





STAMATIU, M.

Slow Gas Discharges and Sudden Gas Outbursts in the Salt Mines of the Rumanian People's Republic and Other Countries (Causes and Measures for Fighting them). Revista Minelor (Mining Journal), #7:209: July 55

STAMATIU, M.

H-8d

RUMANIA/Chemical Technology - Chemical Products and Their Application, Part 2. - Elements, Oxides, Mineral Acids, Bases, Salts. - Other Elements, Oxides, Mineral Acids, Bases, Salts.

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 21989

Author : M. Stamatiu

Inst : -

Title : Influence of Saturated Sodium Chloride Solutions on Strength of Rock Salt from "Ocna Muresului" Mine.

Orig Pub : Rev. minerol, 1956, 7, No 9, 399-413

Abstract : Results of the determination of mechanical properties (resistivity to compression, tension, rupture, bending and shearing) of 364 rock salt specimens from the "Ocna Muresului" mine after they have been kept 7 days in a saturated NaCl solution. These magnitudes are compared with data of dry specimens. The specimens of cubic shape kept in a saturated NaCl solution show an increase of the

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RUMANIA/Chemical Technology - Chemical Products and Their Application, Part 2. - Elements, Oxides, Mineral Acids, Bases, Salts. - Other Elements, Oxides, Mineral Acids, Bases, Salts.

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 21989

compression resistance of 4 to 16%. The shearing resistance of specimens prepared in the shape of thick prisms and kept in NaCl is by 21% greater than that of dry specimens. The increase of the resistance to compression and shearing of wet specimens is explained by the deposition of fine NaCl crystals in pores and on the rough surface of the specimens. The resistance to bending and tension decreases by 50%, which is explained by a decrease of the adhesion among the salt crystals in consequence of the saturated NaCl solution action. The change of mechanical properties depends on the depth, to which the NaCl solution has permeated the specimen. Specimens of white salt showed a lower resistance to breaking than specimens of salt

Card 2/3

Card 3/3

Stamatiu, M.

Physical and mechanical properties of complex ore and rocks from the bedding of the main stratum, 12th west horizon, in Baia-Sprie. p. 227.

STUDII SI CERCETARI DE GEOLOGIE. Bucuresti, Rumania. Vol. 3, No. 3/4, 1958.

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

Uncl.

STAMATI, Mikhail; MAKHO, G.P. [translator]; RUPPENYET, K.V.,  
doktor tekhn. nauk, red.; MESHCHANKINA, I.S., tekhn. red.

[Calculation of pillars in salt mines] Raschet tselikov na  
solianykh rudnikakh. Moskva, Gosgortekhnizdat, 1963. 107 p.  
(MIRA 16:7)

(Mining engineering)

STANATOIU, I. dr.; FIADREA, Gh., dr.; VASILESCU, C., dr.

at the scapuloperoneal form of progressive muscular dystrophy.  
Neurologia (Bucur) 10 no.1221-27 Ja-F'65.

1. Increre efectuata in Clinica de neurologie a Spitalului  
"Colentina", Bucuresti.

STAMATOIU, I.; VASILESCU, C.

Research on the role of the nervous system in the pathogenesis of the motor manifestations of experimental parathyroprival tetany. Stud. cercet. neurol. 10 no.3:183-194 Je '65.



STAMATOV, D.

Areas and zones of radio communication, and work of radio  
fans. Radio i televizija 11 no.6:166-167 '62.

PETROV, G.; GEORGIEV, S.; ILIEVA, V.; BUNDZHULOV, V.; STOICHEV, L.  
STAMATOV, G.

Graphic method for the selection of reducers. Godishnik mash elekt  
10 no.1:59-68 '61 (publ. '62).

PETROV, G.; GEORGIEV, S.I.; ILIEVA, V.; BUNDZHULOV, V.; STOICHEV, L.;  
MALINOV, N.; STAMATOV, G.

Graphic method for the computation of conveyors with rubber-  
textile bands. Godishnik mash elekt 10 no.1:69-80 '61 (publ. '62).

PETROV, G.; GEORGIEV, Sl.; ILIEVA, V.; BUNDZHULOV, V.; STOICHEV, L.;  
KODZHANSKA, N.; MATINOV, N.; CHORBADZHIEV, D.; STOIANOV, St.;  
STOEV, G.; STAMATOV, G.

Graphic method for the computation of cylindrical vessels under  
external and internal pressure. Godishnik mash elekt 10 no.1:81-  
93 '61 (publ. '62).

B/004/61/000/010/003/003  
D201/D304

AUTHORS: Davidkov, P., and Stamatov, St., Engineers  
TITLE: New information about metal processing under pressure  
PERIODICAL: Tekhnika, no. 10, 1961, 36 - 37

TEXT: The article contains a short informative description of the new methods in processing of metals under pressure including: a) The method of super-cooled austenite; b) the method of blocking; c) the method of thermo-mechanical processing; d) the method of deformation by vibration; e) the method of explosive stamping; f) the method of hydro-electric processing. No detailed description of procedures are given. There are 4 Soviet-bloc references. ✓

Card 1/1

DAVIDKOV, Petur, k. t. n.; STAMATOV, Stamat. inzh.

Some phenomena in the axial bush hammering of metals.  
Tekhnika Bulg 11 no.9:333-335 '62.

TSVETANOV, B.; STAMATOV, St.; MERDZHANOV, L.

Changes in non-specific immuno-biological reactivity in patients with osteoarticular tuberculosis under the influence of thalassotherapy. Khirurgia 15 no.2/3:307-308 '62.

1. Iz Sanatorium za kostno-stavna tuberkuloza - Varna.  
(TUBERCULOSIS OSTEOARTICULAR ther)  
(THALASSOTHERAPY)

DGINOV, M.; STAMATOV, St.

Problems of our Black Sea resorts. Suvr. med. 14 no.10:  
18-28 '63.

S



BOEV, Boian; STAMATOV, Todor

Role of wild animals in maintaining and spreading trichinosis and the control of the Sanitary Veterinary Service. Selskostop nauka 1 no.4/5:517-520 '62.

1. Raionna veterinarna spantsia vuv Varna.

BULGARIA

STAMATOV, Todor, Dr, Inspector of Veterinary Refrigeration Plant (inspektor po veterinarno khladilno delo,) Varna.

"Veterinary Sanitation Control and the Over-All Development Plan."

Sofia, Veterinarna Sbirka, Vol 60, No 6, 1963; pp 24-27

Abstract: Exhortatory comments accompany outline of plan for a general vast increase in animal production between now and 1980. The irreversible trend to movements of rural population into cities and many other difficulties militate against efforts, but this only makes the tasks more challenging and veterinary workers have the greatest opportunity of making effective contributions to fulfilment of all plans set by party and government. Many aspects of plan and needs are reviewed and discussed.

1/1

TABAKOV, B.; STAMATOV, T.; URUCHEV, K.

Staphylococcosis in rabbits. Izv Vet inst zaraz parazit 8:  
225-229 '64.

*Tiutiulkov, V.*  
TYUTYULKOV, N. [Tiutiulkov, N.]; TSVETANOV, K.; STAMATOVA, V.

*Stamatova, V.*  
Polarographic behaviour of polymorphic modifications of  
 $\alpha$ -anisaldoxym. Doklady BAN 16 no. 4: 389-392 '63.

1. Submitted by Corresponding Member B. Kourtev [Kurtev, B.]

STAMATOVIĆ, Ljubisa, sanitetski kapetan dr.; DEVIC, Milorad, sanitetski kapetan; MILENKOVIC, Dragoslav, sanitetski porucnik dr.

Survey of an epidemic of angina and pharyngitis in a military unit. Vojnosanit Pregl. 21 no.2:99-103 F '64.

YUGOSLAVIA / Diseases of Farm Animals. Diseases R-1  
Caused by Bacteria and Fungi.

Abs Jour: Ref Zhur-Biol., No 2, 1958, 7304

Author : Stamatovic<sup>S</sup> Mikhaylovich B

Inst : Not Given

Title : Infectious Inflammation of the Hoofs of Sheep

Orig Pub: Veterin. glasnik. 1956, 10, No 10, 745-752 (Serbo-Khorv.).

Abstract: The epizootology, ethiology, pathological anatomy, the clinical picture, diagnosis, differential diagnosis, treatment and prophylaxis of hoof rot are described. In Yugoslavia this disease has great importance in sheep breeding. In bacteriological examination of diseased hoofs Spirohaeta penortha S necrophorus and Fusiformis nodosus were found. In treating the disease, good results were obtained

Card 1/2

YUGOSLAVIA / Diseases of Farm Animals. Diseases  
Caused by Bacteria and Fungi.

R-1

Abs Jour: Ref Zhur-Biol., No 2, 1958, 7304

Abstract: from copper sulfate, 5 percent "chloramphenicol" ointment, terramycin ointment and a solution of picric acid saturated with 96 percent alcohol, as well as from bathing with 5-10 percent solution of acid copper sulfate or in a 5-10 percent solution of formalin. The diseased sheep were separated from the healthy ones, and no less than a month were released into the healthy flock after their recovery.

Card 2/2

STAMATOVIĆ S. R

Country : YUGOSLAVIA

Category : Diseases of Farm Animals. Diseases Caused by Bacteria and Fungi

Abs. Jour. : Ref Zhur-Biol, No 23, 1958, No 105823

Author : Mihajlovic, B.; Stamatovic, S.

Institut. : -

Title : Results of the Studies of Foot Rot in Sheep

Orig Pub. : Veterin. glasnik, 1958, 12, No 1, 13-20

Abstract : An outbreak of foot rot occurred among the sheep on a farm situated in a mountainous region. The disease was brought in by imported Merino sheep. In the smears taken from the affected tissue, Fusiformis nodosus and Spirochaeta penortha were found. As a result of therapeutic and prophylactic measures taken (treatment of extremities with formalin, chloromycetin, copper sulfate, change of pasture), the disease was stamped out on the farm.-- A. F. Kukhto

Card: 1/1

"A Fungal Alimentary Intoxication in Hogs: Vulvovaginitis suum."

Belgrade, Veterinarski Glasnik, Vol 17, No 6, 1963, pp 507-510.

Abstract: Authors' English summary modified The authors conclude on the basis of their investigations of 2500 infected hogs that the disease known as Vulvovaginitis suum is a subacute and chronic alimentary intoxication caused by fungal infection from grains (corn, barley). The disease can be brought about within 10 days with test feedings of infected feed. The signs of the disease disappear when the use of infected feed stops.

Western references.

1/1



STAMBERA, Jaroslav, inz.

Symposium of the Coordination Commission of Socialist States on  
Vegetables. Vestnik CSAZV 6 no.11:599-600 '59. (KRAI 9:5)

1. Vyzkumny ustav zelinarsky CSAZV, Olomouc.  
(Europe, Eastern--Vegetables)

STAMBERA, Jaroslav, Inz., kandidat zemedelskich ved.

Expert qualifications of vegetable growers must be continually increased. Vestnik CSAZV 7 no.4:228-231 '60. (EEAI 9:9)

1. Reditel Vyzkumneho ustavu zelinarskeho Ceskoslovenske akademie zemedelskych ved, Olomouc.  
(Czechoslovakia--Vegetables)

STAMBERA, Jaroslav, Inz., kandidat zemedelskych ved

From the activities of the Vegetable Research Institute of the  
Czechoslovak Academy of Agricultural Sciences in Olomouc. Vestnik  
CSAZV 7 no.11:617-620 '60. (EEAI 10:3)

1. Reditel Vyzkumneho ustavu zelinarskeho Ceskoslovenske akademie  
zemedelskych ved, Olomouc  
(Czechoslovakia--Vegetables)

STAMBERA, Jaroslav, C.Sc.Inz.; LUZNY, Jan, Inz

Solved research tasks on the cultivation of vegetables. Vestnik CSAZV  
7 no.12:635-637 '60. (EEAI 10:4)

1. Vyzkumny ustav zelinarsky Ceskoslovenske akademie zemedelskych  
ved. Olomouc.  
(Czechoslovakia--Vegetables)

STAMBERA, Jaroslav, C.Sc.Inz.

From the meeting of the international coordination commission on  
vegetable growing and research, Vestnik CSAZV 8 no.4:211-212 '61.  
(EEAI 10:6)

1. Reditel Vyzkumneho ustavu zelinarskeho Ceskoslovenske akademie  
zemedelskych ved, Olomouc.  
(Vegetables)

STEJSKAL, Jan; PLESNIK, Jan; HRUSKA, Ladislav; SVOBODA, Jaroslav; NAJMR, Stanislav; PREININGER, Miroslav; HAUNER, Frantisek; BENDA, Josef, inz.; KRAJCOVIC, Vladimir; VLCEK, Kvetoslav; KRBLICH, Jan; CERNY, Ladislav, Dr.; DVORACEK, Miroslav, inz. dr.; CHYTRA, Frantisek, inz.; FOLTYN, Jiri; VYSKOT, Miroslav; STAMBERA, Jaroslav, C.Sc. Doc.Inz.; KOSIL, Vladimir; STUHLIK, Jaroslav, Inz.; NAKLADAL, Jaroslav, Inz.; RICHTER, Lev, MVDr.

Statements of directors of institutes, and of managers of workplaces of the Czechoslovak Academy of Agricultural Sciences. Vestnik CSAZV 8 no.8/9:496-531 '61.

1. Dopisujici clen Ceskoslovenske akademie zemedelskych ved (for Stejskal, Plesnik, Hruska, Svoboda, Najmr, Preininger, Hauner, Benda, Krajcovic, Krblich, Dvoracek, Foltyn, Vyskot, Kosil) 2. Clen redakcni rady Vestniku Ceskoslovenske akademie zemedelskych ved (for Plesnik, Preininger, Foltyn, Vyskot) 3. Reditel Vyzkumneho ustavu zivocisne vyroby Ceskoslovenske akademie zemedelskych ved v Uhrinevsi (for Dvoracek) 4. Reditel Ustavu pro vedeckou soustavu hospodareni Ceskoslovenske akademie zemedelskych ved v Praze (for Benda)

(Czechoslovakia—Agriculture)

STAMBERA, J., doc., inz., C.Sc.; LUZNY, J., inz.; NOVAKOVA, Z., promovany  
biolog

Need for introduction of heterosis effect in vegetable cultivation.  
Vestnik vyzk zemedel 9 no.7:358-363 '62.

STAMBERA, Jaroslav, doc., inz., C.Sc.

World Gardening Congress in Brussels. Vestnik vyzk zemedel  
9 no.11:534-525 '62.

1. Zahradnicka katedra, Vysoka skola zemedelska, Lednice na  
Morave.



STAMBERA, Jaroslav, doc. inz. CSc.

Information on the study trip to Sweden. Vest ust zemedel  
ll no.1:20-24 '64.

1. Vysoka skola zemedelska, katedra zahradnicka, Lednice na  
Morave.

CZECHOSLOVAKIA / Chemical Technology. Carbohydrates and their Processing. H-26

Abs Jour : Ref. Zhur-Khimiya, No 12, 1958, 41219

Author : Stamberg, Filip

Inst : Not given

Title : Decolorizing Ionites. III. Evaluation of Decolorizing Properties.

Orig Pub : Listy ukrovarn., 1957, 73, No 11, 243-248

Abstract : A description is given of the apparatus, the technique, and the results of the investigations concerning the evaluation of the static and the dynamic methods for the decolorizing properties of imported and of two domestic ionites. The static method was found to be more convenient, with a relative error of results of  $\pm 3.4\%$ . The most effective

Card 1/2

23

STAMBERG, J.

Ion exchange membranes.

P. 389 (Chemicky Prumysl. Vol. 7, no. 7, July 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (BEAI) LC. Vol. 7, no. 2, February 1958

*STAMBERG, JORI*  
CZECHOSLOVAKIA / Chemical Technology, Chemical Compounds and  
Their Application. Part 3 - Carbohydrates and  
Their Treatment.

H-25

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 12734.

Author : Karel Giz, Jori Stamberg, Valadimir Valtor.

Inst : Not given

Title : Discoloring Ionites.

Orig Pub : Listy cukrovarn., 1957, 73, No 8, 182 - 184.

Abstract : A review article concerning the discoloring of sugar solutions in general and by ionites in particular. The methods of ionite production are briefly described and their characteristics are presented. Bibliography with 22 titles.

Card 1/1

STANING, J.; FIMP, C.

Decolorant "ionexes." III. Contribution to the evaluation of decolorizing properties.

P. 243. (LISTY CUKROVARNICKE.) (Praha, Czechoslovakia) Vol. 73, No. 11, Nov. 1957

SO: Monthly Index of East European Accession (EEAI) LC. Vol. 7, No. 5, 1958



CZECHOSLOVAKIA / Chemical Technology. Chemical Prod- H-26  
ucts and Their Applications. Carbo-  
hydrates and Their Processing.

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 9922.

Author : Filipczak, I., Cihal, K., Stamberg, J.  
Inst : Not given.  
Title : Polyelectrolytes as Coagulants in the Sugar  
Industry. I. Their Application in the Cane  
Sugar Industry in Treatment of Process and  
Drainage Waters.

Orig Pub: Listy cukrovarn., 1958, 74, No 4, 88-91.

Abstract: An article reviewing properties of synthetic  
polyelectrolytes (PE). Rates of PE are indi-  
cated for agricultural improvement of soil  
structure, for purifying process and drinking  
water, waters from hydrotransporters and wash-

Card 1/2

S TAMBERG, J. R.

Decolorex ion-exchange types based on polycondensation resins from *m*-phenylenediamine and resorcinol with formaldehyde. Jiri Štamberg (Výzk. ústav synt. pryskyřic a laků, Pardubice, Czech.). *Chem. průmysl* 9, 209-14 (1959); cf. *ibid.* 8, 276(1958).—The decolorizing efficiency ( $D_2$ ) of anionic and amphoteric ion exchangers with decolorizing action (Decolorex) was studied. The anionic was obtained by polycondensation of *m*-phenylenediamine (I) and HCHO; the amphoteric was obtained from I, HCHO, and resorcinol (II). The max.  $D_2$  was found for amphoteric ion exchangers at  $f_R = 0.1$  ( $f_R =$  mole fraction of II) after acid regeneration. The dependence of the swelling ratio (B) of both ion exchangers on the reaction conditions was established, B being related to the structure and  $D_2$ . The value of the wt.- $D_2$  of both ion exchangers increased with increasing porosity to a max. value; the latter was increased by dilg. the reaction mixt. with H<sub>2</sub>O. The structure and porosity were stabilized by steaming the ion exchangers. The  $D_2$  of Decolorex resins to dyes of molasses is increased if molasses is added to the initial reaction mixt.

JW  
1/1

3  
2 May  
HE 20 (j)

J. Štamberg



AUTHOR : С. П. КОПЕЦКАЯ  
 ORG. : Chemical Technology, Chemical Products and  
 Their Appl. Part 4. Synthetic Polymers, Plastics  
 JOUR. : Резюме, No. 1 1960, No. 3045  
 AUTHOR : Копецкая, С.; Штамберг, С.  
 TITLE : Мембраны  
 TITLE : Heterogeneous Ionite Membranes

ORIG. PUB. : Chem. promysl, 1959, 9, No 1, 43-48

ABSTRACT : The mechanical properties and ion exchange capacity of heterogeneous membranes were studied on the basis of the cationite of Czechoslovak manufacture "Katax S" (sulfurated copolymer of styrene and divinyl benzene) and anionite MoPait L-165 (SBR). High-pressure polyethylene, polyisobutylene, their mixtures and chloroprene rubber were used as carriers of ionites\*. It was established that the best combination of mecha-  
 \*ion exchangers

CARD: 1/3

H-161

ABS. JOUR. : RZKhim., No. 1 1960, No. 3045

AUTHOR :

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652820002-5"

TITLE :

ORIG. PUB. :

ABSTRACT : nical stability and high ion exchange capacity is ensured by membranes with 65% content of ionite, with the use of polyethylene and polyisobutylene in the ratio of 4:1 as binding mixture. The effect of the degree of fragmentation of ionite upon the properties of membranes was also studied. The total ion exchange capacity of the obtained type of cationite membranes equals 3.06 mg-eq/g, the

CARD: 2/3

STAMBERG, J.

"Elimination of calcium from commercial brines by sorption on cationic exchange resins."

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

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

Unclassified.

STAMBERG, J.; DUSEK, K.

Character of sorption processes in decolorizing with ion exchangers. p. 489.

CHEMICKY PRUMYSL. (ministerstvo chemickeho prumyslu) Praha, Czechoslovakia,  
vol. 9, no. 9, Sept. 1959.

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

Z/006/60/000/024/002/004  
D005/D102

AUTHOR: Štamberg, Jiří, Engineer

TITLE: Ion exchangers proved successful. A new type of synthetic resins

PERIODICAL: Technické noviny, no. 24, 1960, 4

TEXT: The article describes the well-known principle of synthetic ion-exchange resins and lists their principal uses, including the following: Water treatment for power-plant boilers; separation of uranium from ores; processing of radioactive wastes from nuclear power plants and reactors; recovery of nickel and chromium from plating baths; removal of ash contents and lime in sugar production; separation of antibiotics and alkaloids in the pharmaceutical industry. In addition to production applications, ion-exchange resins render valuable services in various research fields, medicine and agrochemistry. Several types of ion-exchange resins are already being produced in the ČSSR and a number of new types has been developed by the Výzkumný ústav syntetických pryskyřic a laků (Research

Card 1/2

Ion exchangers proved...

Z/006/60/000/024/002/004  
D005/D102

Institute of Synthetic Resins and Lacquers) in Pardubice. Their  
production will start in the near future.

Card 2/2

S/081/62/000/013/028/054  
B177/B101AUTHORS: Štamberg, Jiri, Seidl, Josef

TITLE: Extraction of germanium

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 13, 1962, 413, abstract  
13K200 (Czech Patent 98054, January 15, 1961)

TEXT: Ge is extracted from the soot or ash of hard coal (0.001-0.01 % Ge) by conc. HCl. The extract is passed through an ion-exchange column, the column is flushed with pure 20 % HCl and the Ge eluted with water. The eluate contains 2.5-10 g/l Ge and 0.3 % HCl. The Ge is extracted from the concentrate electrolytically, e.g. by anodic oxidation of the Cl<sup>-</sup> ions, thereby depositing metallic Ge at the cathode, or by electrolyzing the eluate in a bath with an anion-exchange membrane. In the latter case the Ge may be separated in the form of GeO<sub>2</sub>. Example: an extract of Ge in 20 % HCl (Ge concentration, 0.1 g/l) is passed through the column, then the ion-exchange resin is flushed with 20 % HCl (5-10 l) and distilled water. Removal of the eluate begins after the concentration of HCl in the

Card 1/2

Extraction of germanium

S/081/62/000/013/028/054  
B177/B101

filtrate drops below 3 % (the ion-exchange resin being regenerated). The eluate obtained (10-15 l, Ge concentration 2.5-4 g/l, HCl concentration 0.3-0.5 %) is freed from the admixed HCl as indicated above.  
[Abstracter's note: Complete translation.]

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Card 2/2

STAMBERG, Jiri

"Theoretical basis of the synthesis of polyelectrolytes and ion exchangers" by Tadeusz Rabek. Reviewed by Jiri Stamberg. Chem prum 12 no.4:192 Mr '62.

1. Ceskoslovenska akademie ved, Ustav makromolekularni chemie.



STAMBERG, Jiri

"Ion exchangers and high molecular associations" by K.M. Saldadze, A.B. Paskov, and V.S. Titov, Reviewed by Jiri Stamberg. Chem prum 12 no.4:208 Ap '62.

1. Vyzkumny ustav syntetickych pryskyric.

STAMBERG, Jiri; VASICEK, Zdenek

Effect of the structure of ion exchange resins on their properties to decolorize sugar solutions. Chem prum 12 no.4:213-219 Ap '62.

1. Vyzkumny ustav syntetickych pryskyric a laku, Pardubice.

Z/061/62/000/050/001/001  
D005/D102

AUTHOR: Štamberg, Jiří, Engineer, Candidate of Sciences

TITLE: Ion exchange resins - synthetic high-molecular gels

PERIODICAL: Technický týdeník, no. 50, 1962, 5

TEXT: This is a popular description of the theory, mechanism and application of ion exchange resins. In Czechoslovakia, these substances are mainly used for water treatment at power stations. The Chemické závody (Chemical Works) in Záluží produces the "katex F extra" and "katex FK" ion exchange resins. The Spolek pro chemickou a hutní výrobu (Association for Chemical and Metallurgical Production) in Ústí nad Labem produces two more effective types with strongly acidic functional groups, designated "katex FK" and "katex S", respectively. Academician O. Wichterle worked out the synthesis of so-called oxo-compound exchangers which adsorb certain organic substances. Research is being made on further types of high-molecular adsorbents. In conclusion, the potentialities of ion exchangers for fuel-cell applications are emphasized.

Card 1/1

STAMBERG, Jiri

Decolorizing ion exchangers. Part 18: Brief characteristics of ion exchangers in production and under development. Listy cukrovar 79 no.1:6-11 Ja '63.

STAMBERG, Jiri; VASICEK, Zdenek

Decolorizing ion exchangers. Pt.19: Comparison of the new types of  
decolorizing ion exchangers. Listy cukrovar 79 no.2:33-39 F. '63.

CZECHOSLOVAKIA

PETRARIU, I; STAMBERG, J

Institute of Macromolecular Chemistry, Czechoslovak  
Academy of Sciences, Prague - (for both. Present  
address of Petrariu, Institut de Chimie "Petru Poni"  
al Academie R.P.R., Filiala Iasi, Rumania)

Prague, Collection of Czechoslovak Chemical Communi-  
cations, No 2, February 1967, pp 798-807

"Chemical transformation of polymers. Part 5: The  
Hofmann degradation of polymeric quaternary ammon-  
ium bases."

STAMBERG, J.

Chemical transition of polymers. Pt.2. Coll Cz Chem 29  
no.2:478-484 F '64.

1. Institute of Macromolecular Chemistry, Czechoslovak  
Academy of Sciences, Prague.

STAMBERG, K.

"Ion exchangers, their characteristics and applications "  
by K. Dorfner. Reviewed by K. Stamberg. Chem listy 55 :  
no.6:747-748 Je '65.



STAMBERG, Karel

Selectivity of strongly basic polystyrene anion resins to complex uranyl anions depending on branching ratio. Chem prum 12 no.12:686-689 D '62.

1. Vyzkumny ustav anorganicke chemie, Usti nad Labem

STAMBERG, Karel; DEDIC, Karel

Pressure loss in the passage of slurries through a column with pulsed ion-exchange bed. Chem prum 13 no.6:300-303 Je '63.

1. Vyzkumny ustav anorganicke chemie, Usti nad Labem.

STAMBERG, Karel

Types of ion exchange apparatus and their design. Chem listy  
57 no.7:688-697 JI '63.

1. Vyzkumny ustav anorganicke chemie, Usti nad Labem.

L 31470-66 EIC(f) DS/AT/RM

SOURCE CODE: CZ/0008/65/000/011/1295/1307

ACC NR: AP6023162

AUTHOR: Stamberg, Karel; Prochazka, Jaroslav

ORG: Czechoslovak Atomic Energy Commission, Prague (Ceskoslovenska komise pro atomovou energii)

39  
B

TITLE: Ion-exchange processes in agitated reactors

SOURCE: Chemicke listy, no. 11, 1965, 1295-1307

TOPIC TAGS: chemical reactor, isotope separation, ion exchange

ABSTRACT: Although continuously working ion exchangers are the best kind for chemical processes, there are still too many applications where only batch operating units can be used. Not enough is known about the kinetics and hydrodynamics of the processes in reactors to allow the construction of a model where the required residence time could be determined. In certain applications batch operating reactors may be used for pilotplanting a continuous process; this is true for instance in certain radio-isotope separations. When batch reactors are used for scaling up of continuous processes it should be realized that the concentration of the liquid in a batch reactor is a function of time; the necessary retention time for a continuous operation cannot be determined in such an experiment. Orig. art. has: 7 figures and 46 formulas. [JPRS]

SUB CODE: 07, 18 / SUBM DATE: none / ORIG REF: 004 / SOV REF: 001

OTH REF: 008

Card 1/1 mc

0915 1375

STAMBLER, G.

Effect of twisting torsion upon the initial torsion of component threads. p. 444

INDUSTRIA TEXTILE, Bucuresti, Vol 6, No. 12, Dec, 1955

SO: East European Accessions List (EEAL) Library of Congress, Vol 5, No. 7, July, 1956

STAMBOLI, P.K. (Moskva, K-1, ul. A. Tolstogo, d.27, kv.22)

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medical roentgenology. Vest.rent.i rad. 34 no.5:55-60 S-O '59.  
(MIRA 13:3)

(RADIOGRAPHY equipment & supplies)

STAMBOLIC, B.

STAMBOLIC, B.; KRANJCIC, M. "Possible transmission of trichomoniasis by gynecological examination in accordance with the present methods of disinfection of gloves and specula." p. 359. (Srpski Arhiv Za Celokupno Lekarstvo. Vol. 82, no. 3, Mar. 1954. Beograd.)

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954.  
Uncl.

COUNTRY : YUGOSLAVIA H  
CATEGORY : Chemical Technology. Chemical Products and  
Their Applications. Food Industry.  
ABS. JOUR. : RZKhim., no. 28 1959, No. 83871  
AUTHOR : Stambolic, M.  
INSTR. : -  
TITLE : Production of milk in Yugoslavia  
ORIG. PUB. : Mljekarstvo, 1959. 9, No 6, 121-124  
ABSTRACT : No abstract

CARD: 1/1



YUGOSLAVIA / Chemical Technology. Chemical Products H-13d  
and Their Application. Ceramics. Glass.  
Binding Materials. Concrete. - Binding  
Materials. Concrete and Other Silicate  
Building Materials.

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 78552.

Abstract: of sulfate solutions. All asbestos-cement prod-  
ucts of laminated structure are subject to corro-  
sion. The formation of protective coatings con-  
taining  $\text{CaCO}_3$ ,  $\text{Mg}(\text{OH})_2$  and silica gel on the sur-  
face of freshly prepared asbestos-cement prod-  
ucts is possible under certain conditions. This  
coating would protect the asbestos-cement from  
the aggressive action of sulfates. -- S. Tipol't.

Card 2/2

STAMBOLIEV, Hristo, vanredni profesor (Skopje); VELIKOV, Dimitar, asistent

Cellular anhydrite. Tehnika Jug 19 no.6: Suppl: Građevinarstvo  
18 no.6:1034-1038 Je '64.

1. Faculty of Engineering, University of Skopje, Skopje.

STAMBOLIEV, H.

Method of determination of specific work and absolute hardness of the abrasive in grain by grinding. p. 276.

Periodical: NOVA PROIZVODNJA.

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STAMBOLEEV, St.

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STAMBOLIEV, Stefan (Sofia); METEV, Vasil (Sofia)

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Epidemiological and laboratory research on food poisoning epidemic due to enterotoxic staphylococcus. p. 1665. Academia Republicii Populare Romine. COMUNICARILE. Bucuresti. Vol. 5, no. 11, Nov. 1955.

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BUSILA, V. T., prof.; VASILESCU, I., dr.; CUCUTUZ, L., dr.; ALEXANDRESCU, R., dr.;  
POPIAN, R., dr.; FITARAU, A., dr.; PLACINTA, A., dr.; STAMBOLIU, D. W., dr.;  
BACALOGU, D., dr.; PANA, G., dr.; NOVACOVICI, O., dr.; COTLEAREVSCHI, V.,  
dr.; COTLEAREVSCHI, E., dr.

Clinical and biological characteristics of a focus of trichinosis.  
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1. Clinica de boli contagioase, Timisoara (for Bacaloglu). 2. Spitalul  
si Sanepidul Orsova (for Cotlearevschi).

(TRICHINOSIS)

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BUSILA, V. T., Prof; POPIAN, R., Dr; STAMBOLIS, D. W., Dr; PETRESCU,  
El., Dr; CRISAN, I., Dr.

Clinic of Contagious Diseases, Institute of Medicine,  
Timisoara (Clinica de boli contagioase, Institutul  
de medicina, Timisoara) - (for all)

Bucharest, Viata Medicala, No 17, 1963, pp 1181-1187

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Content and composition of the free and protein-bound amino acids in the stolbur-diseased and healthy potato tubers. Godishnik biol 56 no.1:11-23 '61-'62 [publ. '63].

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Metastatic tumors of the central nervous system. ~~srpski arh. celok. lek.~~  
85 no.5:516-521 Mar 57.

L. Neurohirurška klinika Medicinskog fakulteta u Beogradu. Upravnik:  
prof. dr. Slobodan Kostic. Radioloski Institut Medicinskog fakulteta u  
Beogradu. Upravnik: prof. dr. Bogoljub Bosnjakovic. Patolosko-anatomski  
institut Medicinskog fakulteta u Beogradu. Upravnik; prof. dr. Marija  
Visnjic Frajdn.

(CENTRAL NERVOUS SYSTEM, neoplasms  
metastatic (Ser))



STAMBOLOVIC, Blagoje, der., Beograd

Treatment of chronic adenitis and parametritis of gonorrheal and septic etiology. Med. arh., Sarajevo 8 no.2:55-70 Mar-Apr 54.

1. Poliklinika VI Doma Nar. Zdravlja u Beogradu, upravnik dr. Katarina Guelmino.

(ADNEXITIS, ther.)

(UTERUS, dis.  
parametritis, ther.)

STAMBOLOVIC, Blagoje, Dr.

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1. Poliklin. VI Doma narodnog zdravlja u Beogradu Upravnik  
Dr. Katarina Guelmino.

(UTERUS, hemorrh.  
  funct., ambulatory ther. (Ser))  
(HEMORRHAGE)  
(MENORRHAGIA AND METRORRHAGIA, therapy,  
  metrorrhagia (Ser))

STAMBOLOVIC, Blagoje

Gastroptosis in differential diagnosis of the chronic adnexitis and parametritis. Srp arhiv lekar 82 no.2:162-172 P '54. (REAL 3:7)

1. VI Dom narodnog zdravlja u Beogradu (upravnik: dr. Katarina Guelmino) (Rad je Urednistvo primilo 27-IV-1953 god.)

(STOMACH, dis.

\*gastroptosis, differ. diag. from adnexitis & parametritis)

(UTERUS, dis.

\*parametritis, differ. diag. from gastroptosis & adnexitis)

(ADNEXITIS, differ. diag.

\*gastroptosis & parametritis)

STAMBOLIC, BLAGOJE

STAMBOLIĆ, Blagoje; KRANJČIĆ, Miroslava.

Possible transmission of trichomoniasis by gynecological examination in accordance with the present methods of disinfection of gloves and specula. Spr arhiv lekar 82 no.3:359-363 Mr '54. (REAL 3:6)

1. Mikrobioloski institut Medicinskog fakulteta u Beogradu, upravnik: prof. dr. Milutin Djurisić. 2. Poliklinika VI Doma narodnog zdravlja u Beogradu, upravnik: dr. Katarina Guelmino. (Rad je Urednistvo primilo 10-VII-1953 god.)

(TRICHOMONIASIS

\*vagina, transm. & prev., disinfect. of gloves & specula)

(VAGINA, dis.

\*trichomoniasis, transm. & prev., disinfect. of gloves & specula)

(ANTISEPSIS AND ASEPSIS

\*disinfect. of gloves & specula in prev. of vaginal trichomoniasis)

STAMBOLOVIC, Blagoje

STAMBOLOVIC, Blagoje, dr.; KRANJCIC, Miroslava

Treatment of vaginal trichomoniasis with mercusal suppositories.  
Srpski arh. celok. lek. 82 no.5:600-606 My '54.

1. Poliklinka VI Doma narodnog zdravlja u Beogradu, upravnik dr.  
Katarina Guelmino; Mikrobioloski institut Medicinskog fakulteta  
u Beogradu, upravnik prof. dr. Milutin Djuricic.

(TRICHOMONIASIS

\*vagina, ther., mercusal suppositores)

(DIURETICS, MERCURIAL, ther. use

\*trichomoniasis of vagina, mercusal suppositories)

(VAGINA, dis.

\*trichomoniasis, ther., mercusal suppositores)

STAMBOLOVIC, Blagoje

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(ASTHENIA, LEIAESTHENIA

abdom. & pelvic smooth musc., causing dis of sympathetic NS (Ser))

(SYMPATHETIC NERVOUS SYSTEM, dis.

caused by leiaesthesia of abdom. & pelvic musc. (Ser))

STAMBOLOVIC, Blagoje, Dr.; KRANJCIC, Miroslava, dr.

Treatment of vaginitis trichomonas. Med. glasn. 10 no.9:  
362 Sept 56.

1. Poliklinika VI Doma narodnog zdravlja u Beogradu (upravnik dr.  
K. Guelmino) Mikrobiologiski Institut Medicinskog fakulteta u  
Beogradu (upravnik prof. dr. M. Durisic).  
(VAGINITIS TRICHOMONAS, ther.  
indic. (Ser))

STAMBOLOVIC, Blagoje; MLADENOVIC, Vlastimir

Neuralgia pelvis. Srpski arh. celok. lek. 84 no.7-8:884-889  
July-Aug 56.

1. II Interna klinika Medicinskog fakulteta u Beogradu.  
Upravnik: prof. dr. Djordje Brkic. Poliklinika VI Doma  
narodnog zdravlja u Beogradu. Upravnik: dr. Katarina Guelmino.

(PELVIS, innervation,  
pudendal neuralgia (Ser))

(NEURALGIA,  
pudendal nerve (Ser))



STAMBOLOVIC, Blagoje

Prevention of marital sterility. Srpski arh. celok. lek.  
84 no.9:1038-1044 Sept 56.

1. Poliklinika VI Doma narodnog zdravlja u Beogradu Upravnik:  
dr. Katarina Guelmino.  
(STERILITY, prev. & control  
(Ser))

STAMBOLOVIC, Blagoje

Contraception among our married women. Srpski arh. celok. lek.  
88 no.2:193-202 F '60.

1. VI Dom narodnog zdravlja u Beogradu, Upravnik: dr. Katarina  
Guelmino.

(CONTRACEPTION statist.)

STAMBOLOVIC, Blagoje; MIRJANIC, Nikola; JERIC, Sonja

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1. Klinika za infektivne bolesti Medicinskog fakulteta Univerziteta  
u Beogradu. Upravnik: akad. prof. dr Kosta Todorovic. Ginekolosko-  
akuserska klinika Medicinskog fakulteta Univerziteta u Beogradu.  
Upravnik: prof. dr Sinisa Tasovac. Poliklinika VI Doma narodnog  
zdravlja u Beogradu. Sef: dr Katarine Guelmino.

(MUMPS compl) (STERILITY FEMALE etiol)

STAMBOLVIC, B.

7

YUGOSLAVIA

M. MILOVANOVIC, M. SRETEROVIC, B. STAMBOLVIC and A. JANKOVIC-BRMBOLIC  
Department of Microbiology of Medical Faculty (Mikrobioloski Institut  
Medicinskeg fakulteta) and Gynecologic Outpatients Unit of the First  
People's Health Institute (Dispanzer za zene I Doma narodnog zdravlja)  
Belgrade.

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Belgrade, Higijena, Vol 14, No 2-3-4, 1962; pp 130-139.

Abstract [German summary modified]: A study of the survival of unspecified  
number of strains of T. vaginalis on various solid substances (fabrics,  
paper, wood, metal) indicates main factor is amount of fluid available;  
rapid drying destroys the flagellate. Study in various natural mineral  
waters: susceptibility varies with strain. Flagellates were found in 34%  
of urethrae of sexual partners of women with chronic trichomonal  
vaginosis (no further data on this topic.) Conclusion: coital or fomite  
transmission is likely, spa or public bath less likely. Three Yugoslav,  
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VUJIC, M.; STAMBOLOVIC, L.

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1. Hirursko odeljenje Gradske bolnice u Senti (Sef dr. Milan Vuljic)  
i Patolosko-anatomski institut Medicinske velike skole u Beogradu  
(Upravnik prof. dr. Ksenofon Sahovic)

(HEMARTOMA

enterocystoma, causing acute ileus, surg.)

(INTESTINAL OBSTRUCTION, etiol. & pathogen.  
enterocystoma, surg.)

SIMIC, Sava, dr; MILICEVIC, Dragoslav, dr; STAMBOLOVIC, Ljubisa, dr;  
MIRKOVIC, Belimir, dr.

Clinical considerations on 200 cases of breast cancer. Srpski arh.  
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1. Onkoloski institut Medicinskog fakulteta u Beogradu.Upravnik:  
akademik prof. dr Ksenofon Sahovic.  
(BREAST, neoplasms)

SAHOVIC, K; ARAMBASIC, M.; STAMBOLOVIC, L; BROGIC, M

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1. Institut de pathologie de la Faculte de medecine de Beograd.
  - ( NERVES, CRANIAL, effect of drugs on,  
streptomycin, in meningeal tuberc.)
  - ( TUBERCULOSIS, MENINGEAL, therapy,  
streptomycin, eff. on cranial nerves)
  - ( STREPTOMYCIN, effects,  
on cranial nerves, in meningeal tuberc.)

SIMIC, Sava; STAMBOLOVIC, Ljubisa

Development and treatment of sarcoma of the face. Srpski arh.  
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1. Onkoloski institut Medicinskog fakulteta u Beogradu.

Upravnik: prof. dr. Marija Visnjic-Frajnd.

(FACE, neoplasms

sarcoma, pathogen. & surg. (Ser))

(SARCOMA,

face, pathogen. & surg. (Ser))



SIMIC, S.; STAMBOLOVIC, Lj.

Carcinomatous mastitis. Acta chir. Iugosl. 8 no.3:183-189 '61.

1. Hirursko odeljenje Onkologskog instituta Medicinskog fakulteta  
u Beogradu (Sef prof. dr S.Simic).  
(BREAST NEOPLASMS)

SIMIC, Sava; STAMBOLOVIC, Ljubisa

Carcinoma of the penis. Srpski arh. celok. lek. 89 no.11:1289-1294  
N '61.

1. Hirursko odeljenje Onkoloskog instituta Medicinskog fakulteta  
Univerziteta u Beogradu Sef: prof. dr Sava Simic.

(PENIS neopl)

S

USSR/Human and Animal Physiology. Digestion. The Intestines.

T-7

Abs Jour: Ref Zhur-Biol., No 12, 1958, 55767.

Author : Faitel'berg, R.O., ~~Starbol'skiy, M.M.~~

Inst : University of Odessa.

Title : Glucose Absorption by the Stomach and the Intestines  
in the Presence of Painful Irritations.

Orig Pub: Nauchn. yezhegodnik. Odessk. un-t, 1956. Odessa,  
1957, 231-232.

Abstract: A painful irritation of the posterior extremity  
in dogs (4 dogs with one isolated Pavlov ventricle,  
and 4 dogs with isolated Tiry loops), which was  
produced by induction current, intensified glucose  
absorption by the gastrointestinal tract. Also,  
intensification of the absorption conditioned  
reflex was observed.

Card : 1/1

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AVETISYAN, A.A.; STAMBOLTSYAN, K.M.

Effect of 2,4-dichlorophenoxybutyric acid on yields of sainfoin, studied against a background of different mineral nutrition. Izv. AN Arm.SSR.Biol.nauki 12 no.7:45-51 J1 '59. (MIRA 12:10)

1. Yerevanskiy zooveterinarnyy institut.  
(SAINFOIN--FERTILIZERS AND MANURES)  
(PLANTS, EFFECT OF BUTYRIC ACID ON)