

FABIJANSKI, Jozef, doc.

Noise in carrier systems. Przegl telekom 34 no.8:238-239 Ag '61.

FABIJANSKI, Jozef, doc.

Terminology and symbols in telecommunication. Przegl telekom 34 no.9:
278 S '61.

BIRECKI, M.; FABIJANSKI, J.; WISNIEWSKI, J.

Kilogram per hectare seeding rate of red clover and alfalfa to be used for herbage. Rocznik nauk rolniczych 87 no.3:471-480 '63.

1. Katedra Ogólnej Uprawy Rolnictwa i Roślin, Szkoła Główna Gospodarstwa Wiejskiego, Warszawa.

SZYMONA, K.; GENKOW, T.P. [Genkov, T.P.]; BURZYNSKI, B.; FABJANSKA, M.

Observations on nitrogen fixation in ammoniated fodder. 2002 prod
post nauk roln no. 54:37-40 '61.

1. Department of Animal Feeding of the Central College of Agriculture,
Warsaw. Head of Department: (prof. dr) E. Agarowicz (for Szymona,
Burzynski, Fabjanska). 2. Fodder Institute in Plovdiv, Bulgaria
(for Genkov).

~~BNP 11512~~ I.; FABIN, Sh.; KONIA, L.

Bone transplantation into the vertebral body in tuberculous
spondylitis. Khirurgia 15 no.2/3;200-201 '62.

(TUBERCULOSIS SPINAL surg)
(BONE AND BONES transpl)

FABINGER, F.

"Rationalization of Production in the Heavy Machinery Industry by Standardization and Simplification." p. 107 (ZA SOCIALISTICKOU VEDU A TECHNIKU, Vol. 1, No. 3, Mar. 1951)
Praha, Czechoslovakia

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4,
April 1954. Unclassified.

FABINGER, F.

"Location of transformer stations in industrial enterprises. Priloha."

ENERGETIKA, Praha, Czechoslovakia, Vol. 8, no. 8, August 1958

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

Unclassified

FABINGER, F.

Peak input of hoisting equipment. p.303.

ELEKTROTECHNICKÝ OBZOR. (Ministerstvo těžkého strojírenství a Československé
vědecká technická společnost pro elektrotechniku při Československé akademii
věd) Praha, Czechoslovakia
Vol.48, no.6, June 1959

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

FABINGER, F.

Limit temperatures for the overloading of electric lines. p. 514.

ELEKTROTECHNICKY OBZOR. (Ministerstvo tezkého strojírenství a Československé vědecká technická společnost pro elektrotechniku při Československé akademii věd)
Praha, Czechoslovakia, Vol. 48, No. 10, Oct. 1959.

Monthly List of East European Accession, (EEAI), LC, Vol. 8, No. 12, Dec. 1959.
Uncl.

FABINGER, F.

Slipping of steel cables on the sheave of the Koepe winder.
Strojirenstvi 12 no.7:503-508 J1 '62.

FABINGER, F.

Effect of speed and acceleration on the capacity of winding engines.
Strojirenstvi 12 no.9:660-666 S '62.

6

FABINYI, J.
ca

Metallurgical literature classification
Metallic iron and slag cement from Hungarian bauxites.
József Fabinyi. *Bányász. Közlöny. Lapok* 81, 110-15
(1948). Bauxite contg. Al_2O_3 47.0, Fe 18.3, CaO 0.8,
 SiO_2 6.7, Mn 0.13, P 0.23, Ti 1.3, S 0.07, and moisture
2.3% was mixed with an equal amount of disintegrated
iron waste contg. Fe 87.8, Mn 0.62, P 0.22, S 0.04, and
 SiO_2 2.0% and smelted to pig iron contg. Mn 0.80, Si
2.50, S 0.162, C 4.30, Cu 0.35, P 0.25, Ti 0.35, Al 0.02,
and V 0.02%. The slag contained SiO_2 7.3, Al_2O_3 49.0,
FeO 1.0, TiO_2 1.1, MnO 0.3, CaO 42.0, MgO 1.4, and S
0.8%; its hydraulic modulus was 0.74. Production of
100 parts pig iron required 87 parts coke and 50 parts
limestone. István Finály.

ABX.11A METALLURGICAL LITERATURE CLASSIFICATION

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

PROCESSES AND PROPERTIES INDEX

ca 112

Effect of cholesterol on respiration. Mária Fabinyi and János Szebehelyi. *Orvosok Lapja és Népegészségügy* 3, 801-3(1947).—Expts. on 20 white mice showed that inspiration of gaseous N contg. 10% O increased the breathing rate of white mice by 43% on an av. If mice were previously treated by intramuscular injections of 0.1 mg. cholesterol per g. of body wt. the increase was 3-4% only. The increase of breathing rate effected by inspiration of air contg. 8% CO₂ was the same with or without cholesterol injections. No effect of cholesterol injections on the metabolism of mice was observed. Expts. on 5 rabbits proved that O utilization by inspiration of N contg. 10% O increased on an av. by 30% after injections of cholesterol. The no. of red blood corpuscles increased by 3-5%. Another expt. on a dog showed that after administration of cholesterol the minute volume of respiration was unchanged and the breathing rate was also unchanged with a gas mixt. contg. 10% O₂. The O content of arterial blood remained the same as observed without cholesterol treatment when the breathing rate increased by about 100%. Cholesterol seems to promote satn. of arterial blood, i.e., the blood may absorb at a lower O pressure the same amounts of O under cholesterol action than previously at a higher O pressure. István Finály

COMMON ELEMENTS

COMMON VARIANTS

OPEN

NATURALS INDEX

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND LETTERS

3RD AND 4TH LETTERS

5TH AND 6TH LETTERS

7TH AND 8TH LETTERS

9TH AND 10TH LETTERS

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83RD AND 84TH LETTERS

85TH AND 86TH LETTERS

87TH AND 88TH LETTERS

89TH AND 90TH LETTERS

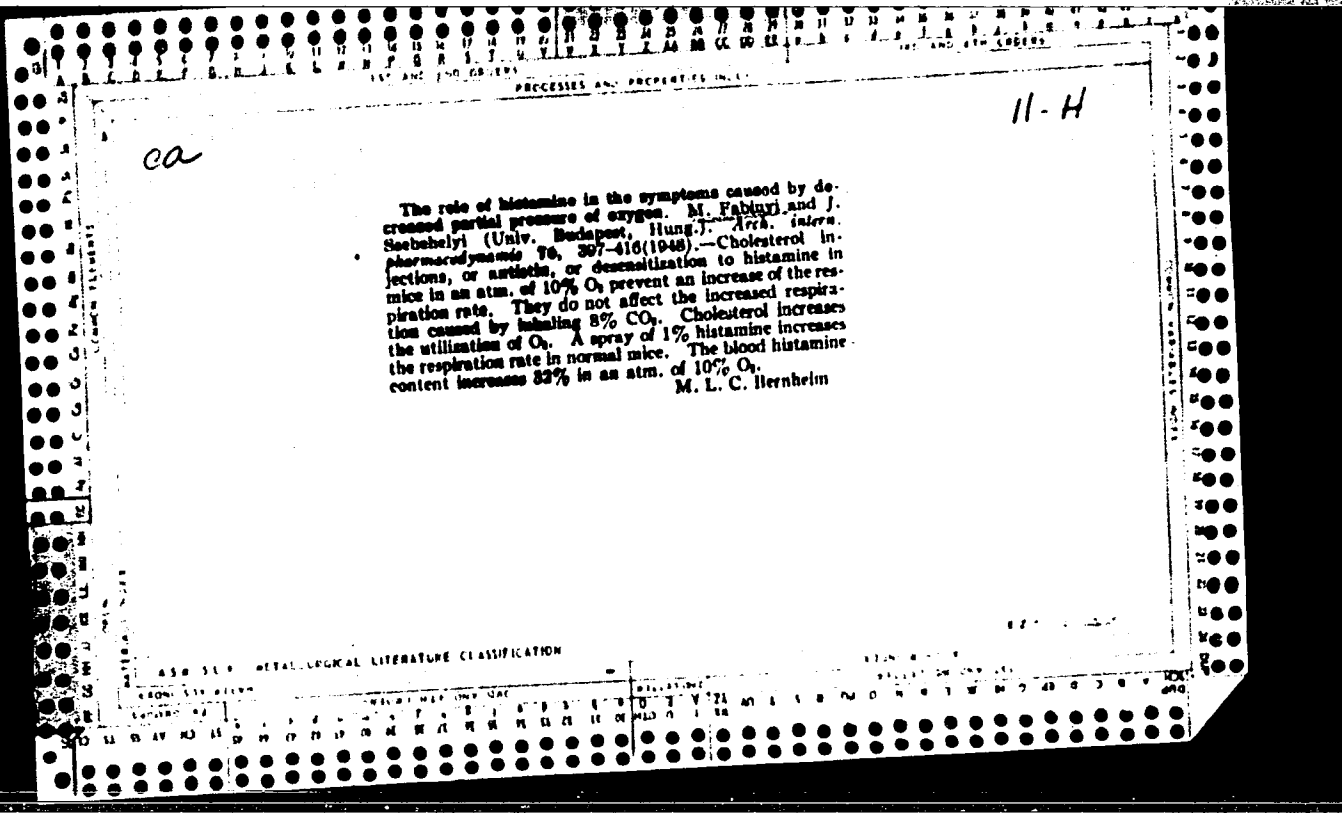
91ST AND 92ND LETTERS

93RD AND 94TH LETTERS

95TH AND 96TH LETTERS

97TH AND 98TH LETTERS

99TH AND 100TH LETTERS



FABINYI M.
(1942)

Dept. of Pharmacology, Univ. of Budapest The effect of histamine on the swelling of collagen Archives Internationales de Pharmacodynamie et de Therapie 1948, 77/3 (270-288) Tables 14

Inflammatory and anaphylactic phenomena are characterized by the swelling of the connective tissue. (In vitro histamine causes in pathologically occurring concentration (30-100 ug./ml.) the swelling of isolated collagen fibres.) There is a decisive difference between the swelling caused by histamine, and that brought about by a change in the pH values (acetic acid), because the different ions exert various influences upon the two kinds of swelling. Sodium salicylate in therapeutically employed concentration (300 ug./ml.) does not even prevent the swelling effect of histamine upon the collagen fibre, but makes the swollen fibre discharge the absorbed liquid, while it leaves the swelling induced by the acetic acid, unaffected. These results suggest that sodium salicylate would have an antihistamine effect in rheumatic diseases. Histamine depresses the osmotic resistance of the red blood cells in vitro, but sodium salicylate does not hinder this affect. Sodium salicylate, histamine and antihistamine drugs (antistine and pyribenzamine) have no influence at all on the viscosity-decreasing activity of hyaluronidase, and hyaluronidase is not able to produce a swelling of the collagen fibres. Fabinyi - Budapest

SO: Excerpta Medica, Vol. 11, No. 4, Sect. 11 - April 1949

FABINYI, M.
6135

Dept. of Pharmacol., Univ. of Budapest Further investigations about the histamine hypothesis of the oxygen deficiency Archives Internationales de Pharmacodynamie et de Therapie, Bruges 1949, 78/2 (354-361) Graphs 7 Tables 1

In mice, 40 ug. of dihydroergotamine (DHE) per animal prevents the increase in respiration rate induced by a low partial pressure of oxygen, but DHE had no effect on the increased respiration rate induced by 8% carbon dioxide. Histamine causes an increase in temperature and metabolism in narcotized rats held at 30° C. Since this effect is not observed in adrenalectomized rats injected with cortin, it is concluded that histamine causes the mobilization of adrenaline. Antistine fails to inhibit this effect of histamine causes the mobilization of adrenaline. Antistine fails to inhibit this effect of histamine. Dyspnoea caused by the administration of lobeline is prevented by antistine, but not by DHE. In oxygen deficiency, adrenalinaemia seems to be the primary and histaminaemia the secondary process; the histaminacmia affects the breathing centre by way of the sinus caroticus.

McIntire - Chicago

SO: EXCERPTA MEDICA, Vol. II, No. 11, Sec. II, Nov. 1949

FABINYI, M.
6136

pharmakologisches Institut der Peter-Pazmany-Universitat in Budapest. Desensibilisierung durch Histamin in Gegenwart von Antihistamin Desensitization by histamine in presence of antihistamine Schweizerische Medizinische Wochenschrift, Basle 1949, 79/13 (299-301) Graphs 4

White mice were desensitized by daily subcutaneous injections of a 2 mg. histamine for the first three days, followed by 3 mg. for three days, 2 x 2 mg. for three days and finally 2 x 3 mg. for three days. Desensitization was controlled by observing the fall in rectal temperature after histamine injection and the increase in the respiratory rate with a lack of oxygen. The former reaction did not occur in histamine desensitized mice (Arch. Internat. Pharmacodyn. 1948, 76,394). It is not possible to desensitize mice with small doses of histamine without a fall of temperature. If 5 ug./g. pyribenzamine is given 30 minutes before and 2.5 ug/g. pyribenzamine with a histamine injection, no fall in temperature occurs. Using this procedure regular desensitization for histamine was obtained, whereas mice treated only with pyribenzamine were not desensitized. Adrenaline and atropine do not inhibit the fall of rectal temperature or desensitization with histamine. The significance of histamine-desensitization in treatment is discussed.
Ambrus - Zurich

FABINYI, M. 1951

(Dept. Pharm. Univ. of Lund.)

"The Effect of Phenbenzamine on the Immediate Reactions of the Blood Pressure After Locally Applied Skin Burns."

Kungl. Fysiogr. Sallsk, Lund. Forhandl. 1951, 21/5 (5 pages)
Abst: Exc. Med. 11, Vol. 5, No. 7, p. 885

BODNEVAS, A.I., kand. khim. nauk, red.; MATULIS, Yu.Yu., **doktor khim.**
nauk, red.; YANITSKIY, I.V. [Janicki, I.], red.; FABIONAVICHYU, I.
[Fabijonavicius, I.], **insh.**, **otv. za vypusk**; KANOVICH, N., red.;
PILKAUSKAS, K., **tekh.** red.

[Improvement of electroplated coatings; materials] Voprosy usov-
vershenstvovaniia gal'vanopokrytii; materialy. Vil'nius, In-t
khimii i khimicheskoi tekhnologii Akad. nauk Litovskoi SSR, 1961.
122 p.
(MIRA 15:4)

1. Respublikanskaya konferentsiya khimikov-gal'vanikov, rabotnikov
nauki i promyshlennosti. 2d, Vilnius, 1960.
(Electroplating)

FABIONAVICHUS, I. I.

USSR/Chemical Technology. Chemical Products and Their Application.
Electrochemical Manufactures. Electrical Precipitation.
Chemical Sources of Current.

J-11

Abs Jour: Referat Zh.-Kh., No 8, 1957, 27546.

Author : I. Fabionavichus.

Inst : _____

Title : Installation for Measuring Capacity of Chemical Sources of Electrical Current.

Orig Pub: Izmerit. tekhnika, 1956, No 3, 79.

Abstract: For the determination of the capacity of chemical sources of electrical current, it is convenient to use an installation containing a special measuring part (relay or contact ammeter or voltmeter) that automatically cuts out the circuit of the current source under study discharged through the ampere-hour counter as soon as its emf reaches the minimum permissible value. The difference between the final and initial

Card : 1/2

-1-

USSR/Chemical Technology. Chemical Products and Their Application. J-11
Electrochemical Manufactures. Electrical Precipitation.
Chemical Sources of Current.

Abs Jour: Referat Zh.-Kh., No 8, 1957, 27546

readings of the ampere-hour counter determines the capacity of the source. Applying a similar measuring part for limiting the charge of storage batteries (also through an ampere-hour counter), it is easy to determine the efficiency of a storage battery from the data of charging and discharging.

Card : 2/2

-2-

8-15-54
RASIN, S.D.; GOLUBCHIK, A.A.; YABISH, G.G.

Further findings on effectiveness of sleep induced by
electricity and by conditioned reflex. Zh. nevropat.
psikhiat., Moskva 54 no.1:14-16 Jan. 1954. (GML 25:5)

1. Department of Psychiatry, Institute of Clinical
Physiology, Academy of Sciences Ukrainian SSR.

FABISHEVSKIY, A.V.

Effect of defects in welded joints on the resistance of welded structures to brittle failure. Trudy LPI no.229:33-46 '63.
(MIRA 17:9)

P.O.B.

674.017.1

F. H. H. M. The Drying of Timber in Temperatures Above 100°C.

Prace Instytutu Drewnianego w Warszawie, tom 1, 1934, str. 1-17, 5 figs.

The author reviews the method of drying timber in box-type dry-ovens at temperatures above 100°C, and comes to the following conclusions: 1) that there is a certain limit of humidity in the factor of drop in drying, 2) that the rate of actual timber moisture to ultimate moisture is a function of the correct saturation temperature in the drying oven, 3) that this method is suitable for a relatively tight seal in the drying chambers, due attention being given to intensive air circulation, as the factor ensuring uniform humidity tem-perature throughout the drying oven.

FABISIAK-M.

1251

674.017.3.001.2

Graczyński T., Fabisiak M. The Hygro-Sounder Method in the Timber Drying Process.

„Metoda hygrosandy w procesie suszenia drewna”. Przemysł Drzewny. No. 6, 1955, pp. 14-15, 1 fig.

A new method, developed at the Department of Mechanical Technology of Timber of the Higher Agricultural School at Poznań, for keeping check on moisture content of timber at various points of section. The method, briefly called the Hygro-Sounder Method, makes it possible to observe the tensions originating in timber during the drying process. The underlying principle is the measurement of electrical conductivity by means of any such electric hygrometers as work on the basis of ohmic resistance measurements. The method makes possible partly automatic control of the drying process.

mech *3.*

FABISIANK, M.

"Trends of the development of Lumber drying in Poland." p. 26.
(PRZEMUSŁ DRZEWNY. Vol. 6, No. 1, Jan. 1955. Warszawa, Poland)

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

FABISIAK, M.: GRAZECZYNSKI, T.:

A new method of measuring moisture in the process of drying lumber.
p. 154 Vol. 6, no. 6, June 1955

PRZEMYSŁ DRZEWNY
Warszawa

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, Mar. 1956

FABISIAK, M.

FABISIAK, M. Barrels from thin staves made of glued lumber. p. 238.

Vol. 6, No. 9, Sept. 1955

PRZEYSŁ IZKOWY

TECHNOLOGY

Warszawa, Poland

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

WIACKOWSKI, Jacek; FABISIAK, Mariusz

Application of radioactive isotopes for testing the quality of
wood. Przem drzew 13 no.5:20-23 My '62.

FABISZEWSKA-GORNA, Danuta

Vogt-Koyanagi syndrome. Klin. oczna 32 no.4:427-430 '62.

1. Z Kliniki Ocznej AM w Gdansk. Kierownik: prof. dr nauk med.

I. Abramowicz.

(UVEITIS)

(ENDOCRINOLOGY)

(ALOPECIA)

KOMARNICKA, Romualda; FABISZEWSKA-GORNA, Danuta

Ocular manifestations in Graves-Basedow's disease. Clinical characteristics and therapy. Pol. arch. med. wewnet. 34 no.8:1083-1088 '64.

1. Z III Kliniki Chorob Wewnętrznych Akademii Medycznej w Gdansk (Kierownik: prof. dr. med. M. Gamski); z Kliniki Chorob Oczu Akademii Medycznej w Gdansk (Kierownik: prof. dr. med. I. Abramowicz); z Przychodni Endokrynologicznej w Gdansk (Kierownik: dr. med. L. Tenczynski) i z Instytutu Immunologii i Terapii Doswiadczałnej im. Ludwika Hirszfelda we Wrocławiu (Dyrektor: prof. dr. med. S. Slopek).

FABISZEWSKI, ANDRZEJ

35005

S/563/61/000/216/002/007
D215/D304

17300

AUTHOR: Fabishevskiy, A.V.

TITLE: Influence of welding stresses on crack formation in steel structures

SOURCE: Leningrad. Politekhnikheskiy institut. Trudy no. 216, Moscow, 1961. Svarochnoye proizvodstvo, 56 - 74

TEXT: The author sought to relate brittle fracture in mild steel to the internal stress condition brought about by welding and external loading and to energy changes during cracking. The treatment was largely theoretical; the experimental work carried out illustrated features of brittle fracture rather than confirmed the mathematical formulations. Residual stresses σ , are created, and elastic energy U , becomes stored in a structure as a consequence of welding, the amount depending on the welding technology and design. Balanced stresses are generated in absence of restraint and are longitudinal tensile stresses (sometimes approaching the yield point) close to the weld and compressive stresses elsewhere. Reaction stress

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Influence of welding stresses on ... S/563/61/000/216/002/007
D215/D304

ses are produced in conditions of external restraint and are all tensile. Service conditions may super-impose an external loading. On cracking, a continuous change occurs in the magnitude and distribution of welding stresses and their distribution in zones adjoining the weld, and U is decreased by dissipation of energy which is consumed in the formation of surfaces of separation, plastic deformation of layers adjoining the crack, sound accompanying fracture, expulsion of fractured pieces etc. It is useful to distinguish the work done on the structure up to crack formation A_1 , from the subsequent work of propagation A_2 . A_1 is affected by the large volume of metal being plastically deformed in the place of origin, and transition of a ductile into a brittle crack. The additional energy at this stage is normally derived from impact, sharp and irregular temperature changes or external static loading. During crack acceleration the thickness of plastically deformed layer diminishes, and $A_2 \ll A_1$. For initiation and acceleration of cracking $U_1 \geq A_{ac}$ where U_1 = elastic energy liberated at crack formation and

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X

Influence of welding stresses on ... S/563/61/000/216/002/007
D215/D304

beginning of propagation, A_{ac} - work of activation required which may be taken as A_1 . For continued propagation:

$$\frac{dU}{dF} \leq \frac{dA}{dF} \quad (5)$$

or for an element of thickness, σ :

$$\frac{1}{\sigma} \cdot \frac{dU}{dt} \geq \frac{1}{\sigma} \cdot \frac{dA}{dt}, \quad (5a)$$

where dU - elastic energy liberated in increasing surface of advancing crack by dF , and t - crack length. To a first approximation Eq. (5) becomes

$$\frac{dA}{dE} = A_s = A_2 \quad (6)$$

where A_s - specific work of fracture. At both stages of crack development the stress at the point of initiation or root of the crack must equal the U.T.S. of the material, σ_b . Formulas relating liberated energy and crack dimensions for various material and stress

Card 3/5

Influence of welding stresses on ...

S/563/61/000/216/002/007
D215/D304

conditions are tabulated. From these, graphs may be plotted showing U and dU against arc length. By noting where work A_2 on the U axis intersects the dU/dt curve it is possible to read off the critical crack length t_{cr} , at which spontaneous crack advance is possible by liberating the elastic energy of the welded element. This would correspond to the quantity of liberated energy being smaller than that consumed in increasing the surface area of the fracture. With balanced welding stresses the maximum possible length of spontaneous cracking is equal to the width of the tensile stresses zone. When this length is reached the welding stresses in the crack zone vanish and further growth is only possible through energy being liberated by external loading. With reaction stresses present crack development is possible throughout the section. These considerations do not include activation of a crack but only the growth of one which is already advancing. Additional energy is necessary for activation. General formulas for calculating critical and activation crack lengths and some results are tabulated. Experiments were performed with MCT .3 (MSt. 3) steel plates and results are presented.

Card 4/5

X

Influence of welding stresses on ...

S/563/61/000/216/002/007
D215/D304

ted in tabular form. There are 13 figures, 4 tables and 12 referen-
ces: 9 Soviet-bloc and 3 non-Soviet-bloc. The references to the
English-language publications read as follows: D.K. Felbeck and E.
Crowan, The Welding Journal, no. 5, 1955; T.S. Robertson. Journal
of the Iron and Steel Institute, Dec. 1953; H. Kinara, K. Masubuchi
T. Kusuda and K. Iida, JJW, X.219, 59, June 1959.

ASSOCIATION: Leningradskiy politekhnicheskii institut (Leningrad
Polytechnic Institute)

Card 5/5

X

POL/36-59-10,11-4/15

28 (3)

AUTHOR: Fabiszewski, Andrzej, Graduate Engineer

TITLE: The Effect of Welding Stresses on Initiation of Brittle Fracture in Welded Structures

PERIODICAL: Przegląd Spawalnictwa, 1959, No 10 - 11, pp 276 - 280

ABSTRACT: The problem of brittle fracture in welded structures is reviewed and the theory developed that they occur only during sudden changes of inner stress; critical temperature of brittleness and notch effect are considered of secondary importance. The mutual influence of these factors and yield deformations and their limits are shown on Figures 1 - 3. The energies developed and consumed during the fracture and their influence on dimensions, location and orientation of the fracture are discussed and shown on Figures 4 - 6. Directives for avoidance of brittle fracture, e.g. se-

Card 1/2

POL/36-59-10,11-4/15

The Effect of Welding Stresses on Initiation of Brittle Fracture in Welded Structures

lection of steel resistant to cracking brittleness, and designing of seams so as to avoid accumulation of stress, are given.

There are 6 diagrams and 17 references, 6 of which are Polish, 5 Soviet, 4 US, 1 British and 1 West German.

ASSOCIATION: Politechnika Szczecińska (Szczecin Technical College)

Card 2/2

FABISZEWSKI, Jerzy

~~"Our protected plants"~~ by Mikolaj Kostyniuk, Edward Marczek.
Reviewed by Jerzy Fabiszewski. Wszechswiat no.4:110 Ap '62.

FALINSKI, J.B.; HRYNKIEWICZ-SUDNIK, J.; FABISZEWSKI, J.

Field brushwood of the order Prunetalia in the Kutno Plain
as indicating the present potential natural vegetation of
that region. Acta soc botan Pol 32 no.4:693-714'63.

1. Zaklad Fitosocjologii Stasowanej, Uniwersytet, Warszawa, i
Instytut Botaniczny, Uniwersytet, Wroclaw.

FABISZEWSKI, J.

Epiphytic lungworts of the Slezka Massif. Prace botan no.1:
229-282 '63 [publ. '64].

FABISZEWSKI, W.

"The Association of Engineers and Technicians of the Forest and Woodworking Industry Points out Material Reserves," P. 76. (PRZEGLAD TECHNICZNY, Vol. 75, No. 2, Feb. 1954, Warszawa, Poland)

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

FABISZEWSKI, W.

The Association of Engineers and Technicians of the Forest and Woodworking Industries in Yugoslavia. p. 35.

LAS POLASKI. (Ministerstwo Lesnictwa oraz Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Lesnictwa i Drzewnictwa) Warszawa, Poland, Vol. 32, no. 13/14, July 1958.

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

Uncl.

FABISZEWSKI, Wladyslaw

New methods in forest management. Przegl techn no.33:7 17 Ag '60.

FALISZEWSKI, Wladyslaw, dr inz.

A jubilee of productive work; the tenth anniversary of the
Association of Forestry and Lumber Engineers and Technicians.
Przegl tech no.3:4 17 Ja '62.

1. Sekretarz Generalny Stowarzyszenia Inzynierow i Technikow Lesnictwa
i Drzewnictwa, Warszawa.

FABISZEWSKI, Wladyslaw, dr

The Wood Technology Institute in the twenty years of the Polish People's Republic. Review Pol Academy 9 no.4:42-45 O-D '64.

1. Director, Institute of Wood Technology, Poznan. Submitted June 1964.

DEMIDENKO, Yu.B.; FABIYANSKIY, Ch.V.

Using a GCM-57 station with intermediate magnetic recording in seismic
shot-hole prospecting. Razved. i prom. geofiz. no.46:25-29 '62.

(MIRA 16:3)

(Seismic prospecting--Equipment and supplies)

FABJAN, Lajos

On the plans of the executive committee of Western Dunantul.
Kozleked kozl 18 no.16:267-268 Ap '62.

FABJAN, Vitja, inz.

Computing the hardness in girders. Stroj vest 8 no.4/5:147-156 0 '62.

1. Strojna tovarna, Trbovlje.

FABJAN, Vitja, ing.

Calculation of the input of reversible high-capacity rubber-belt
conveyers. (To be contd.) Stroj vest 7 no.1:29-32 Ja-'61.
(EEAI 10:9)

1. Strojne tovarne Trbovlje.

(Conveying machinery)

EXCERPTA MEDICA Sec 6 Vol 13/0 Internal Med Sent 50

FABJAŃSKA LUCYNA

4968. BULLOUS DISEASES/ I. IMPORTANCE OF CYTOLOGICAL AND HISTOLOGICAL EXAMINATIONS IN DIAGNOSIS AND DIFFERENTIAL DIAGNOSIS OF BULLOUS DISEASES, ESPECIALLY PEMPHIGUS AND DÜHRING'S DISEASE - Choroby pęcherzowe. I. Znaczenie badań cytologicznych i histologicznych w rozpoznawaniu i różnicowaniu chorób pęcherzowych, w szczególności pęcherzycy i choroby Dühringa - Jabłońska S., Fabjańska L., and Milewski B. Klin. Dermatol. A.M., Warszawa - PRZEGL. DERM. WENER. 1958, 8/4 (401-409) Illus. 10

Fifty-five cases were examined histologically and cytologically. The authors emphasize the great diagnostic value of acantholysis, which is specific for pemphigus and does not appear in other pathological conditions except for the benign, familial pemphigus of Halley and Darier's diseases, which are readily distinguished by their clinical picture and course. The presence or absence of acantholysis is of basic importance for differentiation between pemphigus and dermatitis herpetiformis. The finding of single acantholytic cells is of no diagnostic importance. The presence of a large number of atypical epidermal cells is decisive.

Mierzecki - Wrocław (XIII, 5, 6)

Clin. Dermatol.

JABLONSKA, S.; FABJANSKA, I.; MILEWSKI, B.

Bullous diseases. II. Pemphigoid - its relation to pemphigus & Dabring's disease. Przegł. dermat., Warsz. 8 no.6:609-620 1958.

1. Z Kliniki Dermatologicznej A.M. w Warszawie Kierownik: prof. dr S. Jablonska. Adres: Warszawa, Klinika Dermatologiczna Akademii Medycznej Koszykowa 82 a.

(DERMATITIS HERPETIFORMIS, differ. diag.
pemphigus & pemphigoid dis. (Pol))

(PEMPHIGUS, differ. diag.
dermatitis herpetiformis & pemphigoid dis. (Pol))

(SKIN DISEASES, differ. diag.
pemphigoid dis. from pemphigus & dermatitis herpetiformis
(Pol))

FABJANSKA, L.

Histological examination of nodes of the vascular origin in comparison with other nodular changes. Przegl. dermat. 49:167-169 '62.

1. Z Kliniki Dermatologicznej AM w Warszawie Kierownik: prof. dr S. Jablonska.

(ERYTHEMA NODOSUM) (PERIARTERITIS NODOSA)
(TUBERCULOSIS CUTANEOUS)

1/10/54
PANKAS, E.; SICHER, J.

Studies in the chloramphenicol series. IX. Side-chain mercapto analogues and thioamides. In English. n. 752. (Collection of Czechoslovak Chemical Communication. Praha. East Vol. 19, no. 4, Aug. 1954)
SC: Monthly List of European Accession (MLA), 18, Vol. 4, No. 4, June 1954, Incl.

FABO, E.

Hungarian Technical Abst.
Vol. 5 No. 2
1953

62-785-21-44

63. Gas carburizing - *Gázeemésítés* - E. Fábó and Gy. Schön (Hungarian Journal of Metallurgy - *Kohászati Lapok* - Vol. VIII, XXX - No. 5, May 1953, pp. 106-116, 14 figs.)

Carburizing of steels suitable for case hardening in a gas atmosphere is described. The reactions of the gas component CO , N_2 , NH_3 , H_2 , CO_2 , O_2 , and water vapour with the surface of the steel are shown by graphs in the function of temperature. The composition and the method of producing gases suitable for carburizing as well as the effect of their mixtures on steels with details are furnished on gas carburizing by patent literature. A description of furnaces and the operation of them with diluted carbon dioxide gas is given.

KOVACS, P.; FABO, F.

Balneotherapy in the treatment of bone tuberculosis. Orv. hetil.
93 no. 35:1012-1014 31 Aug 1952. (CIVL 23:5)

1. Doctors. 2. Hodmezovasarhely General Hospital (Director -- Dr. Pal Ormos), Kakasseki Bone Tuberculosis and Lung Surgery Department (Head Physician -- Dr. Tibor Risko).

KOVACS, P.; FABO, J.

Preliminary results of isonicotinic acid hydrazide therapy of osseous tuberculosis. Orv. hetil. 94 no.19:524-526 10May 1953. (CML 25:1)

1. Doctors. 2. Kakasszeki Bone Tuberculosis Surgery Department (Head Physician -- Dr. Pal Kovacs), Hodmezovasarhelyi Municipal Council Hospital (Director - Head Physician -- Dr. Pal Ormos).

FABOK, V.; VYSNYI, L.

"Automatic remote control and protection of the multimotor drive." p.120

TECHNICKA PRACA. (Rada vedeckych technickyh spolocnosti pri Slovenskej akademii vied) Bratislava, Czechoslovakia, Vol. 7, no. 3, 1955.

Monthly List of East European Accessions Index (ZEAI) LC, Vol. 8, No. 9, Sept. 1959.

Uncl.

FABOK, Zoltan

From the experiences of the trade union congresses. Munka 11 no.2:
11-12 F '61.

1. Szakszervezetek Országos Tanácsa szervezési és kaderosztalyanak
vezetoje.

(Hungary--Trade unions)

FABOK, Zoltan

On the threshold of trade-union elections. Munka 12 no.1:
6-7 Ja '62.

1. Szakszervezetek Országos Tanácsa szervezési és kaderosztá-
lyának vezetője.

FABOK, Zoltan

Some questions relating to the work of leading organs. Munka 12 no.11:
5-7 N 162.

1. Szakszervezetek Országos Tanácsának szervezési és kaderosztályának vezetője, és "Munka" szerkesztő bizottsági tagja.

FABOK, Zoltan

Thorough knowledge of the situation is the basis of leadership.
Munka 13 no.7:1-2 J1 '63.

1. Szakszervezetek Országos Tanácsa szervezési és kader
osztályának vezetője; "Munka" szerkesztő bizottsági tagja.

~~ABOK~~, Zoltan

Trade union elections. Hung TU no.3/4:14-15 '63.

FABOK, Zoltan

Further development of the trade-union movement. Munka 14 no.4:4-5
Ap '64.

1. Head, Organisation and Cadre Division, Central Council of Hungarian
Trade Unions, Budapest, and Editorial board member, "Munka."

FABOK, Zoltan

Trade union elections. Munka 14 no.12:1-2 D '64.

1. Head, Organization and Cadre Division, Central Council
of Hungarian Trade Unions, Budapest, and Editorial Board
Member, "Munka."

FABOR, Leo, inz. (Zilina)

Activities of the enterprise branch of Czechoslovak Scientific Technical Society affiliated to National Enterprise Pozemne stavby, Zilina. Inz stavby 9 no.10:400 0 '61.

FABORSKY, Miloslav

7002

~~The complexometric determination of calcium and magnesium in glass. M. A. Friedrich and Miloslav Faborsky (Vědecký ústav státního aká. Techn. Čechoslovenska, 114-16(1960)). The new titrimetric method for detg. Ca and Mg with complexon III is described. The interfering elements are bound with triethanolamine. Eriochromium Black I and murexide are used as indicators. 12 references. P. Schneider~~

M. A. YOUTZ

2 copies

2

PM

157 AND 158 INDEX PROCESSES AND PROPERTIES INDEX 159 AND 160 INDEX

FABRE, R. *bc* *A-4*

Indicates impregnation of granular and toxic substances. Examples: (Chem. Abstr. J., 1956; 6, No. 1, p. 221-222). Various toxic substances including $CaCl_2$, CaH_2 , various quines, P_2 , and Cl_2 are retained by the endometrial glands, on which they probably exercise a profound effect.

W. O. K.

A.S.T.M. METALLURGICAL LITERATURE CLASSIFICATION

GROUPS	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
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FABRE, R. 17A

PROCESSES AND PROPERTIES INDEX

The use of electro dialysis in toxicologic research.
 R. Fabre. *Bull. acad. med. Roumanie* 3, 55 (1958)
 (C.R. 4-20-58). The quant. sepn. of a poison from a
 complex biol. medium by the method of electro dialysis.
 If properly done, in many cases has real advantages in toxicologic and pharmacodynamic studies. An electro dialyzer and its application to the toxicologic study of F and some barbituric derivs. (barbital, evipan) are described.
 George Nachod

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

ESTIMATED COST

CA FABRE, R.

13

The manufacture of packing materials of cellophane
R. Fabre. *Bull. acad. nat. sci.* 131, 632-3(1917); (*Chem
Zentr.* (Russian Zone Ed.) 1940, I, 265.—Salts of ethanola
mine should not be used instead of glycerol in the manu
of cellophane wrappings to be used in the food industry.
M. G. Moore

1951

25,6000

S/117/60/000/002/001/001

AUTHOR: Fabrerov, M. Z., Engineer

82242

TITLE: Fixture¹⁴ for Boring the Inside Profile of Turbine Blades of Variable Cross-Section on Lathes₁₄ 26--

PERIODICAL: Mashinostroitel', 1960, No. 2, pp. 27-28

TEXT: It is suggested to machine on lathes small-sized blades with very steeply twisted inside profile, where the curvature at some places reaches a magnitude of $R \approx 10 \div 12$ mm. Boring of the blade profile is carried out on a modernized "ДПТ-200" (DIP-200) lathe with the aid of two spatial cams. Thanks to the presence of two spatial cams, the blade blank receives a motion which is identical to the inside blade contour, while the cutting tool, revolving at a constant speed, cuts the blade profile according to the required dimensions. The author describes the design of the cams and their arrangement on the lathe and the design of the fixture of clamping the blade to be machined. Profiling of the cams is carried out by the graphic method, a description of which is given by the author. A manufacturing accuracy¹⁴ in the range of 0.1-0.2 mm, with an allowance for further grinding or polishing operations, can be obtained with the method described. There are 7 diagrams. X

Card 1/1

FABRI, I.

HUNGARY/Plant Diseases - Diseases of Cultivated Plants.

0.

Abs Jour : Ref Zhur - Biol., No 8, 1958, 34960

Author : Csiba Lajos, Fabri Ilona

Inst : -

Title : Anthracnose of the Tomato.

Orig Pub : Elelm. ipar, 1957, 11, No 2, 45-49

Abstract : No abstract.

Card 1/1

COUNTRY:	: Hungary	H-28
CATEGORY	:	
ABS. JOUR.	: RZKhim., No. 5 1960, No.	19825
AUTHOR	: Fabri, I. and Simek, F.	
NOTE	: Not given	
TITLE	: The Importance of Yeasts in the Food Industry	
ORIG. PUB.	: Elelm Ipar, 19, No 6, 157-192 (1959)	
ABSTRACT	: Processes using yeasts in various branches of the food industry and the degradation of food products by yeasts are discussed. The bibliography lists 13 titles.	
		A. Yemel'vanov

CARD: 1/1

CSIBA, Lajos, dr.; FABRI, Ilona

Anthraxnose of tomatoes. Elelm ipar 11 no.2:45-49 Ap '57.

1. Konzerv-, Hus- es Hutoipari Kutato Intezet Mikrobiologiai
Oosztalya.

FABRI, Ilona; SIMEK, Ferenc

The role of yeasts in the food industry. Elelm ipar 13 no.6:
187-192 Je '59.

1. Magyar Allami Paradiksomkeszitmenyek Minosito Allomasa (for
Fabri). 2. Erjedesipari Kutatointezet (for Simek).

FABRI, K. E.; SMIRENINA, L. B.

Evolution; Darwin, Charles Robert, 1809 -1882

Letters of a great biologist. L. B. Smirenina, K. E. Fabri., Agrobiologia, no. 6, 1951.

Monthly List of Russian Accessions, Library of Congress, April 1952. UNCLASSIFIED.

FABRI, K. E.

"Khvatatel'naya funktsiya ruki primatov i faktory ee evolyutsionnogo razvitiya."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences, Moscow, 3-10 Aug 64.

FABRI, L.

Hungary/Plant Disease. Diseases of Cultivated Plants 4-3

Abs Jour : Ref Zhur-Biol., No 8, 1958, 34960

Author : Csiba Lajos, Fabri Lona

Inst : Not given

Title : Antrachnosis of Tomatoes (Antaknos tomatov)

Orig Pub : Elclm. ipar, 1957, II No 2, 45-49

Abstract : No abstract

Card 1/1

FABRI, N.

Economic map and gravitational zones of Novi Sad. p. 115.

SRBOTICA CHEMICA ACTA (Hrvatsko kemijsko drustvo, Svenciliste u Zagrebu i Hrvatsko prirodoslovno drustvo) Zagreb, Yugoslavia, Vol. 7, no. 11, 1951

Monthly list of East European Accessions (EEAI) LC, Vol. 1, no. 1, Aug. 1952

Uncl.

FABRI, Nandor, prof.

Morphology of Senta. Zbor prir Mat srp no.23:104-119 '62.

FABRI, Tibor; TOTH, Tibor

Let us utilize the experiences of the work competitions in honor of the Party Congress! Munka 13 no.1:10-11 Ja '63.

1. Szakszervezetek Országos Tanácsa termelési osztályának munkatársa.

FABRI, Tibor

The 2nd national conference of Czechoslovak socialist brigades. Munka
14 no.4:17 Ap '64.

1. Production Division, Central Council of Hungarian Trade Unions,
Budapest.

FABRICHEVA, N.P., otv. za vypusk; BRUNOVSKAYA, Kh.V., tekhn.red.

[Economy of Bryansk Province; statistics] Narodnoe khoziaistvo
Brianskoi oblasti; statisticheskii sbornik. Orel, Gosstatizdat,
1962. 255 p. (MIRA 16:7)

1. Bryansk(Province). Oblastnoye statisticheskoye upravleniye.
(Bryansk Province--Statistics)

AUTHOR: Fabrichkovskiy, A.B., Engineer

SOV-9E-58-8-12/22

TITLE: Mechanization of Unloading and Transportation of Cement at the Construction of the Stalingrad GES (O mekhanizatsii razgruzki i transportirovaniya tsementa na stroitel'stve Stalingradskoy ges)

PERIODICAL: Gidrotekhnicheskoye stroitel'stvo, 1958, ²⁷Nr 8, p 44 (USSR)

ABSTRACT: In connection with an article by Engineer A.A. Smolyar, published in Nr 7 (1957) of this periodical, the author suggests the use of a method elaborated by the Orgenergostroy for unloading cement at construction sites. In this method the cement is unloaded from the RR car directly into the bunker under the railway.

1. Consturction materials--Handling 2. Cements--Handling

Card 1/1

BOYEVA, Ye.M., kand. med. nauk; MAL'TSINA, V.S.; RAYT, M.L.;
FABRICHNAYA, V.A.; SHEBALKINA, T.P.

Experience in the use of acupuncture in vasomotor rhinitis.
Vest. oto-rin. 25 no.2:23-27 Mr-Apr '63. (MIRA 17:1)

1. Iz polikliniki po lecheniyu passtroystv slukha i rechi
i laboratorii reflektornoy terapii (nauchnyy rukovoditel' -
prof. G.N. Kassil') AMN SSSR, Moskva.

RYKOV, A.T., gornyy inzh.; FABRICHNOV, S.M., gornyy inzh.; KOGOV, A.V.,
gornyy inzh.

Ventilation of scraper levels at the mine of the 40th Anniver-
sary of the All-Union Lenin's Young Communist League. Gor. Zhur.
no.5:65-69 My '65. (MIRA 18:5)

1. Leninogorskiy polimetallicheskiy kombinat.

RYKOV, A.T., gornyy inzh.; FABRICHNOV, S.M., gornyy inzh.; KOKOV, A.V.,
gornyy inzh.; ZORDUNOV, A.N., gornyy inzh.

Electric exploder networks in large-scale blasting at the 40th
Anniversary of the All-Union Lenin Communist Youth League Mine.
Gor. zhur. no.11:71-72 N '64. (MIRA 18:2)

1. Leninogorskiy polimetallicheskiy kombinat.

CA

10

Beckmann rearrangement of oximes I. L. Knuvantz
and B. P. Fabrichnyl. *Uspekhi Khim.* 18, 683-57 (1949).
A crit. review; 112 references. N. Thon

1951

CA

Rearrangement of oximes of cyclic ketones. The rearrangement of 3,4-dihydro-2(1H)-naphthalenone oxime. I. L. Knunyants and H. P. Fabrichny. *Doklady Akad. Nauk S.S.S.R.* 66, 527-8(1949). The 3,4-dihydro-2(1H)-naphthalenone (I) adduct with NaHS₂ with an excess of NH₄OH gave 84% I oxime; the free ketone gives a much poorer yield. The oxime (5.5 g.) in 0.3 ml. dry pyridine treated with 0.6 g. p-MeC₆H₄SO₂Cl in pyridine at -5°, then let stand overnight at 0° and treated with ice, gave 8.2 g. I oxime p-toluenesulfonate, m. 111° (from dil. pyridine). This (12 g.) in 240 ml. MeOH heated in a sealed tube to 180° 0.75 hr., filtered, cooled, and diluted with H₂O gave a tar which, exhd. gave 78% o-(2-aminoethyl)phenylacetamide (II), m. 150-60° (from H₂O). I treated with Na₂CO₃ on cooling, gave 78% o-(2-aminoethyl)phenylacetamide (II), m. 150-60° (from H₂O). I added to 210 ml. H₂N₂ soln. (contg. 0.638 g./ml.) in CHCl₃ and treated at 35° with 34 ml. concd. H₂SO₄ over 2 hrs., quenched with ice, and neutralized with NH₄OH, gave 10.4 g. solid, b. 195-8°, resolved by soln. in Me₂CO into 1.15 g. II and 2.1 g. less sol. o-(aminomethyl)-o'-phenylpropionic acid lactam, m. 109-10° (from H₂O). G. M. Kosolapoff

CA

10

Rearrangement of oximes of cyclic ketones. Rearrangement of the dioxime of 1,4-cyclohexanedione. I. L. Knyazants and H. P. Patrishnyl. *Doklady Akad. Nauk S.S.S.R.* 66, 701-4 (1949). -1,4-Cyclohexanedione dioxime (I) does not have a characteristic m.p. and its spatial configuration is unknown; however, the possibility of the coexistence of syn and trans forms is supported by the rearrangement products, which after hydrolysis yielded $(\text{CH}_3\text{CO})_2\text{O}$, $(\text{CH}_3\text{NH})_2\text{O}$, and β -alanine. The rearrangement in 80° ; H_2SO_4 gave only unidentifiable products, hence the *p*-toluenesulfonate deriv. (see below) was used. I (7 g.) treated in 30 ml. pyridine with 21 g. *p*- $\text{MeC}_6\text{H}_4\text{SO}_3\text{Cl}$ in pyridine at -8° and let stand overnight at 0° , followed by diln. with ice-water, gave 20.8 g. bis(*p*-toluenesulfonate), m. 140° (from dil. pyridine). This (13 g.) heated 90 min. with abs. MeOH in a sealed tube to 100° , followed by heating the evapn. residue with 60 ml. concd. HCl, gave 0.3 g. $(\text{CH}_3\text{CO})_2\text{O}$, as well as some $(\text{CH}_3\text{NH})_2\text{O}$ and β -alanine. If the hydrolysis is conducted with 10° ; *p*- $\text{MeC}_6\text{H}_4\text{SO}_3\text{H}$ for 6 hrs. and the evapn. residue, extr. with MeOH, is treated with nitranilic acid, there is obtained 6.43 g. mixed nitranilates of $(\text{CH}_3\text{NH})_2\text{O}$ and β -alanine; passage of dry HCl into an EtOAc suspension of this gave 0.58 g. residue which with picric acid gave authentic ethylenediamine picrate, m. $232-4^\circ$ (23-4%); while the EtOAc soln. on diln. with H_2O , extr. with EtOAc and iso-AmOH, decolorization, and evapn. gave 1.74 g. β -alanine-HCl (from iso-PrOH), m. $118-20^\circ$.
G. M. Kosolapoff

FABRICHNYY, B. P.

Cand Chem Sci

Dissertation: "Rearrangement of the Oximes of Cyclic Ketones." 4/4/50

All-Union Sci Res Inst of Synthetic and Natural Perfumes, Ministry of Food
Industry USSR

SO Vecheryaya Moskva
Sum 71

KNUNYANTS, I.L.; FABRICHNYI, B.P.

Beckmann rearrangement. Rearrangement of α -ionone oxime. Doklady Akad.
Nauk S.S.S.R. 85, 793-5 '52. (MIRA 5:8)
(CA 47 no.19:9945 '53)

FABRICHNYI, B.A.

USSR/ Chemistry - Organic chemistry

Card 1/1 Pub. 22 - 16/54

Authors : Gol'dfarb, Ya. L.. and ~~Fabrichnyy~~, B. P.

Title : Synthesis of aliphatic amino-acids from thiophene derivatives

Periodical : Dok. AN SSSR 100/3, 461-464, Jan 21, 1955

Abstract : Experimental data are presented regarding the synthesis of alpha-amino acid with a normal carbon atom chain from thiophene derivatives. It was found that by applying a certain principle of cleaving the bifunctional thiophene derivatives it would be possible to obtain also other amino-acids with branched chain and other arrangements of the carboxyl and amino groups. Eight references: 4 USA, 1 French, 2 German and 1 USSR (1886-1954).

Institution : Academy of Sciences USSR, The N. D. Zelinskiy Institute of Organic Chemistry

Presented by: Academician B. A. Kazanskiy, September 10, 1954

FABRICHNY S.P.

Synthesis of amino dicarboxylic acids of aliphatic series from thiophene

Ya. I. Gol'dfarb, H. P. Kuznetsov, S. P. Shabatina, S. D. Zolotarev, A. A. Chumachenko, M. S. A. ...
 m.p. 149-150° - Hydrogenation of ...
 m.p. 175° (p-toluate, m. 127-8°), on hydrogenation it gave ...
 m.p. 149-51° Acylation by the usual method of ...
 with SnCl_4 catalyst gave 93% ...
 which after alk. sapon. to the dicarboxylic acid (93% yield), was converted to the oxime in 86% yield and hydrogenated over Raney Ni in 5% NH_4OH by stirring with the catalyst at 75-80° to 8-aminobutyric acid

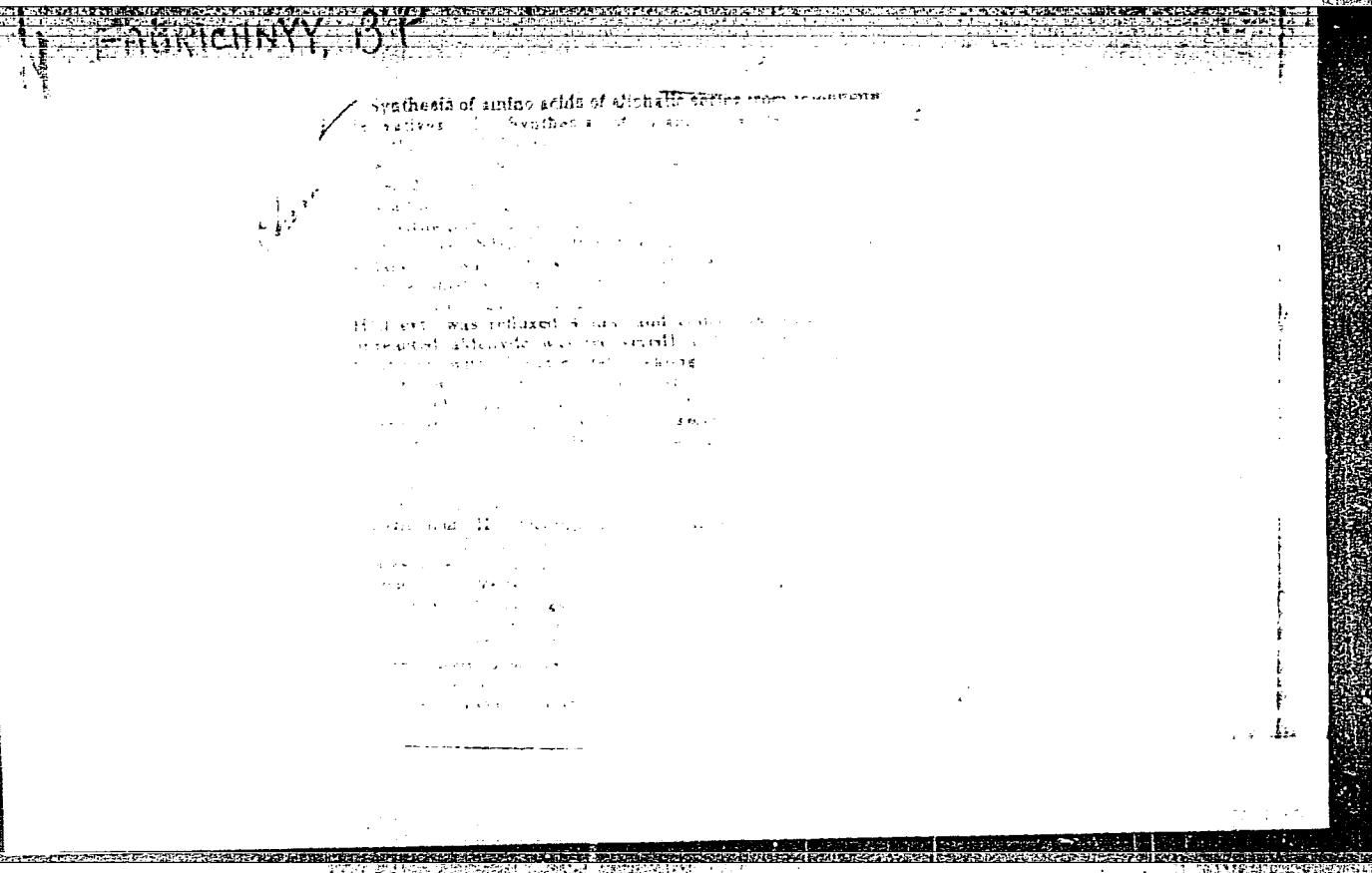
It mixed with its lactam, $\text{HO}_2\text{C}-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{NH}_2$.

m.p. 140-15°, the latter being obtained pure after ... from NaOH with AcOH , the lactam reduced in ... pure state or mixed with the open chain form, with ... HCl readily gave I HCl , m. 143-5°, which with NH_4OH gave free I, m. 139.5-40° (p-toluate, m. 114-15°).

G. M. Kosolapov

6

can rye



Goldfarb, Ya. L., Fabricichnyi, B.P. ...
 decomp. 186-7° (*p*-toluenesulfonyl deriv., m. 159.5-60.5°);
 a by-product was 5-tert-butyl-2-thiopyrimine HCl salt, m.
 220-30°; picrate, m. 185-6°. Refluxing 2 g. I with 0.7 g.
 Na₂CO₃ in 100 ml. H₂O with 9 g. Raney Ni 1 hr. gave, after
 the usual purification through the Cu salt, 53% *dl*-α-amino-
 enanthic acid, decomp. 270-80°; benzoyl deriv., m. 133-4°.
 II gave 41% *dl*-α-aminocaproic acid, decomp. 270-1° (ben-
 zoyl deriv., m. 125-8°); III gave 58% *dl*-α-aminocaproic
 acid, decomp. 275-7° (benzoyl deriv., m. 132°); IV gave
 51% *dl*-α-amino-β-ethylcaproic acid, decomp. 244-6° (*p*-
 toluenesulfonyl deriv., m. 105.5-7°). Oxime of α-thienyl-
 glyoxalic acid (cf. Goldfarb, and Fabricichnyi, C.A. 49,
 8241b) (3 g.) in 50 ml. H₂O, with 1.3 g. Na₂CO₃ and 20 ml.
 concd. NH₄OH was stirred with 15 g. Raney Ni at 70-8° 2
 hrs. yielding after the usual treatment through the Cu salt,
 50% *dl*-α-aminocaproic acid, decomp. 270-4°; benzoyl deriv.,
 m. 132°, identical with above described specimen.

C. M. Kosoloff 4/2

GOL'DFARB, Ya.L.; FABRICHNYI, B.P.; SHALAVINA, I.F.

New general method of preparing aliphatic aminoacids. Dokl. AN SSSR
109 no.2:305-308 J1 '56. (MIRA 9:10)

1. Institut organicheskoy khimii imeni N.D. Zelinskogo Akademii
nauk SSSR. Predstavleno akademikom A.A. Balandinym.
(Amino acids)

Fabricants, B.P.

BOGOSLOVSKIY, B.M.; KAZAKOVA, Z.S.; ~~FABRICHNYY, B.P.~~ redaktor;
SHEMASTINA, Ye.V., redaktor; LYR'YE, M.S., tekhnicheskij redaktor.

[Skeleton catalysts, their characteristics and use in organic chemistry] Skeletnye katalizatory, ikh svoistva i primenenie v organicheskoi khimii. Moskva, Gos.nauchno-tekh.nzd-vo khim. lit-ry, 1957. 143 p. (MIRA 10:11)

(Catalysts)

FABRICHNYI, B.P.

AUTHORS: Gol'dfarb, Ya. L., Fabrichnyy, B. P., Shalavina, I.F., 62-1-17/29

TITLE: On the Synthesis of the β -(2-thienyl) Alanine (O sinteze β -(2-tiyenil) alanina)

PERIODICAL: Izvestiya AN SSSR, Otdeleniye Khimicheskikh Nauk, 1958
Nr 1, pp. 98 - 100 (USSR)

ABSTRACT: The data published of late prove that β -(2-tienyl) alanine has an extensive biological activity. In connection here with a series of papers was published which dealt with the synthesis of the β -(2-tienyl) alanine. Crowe and Nord (reference 4) obtained this aminoacid by exploiting the reaction of the 2-thiophenalddehyde with rodanine. However, the experimental results of the synthesis which was based only on the use of rodanine were less satisfactory. For this reason it seemed expedient to the authors of this paper to investigate the possibility of the synthesis of the β -(2-tienyl) alanine according to the method of Sasaki. The experiments carried out by the authors showed that the method of the synthesis of β -(2-tienyl) alanine with the aid of diketopiperazine is comparatively simple: in any case it is more useful than the hitherto published methods. There are 8 references.

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