mnogokadrovom nablyudenii, Radiotekhnika i electronika, 1961, 6, 7, 1035 -), when the theoretical evaluation

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D262/D306

Modelling of memory ...

of a non-stationary state is analytically very complex. The author acknowledges the supervision of B.S. Fleyshman and the cooperation of A.Ye. Basharinov. There are 5 figures and 3 references: 2 Soviet-bloc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: N. Wax, Signal-to-noise improvement and the statistics of track population, J. App. Phys. 1955, 5, 586.

SUBMITTED: June 15, 1960

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ZATKA, A.

"A new apparatus for the differential thermal analysis."

CASOPIS PRO MINERALOGII A GEOLOGII, Praha, Czechoslovakia, Vol. 4, No. 2, 1959.

Monthly list of EAST EUROPEAN ACCESSIONS INDEX (EEAI), Library of Congress, Vol. 8, No. 8, August, 1959.

Unclassified.

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ZATKA, A.

Importance of a clayey wash in deep boring. p. 340.
UHLI, Prague, Vol. 4, no. 11, Nov. 1954.

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

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zatka, a.

zatka, a. measurement of the specific gravity of rocks. p. 323.

Vol. 5, No. 9, Sept. 1955.
UHLI
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accessions, Vol. 5, No. 5, May 1956.

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATKA, Jaroslav

Blasting techniques in practice. Rudy 10 no.3:100-101 Mr '62.

1. Clen brigady socialisticke prace, Chrustenice.

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATKA, Jaromir, inz.

Experiences in the new method of measuring the labor productivity in ore mines. Rudy 12 no.7/8:288-291 Jl-Ag'64 (MIRA 17:8)

1. Technical and Economic Research Institute of Metallurgical Industry and Ore Mines, Prague.

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATKA, Jaromir, inz.

Labor productivity in ore mines. Rudy 10 no.6:175-181 Je '62.

1. Technicko-ekonomicky vyzkumny ustav hutniho prumyslu a rudnych dolu, Praha.

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ZATKA, Jaroslav

Organization of work in mechanized mining. Rudy 11 no.6:2 of cover Je '63.

1. Dul Chrustenice.

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ZATKA, Jiri; UHRIK, Jan

Determining the silicon content in gray cast iron by the thermoelectric method. Slevarenstvi 11 no.11:485-486 N'63

I. Moravskoslezske elektrotechnicke zavody, Vsetin.

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ZATKA, V.

"Iorganic chemistry of qualitative analysis" by A.F.Clifford. Reviewed by V. Zatka. Coll Cz Chem 28 no.11:3169-3170 N'63.

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ZATKA, V. ; CABICAR, J.

"Thermal Diffusion in the Liquid Phase. I. Thermal Diffusion in Aqueous Solutions of Alcohols", P. 348, (CHEMICKE LISTY, Vol. 48, No. 3, Mar. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955, Uncl.

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ZATKA, V.

"Inorganic chemistry of qualitative analysis" by A.F. Clifford. Reviewed by V. Zatka. Chem listy 57 no.2:179 F '63.

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ZATKA, Vaclav

(3) 6

Thermal diffusion in the liquid phase. I. Thermal diffusion in aqueous solutions of alcohols. Josef Cabicar and Václav Zátka (Lab. for chem., CSAV, Prague, Czech.). *Chem. Listy* 49, 318-31(1955).—The Soret coeff. of EtOH is neg. at concns. lower than 21.55% by wt. of EtOH; at higher concns. it has a pos. value which reaches a max. at approx. 62%. The behavior of MeOH, PrOH, and iso-PrOH is similar. The sepn. factor of EtOH is a quadratic function of temp. difference and a linear function of time in accordance with the theory [Hiby and Wirtz, *C.A.* 35, 3870⁴]; the dependence of the sepn. factor on the distance of the walls shows a sharp max. at 0.25 mm. The concn. dependence of the Soret coeff. is explained by the dipole-dipole interaction. An all-metal app. is described.

E. Erdös

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATKA, V.

"Colorometric determination of nonmetals" by David F. Boltz. Reviewed by V. Zatka. Coll Cz Chem 26 no.9:2460-2461 '61.

(Colorimetry) (Boltz, David F.)

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

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ZATKA, Vladimir

The new atomic weight unit ^{12}C. Chem listy 57 no.1:1-4 Ja '63.

1. Katedra analyticke chemie, Vysoka skola chemicko-technologicka, Praha.

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATKA, VLADIMIR.

CZECHOSLOVAKIA/Inorganic Chemistry - Complex Compounds. C.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 35690

Author : Hovorka Vaclav, Zatka Vladimir

Inst : -

Title : Salicylide-Namino-Guanidine Salts (of Salicyl Aldehyde Guanyl-Hydrazon with Metals).

Orig Pub : Chem. Listy, 1957, No 5, 899-910

Abstract : Formation of the salt of salicyde-namino-guanidine (I) as a base and an acid has been investigated. I can be considered as a tridentine intra-complex-forming agent with two acid groups (phenol OH and imine groups) and one cyclic group (tertiary N), or with one acid group (phenol OH) and two cyclic groups (tertiary N and imine or amine groups). Chloride, nitrate and perchlorate have been synthesized from the I; the aqueous solutions of these salts with multiple cations in the buffer medium (acetate or ammonium, or in the presence of a

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CZECHOSLOVAKIA/Inorganic Chemistry - Complex Compounds. C.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 35690

tartaric, citric or lactic acids), produce in most cases poorly soluble and colored I salts: similar reactions also take place with certain anions (MoO_4^{2-}, WO_4^{2-}, PO_4^{3-}, VO_3^-, BiI_4^-, HgJ_4^{2-}, AsO_4^{3-}, Molybdate and tungstate-phosphate ions). The following complex compounds have been obtained: ($R-C_8H_8ON_4$); $RCuNO_3 \cdot 3H_2O$ and RCuCL (from the acetate medium); $C_8H_8ON_4Cu$ (from the ammonium medium, which represents a multinuclear polymer complex); R_2M, where M-Cd, Mn (2+), Fe (2+); $R_2Co \cdot H_2O$; $RNiCLO_4 \cdot nC_5M_5N$ with n = 3 and 1 (from the pyridine solution); RNiOH (from the neutral medium); RPdCL; $R_2VO \cdot 5H_2O \cdot NH_3$ (from the ammonium medium); $RFeCl_4$ (from the acetate medium with the application of the pechlorate of I); R_2FeNO_3 (from the acetate medium with the application of nitrate of I): $R_2FeCl \cdot H_2O$ and R_2FeCl (from the acetate medium with the application of chloride of I); R_2FeOH (from the ammonium medium with the application of

Card 2/3

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

~~VLADIMIR~~ ZATKA, Vl.

CZECHOSLOVAKIA/General Problems - Methodology. Scientific Institutions and Conferences. Instruction. Questions Concerning Bibliography and Scientific Documentation. A-1

Abs Jour : Referat Zhur - Khimiya, No 8, 1957, 25683 K.

Author : Vaclav Sycora, Vladimir Zatka.
Inst :
Title : Chemist's Reference Tables.

Orig Pub : Praha, SNTL, 1956, 202, (2) s., il., 13.50 Kcs.

Abstract : No abstract.

Card 1/1 - 40 -

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

HOVORKA, V. [deceased]; ZATKA, V.

Preparation of salicylide aminoguanidine. Chem Cz Chem 29 no.11:2862-2864 N '64.

1. Institut fur analytische Chemie, Tschechoslowakische Hochschule fur Chemie, Prague.

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ZATKA, V.

Dissociation constants of salicylide aminoguanidine. Chem Cz Chem 29 no.11:2607-2614 N '64.

1. Institut fur analytische Chemie, Technische Hochschule fur Chemie, Prague.

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATKO, J.; ZUCHA, J.

Some experiences in the technology of electroerosive machining. p. 537.
(TECHNICKA PRACA, Vol. 9, No. 8, Aug 1957, Bratislava, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATKO, J.

Mechanization in newly built stables of collective farms. p. 152.
MECHANISACE ZEMEDELSTVI. VOL. 5, No. 6, Apr. 1955

SO: Monthly East European Accession, (EEAL), LC, VOl. 4, No. 9, Sept. 1955 Uncl.

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATKO, J.

Mechanization of the preparation of silage. p.316

MECHANISACE ZEMEDELSTVI. (Minsterstvo zemedelstvi) Praha

Vol. 5, no. 16, Aug. 1955

East European Accessions List Vol. 5 No. 1 Jan. 1956

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATKO, Michal

Third National Hydrogeological Conference in Zilina. Geogr cas SAV 17 no.1:81-83 '65.

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATKO, Michal

Hydrologic conference in Smolnice. Georg cas SAV 15 no.4: 303 '63.

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATKO, R.

A bibliography of Slovak ethnography and folklore for the years 1954-1955. (To be contd.) p. 238.
(Slovensky Narodopis, Vol. 5, no. 2, 1957. Bratislava, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

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ZATKO, R.

Ludvik Kune's Ceska ethnografie a folklorisika v letech 1945-1952 (Czech Ethnography and Studies of Folklore during the Years 1945-1952); a book review. p.284 SLOVENSKY NARODOPIS. (Slovenska akadmeia vied) Bratislava. Vol. 3, no. 2, 1955

SOURCE: East European Accessions List, (EEAL), Library of Congress Vol. 4, No. 12, 1955 December

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ZATKO, R.

Contributions to the study of Slovak Nativity plays. (To be contd.) P. 17. SLOVENSKY NARODOPIS. (Slovenska akademia vied) Bratislava. Vol. 4, no. 1, 1956.

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATKO, R.

GEOGRAPHY & GEOLOGY

Periodicals: SLOVENSKY NARODOPIS. Vol. 7, No. 6, 1958.

ZATKO, R. An important anniversary; seventieth birthday of Frank Wollman. p. 562.

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

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATKO, R.

A bibliography of Slovak ethnography and folklore for the years 1954 and 1955.

P. 435, (Slovensky Narodopis) Vol. 5, no. 3/4, 1957, Praha, Czechoslovakia

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

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

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ZATKO, R.

A bibliography of Slovak ethnography and folklore for the years 1954 and 1955. (Conclusion)

p. 656 (SLOVENSKY NARODOPIS) Vol. 5, no. 6, 1957, Bratislava, Czechoslovakia

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

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATKO, R.

Contributions to the study of Slovak Nativity plays. p. 117.
SLOVENSKY NARODOPIS. (Slovenska akademia vied) Bratislava.
Vol. 4, no. 2, 1956.

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

IVANOV, V.P.; BUZITSKIY, V.N.; ZATKOV, Yu.A.

Pneumatic vibrator with a constant excitation frequency. Izv.vys. ucheb.zav.; av.tekh. 4 no.4:144-146 '61. (MIRA 15:2)

1. Kuybyshevskiy aviatsionnyy institut, kafedra konstruktsii aviadvigateley.

(Vibrators)

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

S/147/61/000/004/019/021
E194/E155

26.4210 (2114)

AUTHORS: Ivanov, V.P., Buzitskiy, V.N., and Zatkov, Yu.A.

TITLE: A pneumatic vibrator with stable excitation frequency

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Aviatsionnaya tekhnika, no.4, 1961, 144-146.

TEXT: In laboratory tests on oscillatory systems the sources of oscillation are usually electro-dynamic, electro-magnetic or mechanical vibrators, but it is sometimes convenient to use a pneumatic vibrator in which an air jet impinges on a rotating segmented disc. The principal limitation to the use of such devices is the difficulty of maintaining constant motor speed with the direct current motors that are commonly used. The equipment described here is simple and of good speed stability. The essential point is that the disc is driven by a convertor type MA-250 (MA-250) which consists of a combined d.c. motor and a.c. generator. Under certain conditions the a.c. generator can run as a synchronous motor with very stable speed. The principle is that the disc is run up to speed with the d.c. motor obtaining supply from a rectifier. The a.c.

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supply is obtained from an audio-frequency generator operating through an amplifier which can give sufficient power to hold the motor in step once it has been run up to speed. A signal lamp is provided to show when synchronous conditions have been reached. The impulse frequency range that can be obtained naturally depends on the motor speed range and the number of segments on the disc and the force of the air pulses depends on the available supply; however, equipment has been built with the motor speed range of 3000-15000 r.p.m. which, by altering the discs, can give a frequency range of 50-5000 c/s. The maximum pressure in the air main is 6 kg/cm^2 and the air flow at this pressure at a temperature of 288° absolute is about 0.02 kg/second; the diameter of the critical section of the nozzle is 4 mm and the static reaction of the jet at the pressure of 6 kg/cm^2 is about 1.5 kg. A rig has been built with two vibrators which can easily be arranged to give impulses differing in phase from 0 to 360° by rotating one of the stators; in principle more oscillators can be used to study more complex conditions. There are 2 figures.

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

A pneumatic vibrator with stable... S/147/61/000/004/019/021
E194/E135

ASSOCIATION: Kafedra konstruktsii aviadvigateley, Kuybyshevskiy aviatsionnyy institut (Department of Aviation Engine Design, Kuybyshev Aviation Institute)

SUBMITTED: February 13, 1961

Card 3/3

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

CERVENKA, J.; ZATKOVA, M.

Problem of epidemic hepatitis in Bratislava. Lek obzor 2 no.3:165-170 Mar 1953. (CIML 24:5)

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

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L 21650-66 EWT(d)/EWT(m)/EWP(w)/EWP(f)/EPF(n)-2/EWP(v)/T-2/EWP(k)/ETC(m)-6 WW/RM
ACC NR: AP6006138 SOURCE CODE: UR/0114/65/00/010/0022/0025

AUTHORS: Shvets, I. T. (Academician AN UkrSSR); Dybun, Ye. P. (Candidate of technical sciences); Stradomskiy, M. V. (Candidate of technical sciences); Gusak, Ya. M. (Engineer); Zatkovetski, G. N.; Klimenko, V. N.; Nasybullina, A. A.; Chepaskina, S. M.

ORG: none

TITLE: Development and investigation of the air cooling system for the high-pressure turbine rotor of GT-6-750 TMZ

SOURCE: Energomashinostroyeniye, no. 10, 1965, 22-25

TOPIC TAGS: turbine, turbine cooling, gas turbine, blade cooling/ GT-6-750 gas turbine

ABSTRACT: In conjunction with the development of gas turbine GT-6-750 (initial gas temperature 750C, pressure 5.8 kg/cm^2), several air cooling systems for the high-pressure turbine rotor were designed and tested at the Ural Turbine Factory and Institute of Heat Physics of the AN UkrSSR (Ural'skiy turbomotornyy zavod i Institute tekhnicheskoy teplofiziki AN UkrSSR). The development of the final

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ACC NR: AP6006138

cooling system shown in Fig. 1 is discussed and the temperature distributions at the blade roots and in the turbine wheel are graphically presented for cooling air flows of 0.9 and 0.73 kg/sec respectively (0.73 kg/sec represents 1.7% of the total gas flow). The values of local cooling air pressure, temperature, flow rate, and heat transfer coefficient at the 16 locations in Fig. 1 are tabulated. It was found that the cooling system maintained all metal temperatures below 410C (at 0.73 kg/sec) and calculations show that the cooling flow can be further reduced to 0.4--0.45 kg/sec without dangerous temperatures. With such a cooling system, perlitic steels can be used with gas temperatures of up to 900C. The experiments confirmed the accuracy of previously proposed methods for calculating the cooling system parameters (Ye. P. Dyban, Issledovaniye sistem vozdushnogo okhlazhdeniya rotorov gazovykh turbin. Avtoreferat dissertatsii. LPI im. M. I. Kalinina, 1964).

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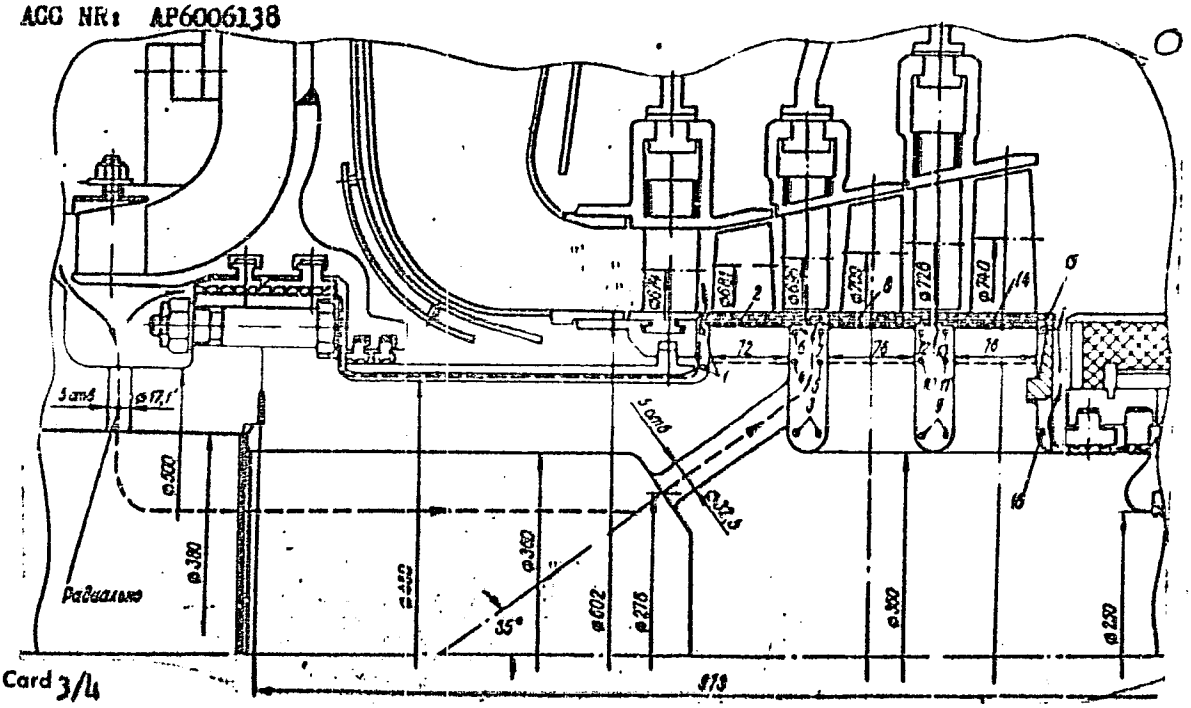
"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

L 21650-66

ACC NR: AP6006138



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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

L 21650-66

ACC NR: AP6006138

Fig. 1. Cooling system for GT-6-750 gas turbine rotor.

Orig. art. has: 1 table and 4 figures.

SUB CODE: 21, 13/ SUBM DATE: none/ ORIG REF: 003

Card 4/4

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

SHVETS, I.T., akademik; DYBAN, Yo.P., kand.tekhn.nauk; STRADOMSKIY, M.V., kand.tekhn.nauk; GUSAK, Ya.M., inzh.; ZATKOVETSKIY, G.N.; KLIMENKO, V.N.; NASYBULLINA, A.A.; CHEPASKINA, S.M.

Development and study of the air cooling system of the rotor of the GT-6-750 high-pressure turbine. Energomashinostroenie 11 no.10:22-25 O '65. (MIRA 18:11)

1. AN UkrSSR (for Shvets).

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

(A) L 11058-66 EPA/ENP(f)/T-2/ETC(m) NW

ACC NR: AP6002956 SOURCE CODE: UR/0286/65/000/024/0126/0126

INVENTOR: Kovalevskiy, M. M.; Gorshkov, V. N.; Zatkovetskiy, G. N.; Kumkov, P. A.; Shul'man, V. L.; Bantikov, Yu. S.; Svyatskiy, Z. M.

ORG: none

TITLE: Mixer and exhaust duct for a gas-turbine combustion chamber. Class 46, No. 177231

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 126

TOPIC TAGS: gas turbine engine, gas turbine, combustion chamber, turbine cooling

ABSTRACT: The proposed mixing chamber and exhaust duct is equipped with an external screen forming an annular clearance for feeding cooling air (see Fig. 1). The air then enters the mixing chamber through openings in its walls. To ensure a more uniform cooling of all combustion chamber components, the clearance is divided by a

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L 11058-66

ACC NR: AP6002956

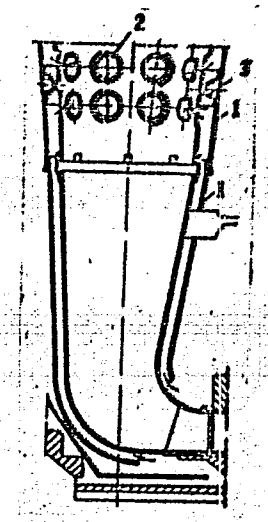

Fig. 1. Mixer and exhaust duct

1 - External screen; 2 - mixer openings; 3 - baffle.

baffle which permits part of the cooling air to enter the chamber directly and the rest in a counter-flow. Orig. art. has: 1 figure. [TN]

SUB CODE: 21/ SUBM DATE: 28Oct63/ ATD PRESS: 4178

Card 2/2

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

GUSEV, I.P., kand. tekhn. nauk (Novokuznetsk); ZATLER, I.A., gornyy inzh.; RUBINSKIY, Yu.M., dotsent

Establishing norms of cyclicity in longwall mines. Ugol' 38 no.11: 24-28 N '63. (MIRA 17:9)

1. Trest Kirovugol' (for Zatler). 2. Dnepropetrovskiy gornyy institut (for Rubinskiy).

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ZATLCUKAL, A.

The knuckling of shoe welts. p.14. (Kozarstvi, Vol. 6, no. 1 Jan. 1956) Praha

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6 no. 7, July 1957. Uncl.

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATLOUKAL, A.

"Experiences From the Exhibit 'How to Save Gas'", P. 198, (PALIVA, Vol. 34, No. 7, July 1954, Praha, Czechoslovakia)

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

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATLOUKAL, A.

Heating of houses; a discussion. Paliva 42 no.8:245-247 Ag '62.

1. Ustav pro vyzkum paliv Bechovice, pobocka Brno.

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATLOUKAL, A.

"How the Technical Book Helps Me; Letters From A Contest", P. 199, (PALIVA, Vol. 34, No. 7, July 1954, Praha, Czechoslovakia)

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

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATLOUKAL, A.

Household gas is the most efficient king of energy. Paliva 44 no.5/6:190-194 My-Je '64.

1. Research Institute of Fuels, Brno Branch.

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

CHVAIA, J.; ZATIOUKAL, F.

Sprengel deformity combined with other anomalies in a 7-year-old girl. Cesk. pediat. 14 no.2:143-146 5 Feb 59.

1. II. klinika pro ortopedii a detskou chirurgii fakulty detskeho lekarstvi, vedouci prof. MUDr. O.Knevkovsky. J. Ch., Praha 16, Lidicka 1.
(SCAPULA, abnorm.
Sprengel's abnorm., with other anomalies, in 7-year-old girl (Cz))

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

VEVERA,J.; ZATLOUKAL, F.

A case of congenital abnormalities probably caused by atabrine administered during early pregnancy. Cesk. pediat. 19 no.3: 211-212 Mr'64

1. Detsko-kojenicke oddeleni nemocnice v Kraslicich; vedouci: MUDr.J.Vevera

*

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

VEVERA, J.; ZATLOUKAL, P.

Attacks of cyanosis in newborn infants associated with extrasystoles of supraventricular origin. Cesk. pediat. 18 no.6: 513-514 Je '63.

1. Detske oddeleni nemocnice s poliklinikou v Kraslicich, vedouci MUDr. J. Vevera.
(INFANT, NEWBORN, DISEASES) (CYANOSIS)
(ELECTROCARDIOGRAPHY) (EXTRASYSTOLE)

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EXCERPTA MEDICA Sec 11 Vol. 8/5 O-R-L May 55

ZATLOUKAL F.

1116. ZATLOUKAL F. OÚNZ, Praha II. * Posuzování Ménièrova syndromu v sociálním pojištění. Evaluation of Ménière's syndrome in social insurance ČSL. OTOLAR. (Praha) 1954, 3/1 (31-36)

For the purpose of determination of injury compensation in Ménière's syndrome the author employs Vojaček's otolith reaction for the evaluation of subjective disturbances. He divides subjective complaints into 2 categories of giddiness: (1) tendency to vertigo - temporary or persistent; (2) real vertigo - temporary or persistent, accompanied by falling and vomiting. He estimates patients suffering from giddiness at 0-20% and from real vertigo at 10-60% of full injury compensation. Functional alterations after Vojaček's otolith test of zero and first degree correspond to 0-10%, those of 2nd degree to 20-40%, and those of 3rd degree to 40-60% of full injury compensation. In the administration of invalidity compensation a certain degree of vestibular alteration was taken into consideration with regard to original profession of the patient. Kotyza - Plzeň (XI, 4)

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATLOUKAL, F., MUDr.

Treatment of inflammatory diseases of the upper respiratory tract by ambulatory inhalation of small doses of penicillin. Cas. lek. cesk. 95 no.3:64-69 20 Jan 56.

1. OUNZ Praha 2. Reditel MUDr. A. Bily.
(RESPIRATORY TRACT, diseases,
ther., penicillin aerosols, small doses)
(PENICILLIN, therapeutic use,
resp. tract dis., aerosols of small doses)
(AEROSOLS, therapeutic use,
penicillin in resp. tract dis., small doses)

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATLOUKAL, F.

Considerations on Meniere's disease from the point of view of social insurance. Csl otolaryn 3 no.1:31-36 Mr '54. (EEAL 3:8)

1. Z OUNZ Praha 2, reditel MUDr A.Bily.
(MENIERE'S DISEASE,
*in health insurance)
(HEALTH INSURANCE,
*in Meniere's dis.)

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ZATLOUKAL, J.

CZECHOSLOVAKIA/Analytical Chemistry - Inorganic Analysis. E

Abs Jour : Ref Zhur Khimiya, No 20, 1959, 71227

Author : Zatloukal, Jan
Inst : -
Title : The Determination of Lithium Chloride and Potassium Chloride in Mixtures by the Electrical Conductivity Method

Orig Pub : Chem. prumysl, 1959, 9, No 3, 131-132

Abstract : The method of electrical conductivity was applied to the quantitative analysis of the mixture of LiCl and KCl. The calibration curve for the solutions containing 5 g of the mixture of LiCl and KCl in 1 liter is a straight line. The total amount of LiCl and KCl is determined gravimetrically. The error of the method for the ratio LiCl:KCl = 1:1 is ± 0.2%, for the ratio LiCl:KCl = 1:10 is ± 1%, and for the ratio LiCl:KCl 1:100 is ± 10%. -- N.Turkevich.

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80370

S. 4110

Z/009/60/000/04/008/041
E142/E235

AUTHORS: Zatloukal, J., Jäger, L., Machala, J, and Jerman, Z

TITLE: Phase Equilibrium in the KCl-LiCl-CH_3OH-H_2O-System

PERIODICAL: Chemický průmysl, 1960, Nr 4, pp 194-196

ABSTRACT: The solubility of lithium chloride in alcohols is considerably higher than in other alkaline chlorides. In anhydrous methanol the solubility of LiCl is 30.4% and for KCl 0.53% (at 25°C). Therefore, it can be assumed that only LiCl will be soluble during extraction. The phase equilibria of KCl-CH_3OH-H_2O, LiCl-CH_3OH-H_2O, KCl-LiCl-CH_3OH and KCl-LiCl-CH_3OH-H_2O were measured. Water was added to the systems as it is difficult to prepare an anhydrous mixture of the two chlorides and it is also necessary to know the effect of a small percentage of water during extraction. All tests were carried out at a temperature of 25 ± 0.05°C. Analytic details have been described in a previous publication (Ref 1). Experimental results for the various systems (Tables 1 to 4) and phase equilibria (Figs 1 to 4) show that pure anhydrous lithium chloride can be obtained

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80370
Z/009/60/000/04/008/041
E142/E235

Phase Equilibrium in the KCl-LiCl-CH_3OH-H_2O-System

from anhydrous mixtures of LiCl and KCl by extraction with methyl alcohol and evaporation of the obtained solution. There are 4 figures and 4 tables, and 2 references, 1 of which is Czech and 1 English.

ASSOCIATION: Výzkumný ústav anorganické chemie, Ústí nad Labem (Research Institute for Inorganic Chemistry, Ustí n. Labem)

SUBMITTED: December 19, 1959

Card 2/2

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATLOUKAL, J.

"Estimation of lithium and potassium chlorides in mixtures using electric conductivity."

CHEMICKY PRUMYSL, Praha, Czechoslovakia, Vol. 9, No. 3, March 1959.

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

Unclassified.

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATLOUKAL. M.

Wearability tests by means of the comparative method.
Ind text Rum 14 no.12:571-574 D'63.

1. Institutul de cercetari pentru industria linii din Brno, R.S. Cehoslovaca

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

COUNTRY: Czechoslovakia
CATEGORY:

80646

ABS. JOUR. : RZKhim., No. 22 1959 No.

AUTHOR : Zatloukal, M.
INST. : Not given
TITLE : Brief Data on Fabrics Made from Wool-Polyester Blends

ORIG. PUB. : Textil (Czechoslovakia), 14, No 1, 16-17 (1959)

ABSTRACT : In view of the marked increase in the production of wool-polyester fabrics currently underway in Czechoslovakia, the author discusses some of the properties of polyester fibers which must be taken into account in the development of the technology of the production of the above-mentioned fabrics.

T. Zvarova

CARD: 1/1

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATLOUKAL, M.

Short notes on wool fabrics with polyester staple fibers. p. 16.

TEXTIL. (Ministerstvo lehkeho prumyslu) Praha, Czechoslovakia. Vol. 14, no. 1, January 1959.

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

Uncl.

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

1ST AND 2ND CODES

PROCESSES AND PROPERTIES INDEX

B

5

Machining of Aluminum and Its Alloys. (In Czech.) Zdenek Zatloukal. *Hutnické Listy*, v. 3, Apr.-May 1948, p. 120-126.

Author indicates optimum conditions for the above. Data are charted and tabulated.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

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PROCESSES AND PROPERTIES INDEX

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5

Machining of Aluminum and Its Alloys. (In Czech.)
Zdenek Zatloukal. *Hutnické Listy*, v. 3, Apr.-May 1948, p. 120-126.

Author indicates optimum conditions for the above. Data are charted and tabulated.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

A

G

264-18. Obrabení hliníku a jeho slitin. (Machining of Aluminum and Its Alloys.) Zdenek Zatloukal. *Hutnické Listy*, v. 3, April-May 1948, p. 120-126.
Optimum conditions for machining aluminum and its alloys.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7"

"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATLOUKAL, Z.

Distr: 4E2c

Powder metallurgy in the realm of soft magnetic materials. Zdeněk Zatloukal (Metal Research Inst., Panenské Brezany, Czech.). Pokroky práškové met., Sborník konf., Brno 1953, 270-8 (Pub. 1954).—A short description of the prepn. of iron from $Fe(CO)_5$, of Sendust, of permalloy, of the various ferrites, such as $ZnO.Fe_2O_3$, and of mumetal is given, together with the magnetic properties of these materials.

Werner Jacobson

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

ZATLOUKALOVA, M.

Testing tissues made of polyester fibers by practical wearing. p. 59.

TEXTIL. (Ministerstvo lehkeho prumyslu) Praha, Czechoslovakia. Vol. 14, no. 2, Feb. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, no. 10, Oct. 1959. Uncl.

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

Zatloval, E.

AGRICULTURE

Effects of the resolutions of 11th Congress of the Communist Party of Czechoslovakia on further development of production of agricultural machinery and on agricultural mechanization. p. 145.

Vol. 3, no. 7, July 1958

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 4, April 1959

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ZATOCIL, Fr.; POSPISIL, A.; NOVOTNY, Z.

Spectrum analysis of noise in the evaluation of occupational deafness. Cesk.otolar.9 no.6:333-338 D '60.

1. Vyzkumna ORL laborator CSAV, ORL klinika-Praha, vedouci laboratore a prednosta kliniky akademik Antonin Precechtel.
(NOISE)
(DEAFNESS etiol)
(OCCUPATIONAL DISEASES)

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"APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963920004-7

MALCIK, V.; ZATOCIL, F.

Word audiometry for aviators. A new method of testing the hearing of flight personnel. Cesk. otolaryng. 12 no.2:85-91 Mr '63.

1. Ustav leteckeho zdravotnictvi v Praze ORL laborator CSAV.
(AUDIOMETRY) (AVIATION MEDICINE)

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