

L 12292-63

EWI(m)/BDS/EPR(c) AFFTC/APGC Pr-4 EW/MN
S/081/63/006/005/049/075

AUTHOR: Vanos, and Kovats, E. 60

TITLE: Separation of hydrocarbon fractions of homogeneous group composition from gas oil of Tuimazi petroleum //

PERIODICAL: Referativnyy zhurnal, Khimiya, no. 5, 1963, 497, abstract 5P126
(Magyar asvanjolassal földgáz Kiserl. int. kozl, 1962, no. 3,
52 - 69)

TEXT: A narrow fraction was isolated under laboratory conditions from gas oil. After its deparaffinization by carbamide, from the starting and deparaffined fraction chromatographically on silica gel, aromatic hydrocarbons were separated, and then chromatographically on alumina aromatic hydrocarbons with varying numbers of cycles. The resultant isoparaffinic and cycloparaffinic hydrocarbons were separated, chromatographically on activated charcoal, into groups of hydrocarbons. after which the identification of the separated

hydrocarbons were separated, chromatographically on activated charcoal, into groups of hydrocarbons, after which the identification of the separated compounds was made.

[Abstractor's note: Complete translation]

Card 1/1

KOVATS, Edit

Chemical constitution of the Austrian condensate motor oils.
Veszprem vegyip egy kozl 4 no.4:347-348 '60

1. Magyar Asvanyolaj es Foldgaz Kiserleti Intezet, Veszprem.

KOVATS, F. 1949

(Budapest Paz. Pet. Tud Tudogyogyaszati Klinikajanak)

"Tb as Social and Individual Disease."

Mag. Belorv. Arch. 1949, 2/2(68-78)

No abst. in Exc. Med.

KOVATS, F.; KOVACS, M.

The effect of streptomycin on the cyclic development of tuberculosis.
Orv. hetil. 93 no. 13:395-397 30 Mar 1952. (CMLL 23:3)

1. Doctors. 2. Clinic for Pulmonary Diseases (Director -- Prof. Dr. Ferenc Kovats), Budapest Medical University.

KOVATS, F.; MIDUS, L.; LANYI, M.

New anti-tuberculosics. Tuber. kerdesei 5 no.3:43-44
Sept 1953. (CML 25:5)

1. Professor for Kovats; Doctor for Midus and Lanyi.
2. Clinic for Pulmonary Diseases (Director -- Prof. Dr. Ferenc Kovats), Budapest Medical University.

KOVATS, F.; BIDUS, L.; LANYI, M.

Demonstration of tubercle bacilli by a new pharyngeal slide procedure.
Orv. hetil. 93 no. 26 :761 29 June 1952. (GLML 23:3)

1. Doctors. 2. Pulmonary Diseases Clinic (Director -- Prof. Dr. Ferenc Kovats), Budapest Medical University.

KOVATS, Ferenc, dr. kandidatus; PAPP, Andras, dr.; UVEGESS, Jeno, dr.

Early results of pneumothorax. Tuberk. kerdesei 6 no.3:55-56
Aug 53.

1. Az Allami Koranyi Tudobeteggyoyintezet (igazgato: Dessauer Pal.
dr.) es az Allami Jozsef Tudobeteggyonyintezet (igazgato: Risko
Ribor dr.) kozlemeny
(PNEUMOTHORAX, ARTIFICIAL
early results)

KOVATS, F.

"Pulmonary Surgery" p. 195 (Elet Es Tudomány, Vol. 8 No. 7, February, 1953, Budapest)

SO: Monthly List of East European Vol. 3., No. 3 1954
Library of Congress, March 1954, Uncl.

KOVATS, F.; EIDUS, L.; LANYI, M.

Clinico-laboratory problems of nicotinic acid hydrazide therapy of tuberculosis. Orv. hetil. 94 no.9:225-229 1 Mar 1953. (GLML 24:3)

1. Doctors. 2. Clinic for Pulmonary Diseases (Director -- Prof. Dr. Ferenc Kovats), Budapest Medical University.

KOVATS, P.; BALOGH, G.; KERENYI, I.

Operative removal of primary peribronchial caseous lymph node.
Acta med. hung. 6 no.1-2:223-227 1954.

I. Klinik für Lungenkrankheiten und III. Chirurgische Klinik der
Medizinischen Universität, Budapest.

(TUBERCULOSIS, LYMPH NODE
bronchial, surg., excis.)

KOVATS, Ferenc; NURIDSANY, Janos; BIDUS, Laszlo

Data on a specific effect of isoniazid. Kiserletes orvostud.
6 no.6:494-499 Nov 54.

1. Budapesti Orvostudományi Egyetem Tudománygyógyászati Klinikája.
(NICOTINIC ACID ISOMERS, eff.
isoniazid on eosinophil count, ACTH-like eff. in
hypophysectomized rats)
(EOSINOPHIL COUNT, eff. of drugs on
isoniazid in hypophysectomized rats, ACTH-like eff.)
(PITUITARY GLAND, eff. of excis.
on eosinophil count response to isoniazid, ACTH-like
eff. in rats)

KOVATS, Ferenc, dr. candidatus; PAPP, Andras, dr.

~~XXXXXXXXXX~~

Complications of pneumoperitoneum treatment. Orv hetil 95 no.17:
469-472 Ap '54. (REAL 3:8)

1. Az Allami Koranyi Tudobetegyogyintezet (igazgato: Dessauer
Pal dr.) es az Allami Fodor Tbc. Gyogyintezet (igazgato: Risko
Tibor dr.) kozlemenye.

(PNEUMOPERITONEUM, ARTIFICIAL, compl.)

*

KOVATS, Ferenc, dr.,; MISKOVITS, Gusztav, dr.; HUTAS, Imre, dr.

Experimental studies on the formation of tuberculous abscesses, following intramuscular injections. Orv. hetil. 96 no.41:1126-1129 9 Oct 55.

1. A Budapesti Orvostudományi Egyetem Tudománygyógyászati Klinikájának (igazgató: Kovats Ferenc dr. egyet, tanár)

(TUBERCULOSIS, experimental

eff. of vegetable oils in intramusc. inject. on action of antituberculous agents in tuberc. infected guinea pigs & on form. of tuberc. abscesses)

(OILS

vegetable oils in intramusc. inject., eff. on action of antituberculous agents in tuberc. infected guinea pigs & on form. of tuberc. abscesses)

KOVATS, Ferenc, dr., Jr.;; MEGGYESHÁZY, János, dr.;; BALOGH, Pálné dr.;;
VÁRDOS, Sárolta, dr.

Morphology and roentgenology of the round tuberculous shadows
in the lung. Tuberk. kérdései 9 no.1:1-5 Feb 56.

1. Az Országos Korányi TBC Gyógyintézet (igazgató Dessauer Pál dr.,
tudományos vezető: Sebök Loránd dr.) II. Belosztályának (főorvos:
Kovács Ferenc dr. jr.) közleménye.

(TUBERCULOSIS, PULMONARY, radiography
round foci, classif. & pathol. correlations (Hun))

KERENYI, Imre, dr.; KOVATS, Ferenc, dr., jun.; MEGGYESHAZI, Janos, dr.
~~XXXXXXXXXXXXXXXXXXXX~~

Surgery of mediastinal lymph node conglomerates in miliary
pulmonary tuberculosis. Tuberk. kerdesei 9 no.2:71-74 Apr 56.

(TUBERCULOSIS, PULMONARY
miliary, with mediastinal lymph node tuberc., surg.
(Hun))

(TUBERCULOSIS, LYMPH NODE
mediastinal, with miliary pulm. tuberc., surg. (Hun))

KOVATS, Ferenc, dr.

Hungarian medical books in the XVith century. Orv. hetil. 97 no.
35:977-979 26 Aug 56.

(BOOKS

Hungarian med. books in XVith century (Hun))

KOVATS, Ferenc, dr.

Bronchial tuberculosis and its consequences. Tuberkulozis 10
no.1-2:1-5 Jan-Feb 57.

(TUBERCULOSIS, PULMONARY

bronchial tuberc., diag., histopathol. & compl. (Hun))

KOVATS, Ferenc, Prof.; KERENYI, Imre, Dr. foorvos

Axillary entry in resection operations. Tuberkulozis 10 no.10-12:214-
215 Oct-Dec 57.

1. A budapesti Tudoklinika (I igazgato: Prof. Kovats Ferenc) es MAV
Tudogyogyintezet (Igazgato: dr. Nyiro Jozsef) kozlemenye.
(PNEUMONECTOMY
subaxillary vertical incision, technic & value (Hun))

KOVATS, Ferenc; SZUCS, Sandor; GAAL, Jozsef

Significance of x-ray pictures taken with fine focal x-ray tubes in the diagnosis of pulmonary tuberculosis. Magy. radiol. 10 no.3:133-139 Sept 58.

1. Budapesti Orvostudományi Egyetem Tudorogyászati Klinikájának Közleménye (Igazgató: Prof. Kovats Ferenc dr., egyetemi tanár).

(TUBERCULOSIS, PULMONARY, diag.

x-ray, improved pictures taken with fine focal x-ray tubes (Hun))

KOVATS, Ferenc, Dr.; NYIREDY, Geza, Dr.

Simple method for obtaining sterile bronchial secreta by bronchoscope.
Orv. hetil. 99 no.51:1804-1805 21 Dec 58.

1. A Budapesti Orvostudományi Egyetem Tudománygyógyászati Klinikájának
(igazgató: Kovats Ferenc dr. egyet. tanár, az orvostudományok doktora)
közleménye.

(BRONCHI, pathol.
sterile bronchoscopic method for obtaining bronchial
secreta (Hun))

KOVATS, Ferenc, dr.; MIHOCZY, Iaszlo, dr.; HUTAS, Imre, dr.

Ecclid therapy of cor pulmonale. Tuberkoluzis 13 no.5:130-132
Ap 1966.

1. A Budapesti Orvostudományi Egyetem Tudománygyógyászati Klinika
(Igazgató: Kovats, Ferenc, dr. egyetemi tanár, az orvostudományok
doktora) közleménye.
(PULMONARY HEART DISEASE ther.)
(AUTONOMIC DRUGS ther.)

KOVATS, Ferenc, az orvostudományok doktora

Possibilities in the conservative treatment of tuberculosis of the
lungs. Magy tud 67 no.1:27-33 Ja '60. (EEAI 9:7)
(Tuberculosis) (Lungs)

KOVATS, FERENC, dr.; HUZAS, Imre, dr.; NYIREDY, Geza, dr.

Trypsin inhalation before bronchography. Orv.hetil. 101 no.31:
1096-1098 31 J1 '60.

1. Budapesti Orvostudományi Egyetem, Tudógyógyászati Klinika
(TRYPSINS ther.)
(BRONCHI radiogr)

KOVATS, Ferenc, dr.; NYIREDY, Geza, dr.

~~Late chronic pyothorax.~~ Orv.hetil. 101 no.46:1626-1628 13 N '60.

1. Budapesti Orvostudományi Egyetem, Tudománygyógyászati Klinika.
(EMPIEMA case reports)

KOVATS, Ferenc, prof.; SZUCS, Sandor, dr.; ANTMANN, Istvan, dr.

Value of the fine-focus tube in the diagnosis of tuberculosis. Tuberkulozis 14 no.10:289-291 0 '61.

1. A Budapesti Orvostudományi Egyetem Tudományegyetemi Klinikájának (igazgató: Prof. Kovats Ferenc dr., egyetemi tanár) közleménye.

(TUBERCULOSIS PULMONARY radiog)

NOVATS, Ferenc
SURNAME, Given Names

Country: Hungary

Academic Degrees: Dr , professor

Affiliation: [not given]

Source: Budapest, Orvoskepzes, Vol 36, No 2, April 61, pp 150-160

Data: "Results in the Fight Against Tuberculosis Since the Death
of Robert Koch."

GPO 981643

190

~~NAME~~
~~SURNAME, Given Names~~

(1)

Country: Hungary

Academic Degrees: Dr. , professor.

Affiliation: Director of the Clinic of Pulmonary Diseases at the Budapest Medical University (Budapesti Orvostudományi Egyetem Tüdőgyógyászati Klinika)

Source: Budapest, Orvoskepzés, Vol 36, No 3, Jun 61, pp 230-238

Data: "Problems of Pulmonary Cancer."

GPO 981643 173

KOVATS, F., (Budapest)

Causes of toxomycosis, a lung disease caused by mold spores.
Cas.lek.cesk 100 no.32/33:1005-1007 18 Ag '61.

(LUNG DISEASES etiol) (MYCOSES etiol)

KOVATS, Ferenc, dr.; Nyiredy, Geza, dr.; SZUCS, Sandor, dr.

The effect of bronchographic examination on respiratory function.
Orv. hetil. 103 no.9:395-397 Mr '62.

1. Budapesti Orvostudományi Egyetem, Tudománygyógyászati Klinika.

(BRONCHI radiography) (RESPIRATION pharmacol)
(CONTRAST MEDIA pharmacol)

KOVATS, Ferenc, egyetemi tanár, az orvostudományok doktora

Medicine; the past one and a half decades in retrospect. Elet tud 16
no.49:1561-1562 3 D '61

*

KOVACH, F.[Kovats, Ferenc]; ZHEBEK, Z.[Zsebok, Zoltan], dots.; KRAUZE, R.E.[Krause, R.E.(translator)]; YUKHAS, I.[Juhasz, I.], red. izd-va; DONDOR, A., tekhn. red.

[X-ray anatomical bases for studying the lungs] Rentgenanatomicheskie osnovy issledovaniia legkikh. 9., perer. i dop. izd. Budapest, Akademiai Kiado, 1962. 376 p. (MIRA 15:12)

1. Starshiy vrach nauchno-issledovatel'skogo instituta tuberkuleza, Budapesht (for Kovach). 2. Khirurgicheskaya universitetskaya klinika, Budapesht (for Zhebek).

(LUNGS--RADIOGRAPHY)

KOVATS, Ferenc, dr.

Beginning of the fight against tuberculosis in Hungary. Elet
tud 18 no.20:616-619 19 My'63

KOVACS, F., Jr.
SURNAME, Given Names

(1)

Country: Hungary

Academic Degrees: not given

Affiliation: Research Institute of Tuberculosis [original version not given], Budapest.

Source: Prague, Rozhledy v Tuberkulose a Nemocech Plicnich, Vol XXI, No 6, July 61,
pp 429-437.

Data: "Future and Possibilities of Three-Dimensional Diagnosis."

52

EXCERPTA MEDICA Sec 9 Vol 13/4 Surgery Apr 59

1852. PULMONARY RESECTION BY AXILLARY INCISION - Lungenresektionen mittels Axillarschnitt - Kováts Fr. and Kerényi I. Lungenklin., Budapest - ZBL. CHIR. 1958, 83/30 (1477-1479) Illus. 1

In 267 suitable cases the authors' method of pulmonary resection by axillary incision was employed. The conditions are discussed under which this resection can be carried out without drawbacks.

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CA

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Laboratory distillation of mineral oils. Pál Benedek and Gábor Kovács (Research Inst. Mineral Oils Nat. Gas, Budapest). *Magyar Kém. Folyóirat* 56, 157-60(1950).— In the examn. of Hungarian mineral oils the single constituents were sepd. according to b.p. and chem. compn. For this purpose 2 devices were constructed, a universal column and a refining column. The universal column consists of a distg. tower 3-m. high of 1 in. inner diam., filled with 8-mm. glass Raschig rings, a condenser 1 m. long with water cooling, a reboiler of 7-8 l. vol. This column is fed hourly with 1 l. oil and works with a max. reflux ratio of 14:1. The refining column of the Rosalul system is 3 m.

long, with 9 mm. inner diam., filled with a double spiral of Kanthal-wire put on a steel rod of 3 mm. diam. The reflux ratio is variable, even 1:100 ratios can be obtained and hourly 2-10 ml. distillate can be realized. Both columns are electrically heated, control devices securing exact temps. and gradual heating. The raw distillates serving as basic materials are obtained in oil-refining plants, where fractions are produced, of which 90% have a b.p. within 20°. Such gasoline can be divided into 2 fractions, a distillate contg. chiefly paraffin hydrocarbons and a bottom product with a high concn. of aromatics. These fractions are further processed in the universal and refining columns of the lab.
István Finály

CA

Hydrocarbon samples derived from Hungarian mineral oil. I. The determination of the freezing point by the dynamic method. Gábor Kováts and Ervin Kerényi (Magyar Ásványolajés Földgázkísérleti Intézet, Budapest, Hung.). *Magyar Kém. Folyóirat* 57, 74-7(1951).—The f.p. is essential in evaluating the purity and, combined with other data, the mol. compn. of hydrocarbon samples. The principle of the dynamic method of detn. of f.p. is to establish the cooling and heating curves of the samples. Both the cooling and the heating curves serve equally well as bases of detn. When using the cooling method the optimum cooling velocity was 0.40-0.60°/min. for nonane, octane, heptane, hexane, C₁₁H₂₄, 2,2,4-trimethylpentane, pentane and 0.10-0.35°/min. for 3,3-dimethylpentane, methylcyclohexane, toluene, cyclohexane, and 2,3-dimethylbutane. The method of establishing the graphs on the basis of exper. data is described. F.p.s. detd. by the cooling and by the heating curves must correspond to each other within a limit of error of 0.02°. The precision can be increased by using a Mueller-type resistance bridge and a galvanometer of corresponding sensitivity. 0 references. István Flinály

KOVATS, G.

KOVATS, G.; KERENYI, E.

"Problems of Laboratory rectification in Soviet literature." p. 67. (Magyar
Kemikusok Lapja, Vol. 8, no. 3, Mar. 1953, Budapest)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress,
Feb. 1954, Unclassified

KOVATS, G.

"Problems of the laboratory technics of chemical industrial research. Pt. 2. Regulation and automatization of laboratory equipment." p. 81. (Magyar Kemikusok Lapja, Vol. 8, no. 3, Mar. 1953, Budapest)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress, Feb. 1954, Unclassified

COUNTRY : HUNGARY H
CATEGORY : Chemical Technology. Chemical Products and
Their Uses. Part 3. Processing of Natural*
ABS. JOUR. : RZKhim., No. 1 1960, No. 2430
AUTHOR : Kovats, G.
INSP. : Hungarian Research Institute of Petroleum and**
TITLE : Introduction into Industry of Results of the
Work of the Hungarian Research Institute of
Petroleum and Natural Gas
ORIG. PUB. : Magyar kem. lapja, 1958, 113, No 10-12, 390-392
ABSTRACT : In his report, the author exposes the scope of
scientific research works performed at 16 large
laboratories and semi-industrial installations
of the Institute, indicating the present stage
of introduction of their results into industrial

*Gases and Petroleum. Motor and Rocket Fuels.
Lubricants
**Natural Gas

CARD: 1/2

H-91

KOVATS, Gabor

Development of chemical industry and the Gompertz curve; remark about Jozsef Szejtli's article. Magy kem lap 16 no.4:178-179 Ap '61.

18 3100 1087

30667
S/137/61/000/010/021/056
A006/A101

AUTHORS: Almásy Andor, Baróánfalvi Ferenc, Kováts Gábor

TITLE: A method of concentrating a hydrochloric-acid germanium solution and extracting and (or) refining germanium

PERIODICAL: Referativnyy zhurnal. Metallurgiya, no. 10, 1961, 45, abstract 106352 P (Hungarian patent no. 146235, 15.02.60)

TEXT: The solution is supplied at 103-109°C into a continuously operating rectification column which separates sufficiently well the azeotropic mixture of HCl with water. Rectification is conducted until Ge is accumulated on the individual plates in amounts disturbing the normal operational conditions of the column due to a reduced overflow section. The Ge itself is then already considerably refined from As and Si impurities which are removed with the residual products. Subsequently, rectification is continued with the aid of HCl whose concentration exceeds the azeotropic one. As a result $GeCl_4$ or $Ge(OH)_x$ saturation is obtained. If the concentration of the initial HCl solution exceeds the azeo-

X

Card 1/2

A method of concentrating ...

30667
S/137/61/000/010/021/056
A006/A101

tropic one, then water is top supplied to the column. The method may also serve to the independent refining of Ge from contaminating As and (or) Si.

G. Sekey

X

[Abstracter's note: Complete translation]

Card 2/2

SOMLO, Gyorgy; KOVATS, Gabor

Some problems relating to general planning in the chemical industry.

I. Magyar kem lap 17 no.10:433-440 0 '62.

1. Vegyimuveket Tervezo Vallalat.

SOMLO, Gyorgy; KOVATS, Gabor

Certain problems of general planning in chemical industries. II.
Magy kem lap 17 no.11:481-487 N '62.

1. Vegyimuveket Tervezo Vallalat.

KOUKOLIK, M.; KOVATS, Gabor [translator]

Economy of using computers in the designing practice. ~~Ms. 7~~
kem lap 18 no.1:26-32 Ja '63.

1. GHEMOPROJEKT, Praga, CsSzSzK. (for Koukolik).

KOVATS, Gabor

"Economics of the industry of synthetic materials" by N.P. Fjodorenko
[Fjodorenko, N.P.]. Reviewed by Gabor Kovats. ~~Magy~~ kem lap 18 no.4:
190 Ap '63.

KOVATS, Gabor

Description of computer projects. Magy kem lap 18 no.6:273-274 Je '63.

1. "Magyar Kemikusok Lapja" rovatvezetoje.

KOVATS, Gabor

Description of programs for computers. Magyar kem lap 19
no. 1: 46-47 Ja '64.

1. "Magyar Kemikusok Lapja" rovatvezetoje.

KOVATS, I.

"Analytical and economic investigation of plutonium production in nuclear-power reactors." In English, p. 263

PERIODICA POLYTECHNICA. (Budapesti Muszaki Egyetem) Budapest, Hungary
Vol. 2, No. 4, 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959
Uncl.

KISS, Tibor, okleveles gépészmérnök; KOVATS, Imre, okleveles gépészmérnök

Heat power plants in the United States. Energia es atom 17 no. 8:
358-367 Ag '64.

SZABO, Rezső; TENYI, Maria; VARGA, László; KOVÁTS, Iren technikai közreműködésével

The effect of nutritional factors on the clearing activity of rat heart extracts. Kiserl. orvostud. 14 no.5:507-509 0 '62.

1. Szegedi Orvostudományi Egyetem II. számú Belklinikája.
(DIET) (CARBOHYDRATES) (LIPOPROTEIN LIPASE)
(DIETARY PROTEINS) (HEART) (ARTERIOSCLEROSIS)
(TISSUE EXTRACTS)

TENYI, Maria; SZARVAS, Ferenc, KOVATS, Iren; KOVACS, Kalman.

Rising of the serum transaminase activity in kidney damage caused
by hormones or HgCl₂ solution in rats. Acta morph. acad. sci.
Hung. 12 no.4:310-313 '64.

1. Szegedi Orvostudományi Egyetem II. sz. Belklinikája és I.
sz. Belklinikája.

KOVATS, Istvan, okleveles villamos-mernok

Who are rather engineers than technicians. Musz elet 19
no. 5:4 27 F '64.

1. Felsőfoku Villamsipari Technikum igazgatoja.

KOVATS, J. 1949

(Med. Clinic No. 1, U. of Budapest)

"Myosin and Actomyosin Content of the Heart Muscle."

Nature, London, 1949 163/ 41146 (606-607)

Abst: Exc. Med. 11, Vol. 11, No. 12, p. 1581

KOVÁTS, J.
EXCERPTA MEDICA Sec.2 Vol.9/10 Physiology, etc. Oct56

4589. KOVÁTS J. Staatl. Korányi-Inst. für Tuberkuloseforsch., Budapest. *Gravimetrische Bestimmung der Residualluft. Gravimetric determination of residual air ACTA PHYSIOL. ACAD. SCIENT. HUNG. (Budapest) 1956, 9/suppl. (36-37)

Description of a gravimetric method, based on the difference in density between H₂ and air, for the calculation of the residual air.
Leusen - Ghent

KOVATS, Janos, Dr.

A gravimetric method for the determination of residual air. Tuberkulozis
12 no.7:162-163 July 59

1. Az Orszagos Koranyi Tbc Intezet (igazgato: Boszormenyi Miklos
kandidatus, tudomanyos vezeto: Foldes Istvan dr. kandidatus) kozlemenye.
(RESPIRATION, funct. tests)

PROCESSES AND PROPERTIES INDEX

BC

A-4

Influence of iron and molybdenum on nitrogen fixation by *Acetobacter chroococcum*, Beij. S. Kasimirovskii and J. Kotava (Bull. Acad. Polonaise, 1934, B, 189-193). A strain of *A. chroococcum* showing poor N-fixing ability became much more active on addition of humus material or its ash. Neither NaNO_3 nor Fe salts alone had any appreciable effect but simultaneous treatment with both markedly increased the amount of N fixed.

A.S.M.-S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

ASTM-514

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
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197 APR 1968
PROCEDURES AND PROPERTIES INDEX

2-4

BC

Influence of iron and molybdenum on nitrogen fixation by *Azotobacter* in presence of humus matter or ash constituents. J. KOYAN (Bull. Acad. Polonaise, 1938, B, I, 91-112).—Effects of different humus preps. on N fixation were varied. Their activity diminished after boiling with HCl but was almost completely restored by addition of Fe. Humus ash was less effective than the original material. Addition of Mo increased the stimulatory action of poor but not that of naturally active humus, or the corresponding ash constituents. Mo did not completely restore the loss of activity of humus or ash treated with HCl. The amount of N fixed per unit of sugar consumed varied with the composition of the nutrient (max. 17.7 mg. N per g. glucose). Humus, Fe, and Mo accelerate growth but the efficiency of fixation remains within close limits. A. G. P.

A58-51A METALLURGICAL LITERATURE CLASSIFICATION

SUBJECT INDEX	SUBJECT INDEX	SUBJECT INDEX	SUBJECT INDEX
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

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CA

Influence of temperature on the production of citric acid by *Aspergillus niger*. Jan Kovacs. *Przemysl Chem*, 7, 122-8 (1946).--The output of citric acid by a strain of *Aspergillus niger* is increased by using different temps. during the (1) growth of the mold and (2) production of citric acid by the mold. Max. output is obtained by keeping the mold at 28° during the 1st period and lowering the temp. to 20° during the 2nd. Keeping the mold at 28° for periods longer than 3 days during the incubation period lowered the ability of the mold to produce citric acid. Decreasing the temp. to 15° during the 2nd stage, likewise, partially inhibited the mold's ability to produce citric acid. The use of the dual-temp. method does not increase the over-all time of fermentation. Expts. carried out on the production of acetone by acetone-butanol fermentation showed increased output of acetone when the temp. was kept at 36° during the 1st stage with subsequent lowering to 15° during the 2nd. Frank Conet

ADN-3LA METALLURGICAL LITERATURE CLASSIFICATION

FROM ROMINA

1ST AND 2ND ORDERS

PROCESSING AND PROPERTIES INDEX

3RD AND 4TH ORDERS

COMMON ELEMENTS

PERIODIC TABLE

ALPHA BETA GAMMA DELTA E ZETA ETA THETA IOTA KAPPA LAMDA MU NUN XI OMICRON PI RHO SIGMA TAU Upsilon PHI CHSI

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

1ST AND 2ND CODES
3RD AND 4TH CODES
PROCESSES AND PROPERTIES INDEX

16

CA

Production of citric acid by the fermentation process.
Jan Kovats. *Pract. Chem.* 4, 360(1948); cf. C.A.
42, 3129i.—The various methods and patents are reviewed.
14 references. Frank Gonet

COMMON ELEMENTS
METALS INDEX
NON-METALS INDEX

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND CODES
3RD AND 4TH CODES

1	2	3	4	5	6	7	8	9	0	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
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PTA

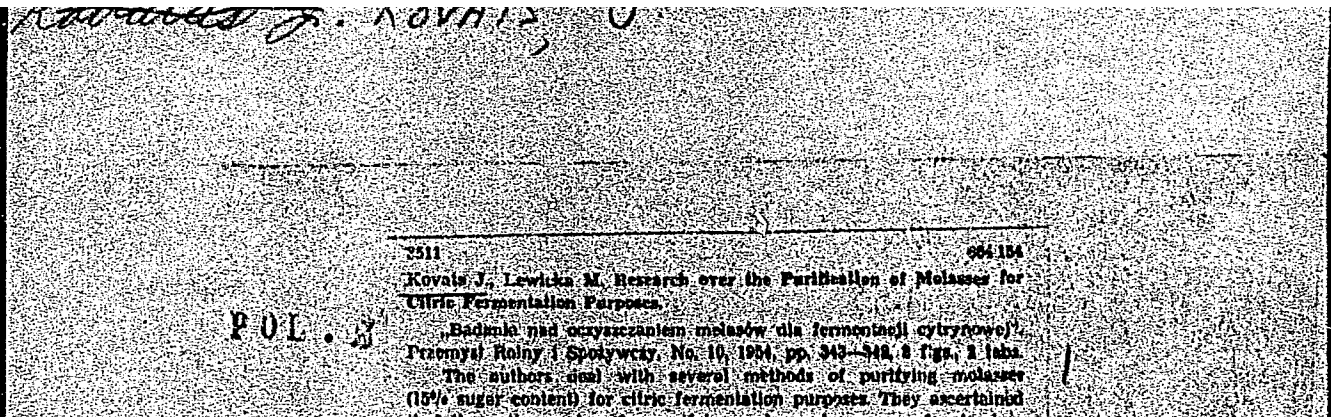
6

1477
Kovats J. Fermentation of Molasses Deriving from Sugar Gathered
in Various Periods of the Season.

664.15 : 577.15

„Fermentacja melasów, pochodzących z różnych okresów kam-
panii cukrowniczej”. Gazeta Cukrownicza. No. 3, 1951, pp. 56-61,
No. 4, 1951, pp. 79-82, 7 figs.

Results of experiments indicate that those components of mo-
lasses which influence fermentation probably differ in character
and activity and are specific for each individual fermentation. The
results of experiments with fermentations of one kind cannot,
therefore, be transposed to another one.



sugar crops, frequently varies within considerable limits

KOVATS, J.

Bacteriophage in acetone-butyl alcohol fermentation. Acta microb.
polon 5 no.1-2:225-230 1956.

1. Aus dem Institut der Fermentationsindustrie in Warszawa.
(BACTERIOPHAGE,
in acetone-butyl alcohol fermentation (Ger))
(FERMENTATION,
bacteriophage in acetone-butyl alcohol fermentation (Ger))
(ACETONE,
same)
(ALCOHOLS,
same)

KOVATS, JAN

Poland/Chemical Technology - Chemical Products and Their Application. Fermentation Industry, I-27

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63554

Author: Kovats, Jan

Institution: None

Title: Complications in Butanol Production Due to Action of Bacteriophages

Original

Periodical: Zaburzenia w produkcji butanolu wywołane bakteriofagami. Przem. spożywczy, 1956, 10, No 1, 17-21; Polish; Russian and German resumé

Abstract: If the fermentation mixture contains bacteriophages (BP) lysis of acetonobutylic bacteria is observed with decrease of their amount to 10-20% of the initial content and a corresponding slowing down of fermentation with concurrent increase in acidity, incomplete fermentation and acetone content of one to 3 g/l. It was found that in young bacterial cultures lysis occurs after 8-10 hours, in older cultures after about 18 hours following infestation of the medium with BP. During the period of spore formation bacteria are not susceptible

Card 1/2

Card 2/2

KOVATS, Jan

Poland /Chemical Technology. Chemical Products
and Their Application

I-31

Fermentation industry

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32898

Author : Kovats Jan

Title : Submerged Citric Acid Fermentation

Orig Pub: Przem. spozywczy, 1956, 10, No 8, 347-348

Abstract: In order to develop a procedure of citric acid fermentation that would permit a growth of the fungus throughout the bulk of the nutrient medium (and not only on its surface) a study was made of the development of Aspergillus niger on nutrient solutions of different composition. As base were used: 1-st solution: refined sugar

Card 1/2

Poland /Chemical Technology. Chemical Products
and Their Application

I-31

Fermentation industry

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32898

15%, NH_4NO_3 0.3%, KH_2PO_4 0.015%, $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$
0.03%; 2-nd solution: containing 0.1% urea in
lieu of NH_4NO_3 . Initial pH of the solution was
varied and also the content of KH_2PO_4 (from
0.007 to 0.045%). It was found that the 1-st
solution produces a more intensive fermentation:
optimal value of initial pH about 8.3, content
of KH_2PO_4 -- 0.015%.

Card 2/2

KOVATS, J.

Bacteriophages in acetone-butanol fermentation. p. 113.

(PRZEMYSŁ SPOŻYWCZY. Vol. 11, No. 3, Mar. 1957, Warszawa, Poland.)

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

KOVATS, J.; LEWICKA, M.; KAMINSKI, S.

Researchers on various molasses for citric acid fermentation. p. 150.

(PRZEMYSŁ SPOZYWCZY. Vpl.11, No. 4, Apr. 1957, Warszawa, Poland.)

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

KOVATS JAN

POLAND / Chemical Technology. Chemical Products and Their
Application - Fermentation industry

J-13

Abs Jour : Referat Zhur - Khimiya, No 2, 1958, 6151

Author : Kovats Jan

Inst : Not given

Title : Fermentation Industry in the United States

Orig Pub : Przem. spozywczy, 1957, 11, No 6, 264-265

Abstract : No abstract.

Card 1/1

ducted in dilute solutions of the syrup with 2.5%
of sugar. The medium contains 0.04-0.06% of
 $K_4[Fe(CN)_6]$. Later, the sugar concentration is

Card 1/2

260

KOVATS, J.

COUNTRY : Poland H-27
CATEGORY :
ABS. JOUR. : RZKhim., No. 16 1959, No. 58757
AUTHOR : Kovats, J.
INST. : Not given
TITLE : Studies on Bacterial Infection During 'Acetono-
Butyl' Fermentation
ORIG. PUB. : Przem Spozywczy, 13, No 1-3, 67-75 (1959)
ABSTRACT : The 'acetono-butyl' [acetone-butyl alcohol?] fer-
mentation of all-malt mash is more sensitive to
infection by lactic acid bacteria than the similar
fermentation of flour mash. The susceptibility of
a mixed mash to infection decreases with increas-
ing flour content. The development of the infec-
tion during the initial hours of fermentation
[primary fermentation?] is more harmful to the
formation of solvents [sic] than the development
of infection during the period of main fermenta-

CARD: 1/2

KOVATS, Jan (Raciborz)

The influence of the quality of molasses on the fermentation
of citric acid. Przem spoz 15 no.9:38-42 '61.

KOVATS, Jan (Zgierz)

The influence of the quality of molasses on the acetone-butylic fermentation. Przem spoz 16 no.4:29-34 Ap '62

KOVATS, Jan

The production of citric acid. Przem chem 41 no.7:353-355
Jl '62.

1. Fabryka Kwasu Cytrynowego, Zgierz.

KOVATS, Janos

Our patronizing work. Munka 5 no.7:45-46 J1 '55.

1. Voros Meteor Sportegyesulet orszagos elnok

CSORBA, Lajos, dr.; UNGAR, Imre, dr.; KOVATS, Janos, dr.

Late functional results of pulmonary resection. Tuberkulozis
16 no.11:328-332 N '63.

1. Az Országos Korányi Tbc Intézet (igazgató-őorvos: Boszormenyi
Miklos dr. kandidatus, tudományos igazgató: Foldes Istvan dr.
kandidatus) Sebészeti Osztályának (őorvos: Ungar Imre dr.
kandidatus) és Cardiopulmonalis laboratóriumának (őorvos:
Kovats Janos dr.) közleménye.

(TUBERCULOSIS, PULMONARY) (PNEUMONECTOMY)
(RESPIRATORY FUNCTION TESTS)

KOVATS, K

CZECHOSLOVAKIA/Safety Engineering. Sanitary Engineering.
Sanitation

L.

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 14283

Author : Schlosser A., Kovats K.

Title : Signaling Device for the Detection of Acid Vapor in the
Air

Orig Pub : Chem. prumysl. 1956, 6, No 4, 165-166

Abstract : The apparatus consists of a three-neck flask with distilled water into which are immersed an antimony and a calomel electrode. When the air is drawn through the water the change in pH of the water caused by the presence of acid vapor changes the value of the potential at the electrodes which actuates the signaling device.

Card 1/1

- 14 -

KOVATS, K.

Shipping regulations in inland navigation. p. 402.

(Elelmezesi Ipar. Vol. 13, no. 22, June 1957. Budapest, Hungary)

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

KOVATS, Karoly.

BADER, Andor, dr; KOVATS, Karoly, dr.

lympho-cysto-fibroma corporis uteri sarcomatosum. Magy. noorv.
lap. 17 no.3:186-189 May 54.

1. A Budapesti Allami Szulesznokepzo Intezet (Igazgato-tanar:
Kovacs Ferenc dr.) kozlemenye.

(UTERUS, neoplasms,
lympho-cysto-fibroma sarcomatosum)

(SARCOMA,
uterus, lympho-cysto-fibroma sarcomatosum)

(LEIOMYOMA,
uterus, lympho-cysto-fibroma sarcomatosum)

KOVATS, K.

Clinical aspects and morphogenesis of primary tubal cancer.
Acta med. hung. 8 no.1:85-98 1955.

1. Staatliche Hebammenlehranstalt, Budapest.
(FALLOPIAN TUBES; neoplasms.)

KOVATS, Karoly, dr.

~~Magyar Orvosi Lapok~~
Clinical and morphogenic data on primary cancer of the tube.
Magy. orv. lap. 18 no.2:71-79 Mar 55.

1. A Budapesti Állami Szülésznőképző Intézet közleménye (Igazgató:
Kovács Ferenc dr. egyetemi tanár)
(FALLOPIAN TUBES, neoplasm)

KOVATS, L.

Mechanical equipment of the atomic power station in Calder Hall.

p. 201 (Energia es Atomtechnika) Vol. 10, no. 4, Aug. 1957, Budapest, Hungary

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

HAJDU, I.; KOVATS, L.; NICOLA, P.

Comparative extrusion tests of short and medium duration on a steel with reduced carbon content. Studii tehn Timisoara 9 no.3/4:243-259 JI-D '62.

L 30721-66 EWP(w)/I/EWP(t)/EPI JD

ACC NR: AP6022119

SOURCE CODE: RU/0018/65/000/009/0510/0515

AUTHOR: Hajdu, Iosif; Kovats, Ladislau; Nicola, Petre; Dobro, Ioan

40
B

ORG: none

TITLE: New formula for determining creeping elongation

SOURCE: Constructia de masini, no. 9, 1965, 510-515

TOPIC TAGS: elongation, stool, creep, metal property

ABSTRACT: The authors describe a novel method for the determination of the specific creeping elongation of soft steels and compare the results obtained through this method with those measured in the conventional method. The new testing process allows the obtaining of measurements equivalent to 500 hours' duration in only 50 hours of testing. Orig. art. has: 9 figures, 5 formulas and 4 tables. Based on authors' Eng. abst. [JPRS]

SUB CODE: 11 / SUBM DATE: none / ORIG REF: 003 / SOV REF: 003

OTH REF: 009

Card 1/1 *fv*

UDC: 620.172.224.2;621.791

DZSIDA, Laszlo; KOVATS, Laszlo

A "lubricous" topic. Elet tud 17 no.10:296-299 Mr '62.

DZSIDA, Laszlo; KOVATS, Laszlo

Chain in million meters. Elet tud 16 no.13:404-407 26 Mr '61.

KOVATS, MEDARD, DR.

NAGY, Margit, Dr.; ALEXY, Miklos, Dr., (Szombathely); KOVATS, Medard, Dr.,
(Hegyfalu)

Hepatitis and tuberculosis. Tuberkulosis 10 no.10-12:279-282 Oct-Dec
57.

1. A Vas Megyet Tanacs Markusovszky Korhaza (Igazgato-foorvos:
Szvoboda Jenő dr.) Hepatitis Osztalya (Foorvos: Nagy Margit dr.) es
a hegyfalui Tudossanatorium. (Igazgato-foorvos: Fauszt Imre dr.) kozlemenye.

(TUBERCULOSIS, PULMONARY, compl.
hepatitis, infect. (Hun))

(HEPATITIS, INFECTIOUS
in pulm. tuberc. (Hun))

KOVATS, Miklos, kutatomernok

The long-lived Pannonia motorcycle. Auto motor 17 no.23:19
6 D '64.

KOVATS, Miklos, kutatomernek

The long-lived Pannonia motorcycle. Auto motor 18 no.1:19 6 Ja '65.

KOVACS, S

Deterioration of the shape of mining sections and the surrounding hard formations.

p. 3 (A Banyzterv Kozlemenyei) No. 5, July 1957. Budapest, Hungary

SO: Monthly Index of European Accession (EEAI) IC, - Vol. 7, No. 1, Jan. 1958

KOVATS, S.

Ventilation of tunnels, p. 6

A BANYATERV KOZLEMENYEL. (Banyaszati Tervezo Intezet) Budapest,
Hungary, Vol. 12, No. 10, March 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8,
No. 7, July 1959

Uncl.

KRAJCSOVICS, Pal, dr.; KOVATS, Sara, dr.; HARRER, Magda, dr.

On possibilities of prevention of well water methemoglobinemia
in infancy. Role of ascorbic acid in prevention. Gyermekgyogyaszat
15 no.3:85-89 Mr'64

1. Jarasi Korhaz, Paszto ; igazgato: Csendes Oszkar, dr.

*

KOVATS, Tibor, Gyorgy,; MAGOS, Laszlo,; FORRO, Laszlo,; FISCHER,
Gyorgy, LUKACS, Ida.

Schwartzmann phenomenon induced by azoprotein from homologous
and heterologous serums. Kiserletes orvostud. 7 no.1:92-95 Jan 55.

1. Szegedi Orvostudományegyetem Közegészségtani Intézete és Bor- és
Nemibeteg Klinikája.

(ALLERGY, experimental,

Schwartzmann phenomenon induced by azoprotein from
homologous & heterologous serums)

KOVATS, Tibor, Gyorgy,; KOVACS-JUHASZ, Eva.; KOVACS, Bela.

Liver substance obtained from cattle producing eosinopenia in adrenalectomized rats. Kiserletes orvostud. 7 no.2:113-116 Mar 55.

1. Szegedi Orvostudományi Egyetem ^{PHARMACOLOGY INST.} Gyógyszertani Intézete.

(EOSINOPHIL COUNT,

eosinopenia induced with liver extract in adrenalectomized rats.)

(ADRENAL GLAND, effect of excision,

eosinopenia induced with liver extract in adrenalectomized rats)

(LIVER EXTRACTS, effects,

eosinopenia in adrenalectomized rats)

KOVACS, T.

1934. Cholinesterase activity of myosin. E. Varga, T. König, E. Kiss, T. Kovács, and L. Hegedűs *Acta physiol. Acad. Sci. Hung.* 1935, 7, 171-173. Myosin, trypsin-digested myosin, and L-meromyosin have about the same cholinesterase activity, while H-meromyosin has no cholinesterase activity. The ATP-ase activity of the same prep. differs from that of their cholinesterase activity; myosin and digested myosin have equal, L-meromyosin practically all, H-meromyosin very great activity. A crust. prep. of L-mero-

Max 15

considered as enzymically inactive, has cholinesterase activity. (Hungarian)
A. B. L. Buzsák.

*Electron Microscope Laboratory, Hungarian Acad. Sci.
Budapest*

KOVATS, Tibor, dr.; RETRO, Janos, dr.; BODA, Liva.; SZURGMNT, Sandor.

Research on the enterotoxic properties of Staphylococcus isolated in food poisonings. *Nepegessegegy 36 no.3:73-77 Mar 55.*

1. ¹⁹⁵⁷Kozlemeny a Szegedi ^{MEDICAL} Orvostudományi Egyetem ^{Public Health} Kozegeszsegiani Intezetebol (igazgato: Kanyo Bela dr. egyetemi tanar) es az Orszagos Kozegeszsegugyi Intezet szegedi allomasvezeto: Vetro Janos dr.)

(FOOD POISONING, bacteriology

Micrococcus pyogenes, enterotoxic properties)

(MICROCOCCUS PYOGENES

enterotoxin in food posi.)

KOVATS, Tibor, dr.

Frequency of staphylococcal carriage and its significance in food industry. Orv. hetil. 96 no.4:94-97 23 Jan 55.

1. Szegedi Orvostudományi Egyetem Közegészségtani Intézete (igazgató: Kányó Béla dr. egyetemi tanár) közleménye.
(MICROCOCCUS PYOGENES,
carriers among workers in food indust.)
(FOOD PRESERVATION,
Micrococcus pyogenes' carriers among food indust. workers)

KOVACS, Bertalan, Dr.; KOVACS, Gabor, Dr.; KOVATS, Tibor, Dr.; KOVACS, Kalman, Dr.;
PETRI, Gabor, Dr.

Effect of surgical trauma on salt excretion in dogs. Magy. sebeszet
10 no.5-6:289-296 Oct-Dec 57.

1. A Szegedi Orvostudományi Egyetem Sebeszeti Műtettani Intézetének
(Igazgató: Petri Gabor dr.) és I. sz- Belklinikájának (Igazgató:
Hetényi Géza dr.) közleménye.

(SURGERY, OPERATIVE, eff.

on urinary excretion of sodium chloride in dogs (Hun))

(SODIUM CHLORIDE, metab.

eff. of surg. trauma on urinary excretion in dogs (Hun))

EXCERPTA MEDICA Sec 4 Vol 12/2 Med. Micro. Feb 59

760. LIPOPROTEIN PATTERN IN THE COURSE OF SHWARTZMAN PHENOMENON - Kováts T. G., Reök A. and Karády S. Insts of Pharmacol. and Pathophysiol., Med. Univ., Szeged, Hungary - NATURWISSENSCHAFTEN 1958, 45/5 (111) Illus. 1

The Shwartzman phenomenon was produced in rabbits, and the animals were bled 6, 24 and 48 hr. after challenge. Paper electrophoresis of the sera showed an increase in quantity and mobility of β -lipoprotein, correlated with the intensity of the skin reaction. The lipoprotein migration was inhibited by protamine, although the Shwartzman reaction was intensified. The shift in lipoprotein pattern is presumably due to increased production of heparin.

Faine - Dunedin