

COUFAL, M.

"How to Remove Scrap Castings From the Transversal Table for Milling Machines." p. 106 (STEVARENSTVI. Vol. 2, No. 4, Apr. 1954; Praha, Czech.)

So: Monthly List of East European Accessions, (EEAL), IC, Vol. 4, No. 4, April 1955, Uncl..

CONFAL, N.

Propagating frameless shaping. p. 179.
SLEVAŘENSTVÍ, Praha, Vol. 3, no. 6, June 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

COUFAL, M.

"Technical control department, efficient aid in the fight against defective products. p. 242"

"Abstracts of lectures delivered at the International Foundry Congress in Florence. p. 243"

SLEVARENSTVI. (Ministerstvo teskeho strojirenstvi a Ceskoslovenska vedecka technicka spolecnost pro hutnictvi a slevarenstvi) Praha, Czechoslovakia, Vol. 3, No. 8 Aug. 1955.

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

COUFAL, Rajmund, inz.

Notes on present techniques in making mosaic floors. Drevo
17 no.4:125-126 Ap '62.

1. Statni drevarsky vyzkumny ustav, pracoviste Gottwaldov.

COUFAL, Rajmund

Effect of the surrounding air humidity on the increase of moisture content in mosaic parquetry. Drevarsky vyskum no.4:247-255 '63.

1. Statny drevarsky vyskumny ustav Bratislava, pracoviste Gottwaldov.

COUFALIK, E.; BENEDIKT, J.

Phlegmonous appendicitis with hernia in a 30-day-old premature infant. Rozh.chir.42 no.12:899-902 D'63.

1. Oddeleni pro nedonosenec nemocnice v Kyjove (vedouci: MUDr. M.Kotulek) a Chirurgicke oddeleni nemocnice v Kyjove (vedouci: MUDr. E.Kytlica).

*

COUFALIK, Emil

Chemical Abst.
Vol. 48
Apr. 10, 1954
Electrochemistry

~~Conductivity of alyaloida~~ XVII. Contribution to the polarography of quinone and its derivatives. J. Bartek, M. Cezoch, and Fr. Santavy (Palacko Univ., Olomouc, Czech). *Chem. Listy* 47, 461-3 (1953); cf. C.A. 46, 11182z.
—In acid media, quinone is reduced in a 2-electron step, but in neutral and alk. media, a 4-electron change is noted. Quinotaxine gives a single 2-electron wave over the full pH range. Quinotaxol behaves like quinone. XVIII. Polarography and tautomerism of cotarnine and related substances. Emil Coufalik and Frantisek Santavy. *Ibid.* 1600-16.
—In acidic medium, Hydrastinine, cotarnine, berberine, and related substances were reduced at the quaternary double bond. In alk. medium, in addn. to the wave corresponding to the induction of quaternary double bond, a wave corresponding to the reduction of the open, aldehydic form was found. The carbino! form (pseudobase) could be supposed to exist only in alc. KOH soln. or with large excess of alkali; it was always accompanied with the reducible aldehydic form. The ultraviolet spectra described for berberine and cotarnine in alk. medium corresponded not only to the carbino! form but also to the second tautomeric form. XIX. Polarography of cheilerythrine and sanguinarine. Josef Bartek and Frantisek Santavy. *Ibid.* 1617-20.—Cheilerythrine and sanguinarine gave in acid medium 3 one-electron waves; in neutral medium 1 two-electron wave. This wave corresponded to reduction at more neg. potentials than the potential of the waves in acid medium. M. Hudlicky.

COUFALIK, E.; SANTAVY, F.

"Polarography of Alkaloids. XVIII. Polarographic Investigation of the Tautomerism of Cotarnine and Related Substances. In English." p. 457, (COLLECTION OF CZECHOSLOVAK CHEMICAL COMMUNICATIONS. Sbornik chechoslovatskikh khimicheskikh rabot, Vol. 19, No. 3, June 1954, Praha, Czechoslovakia)

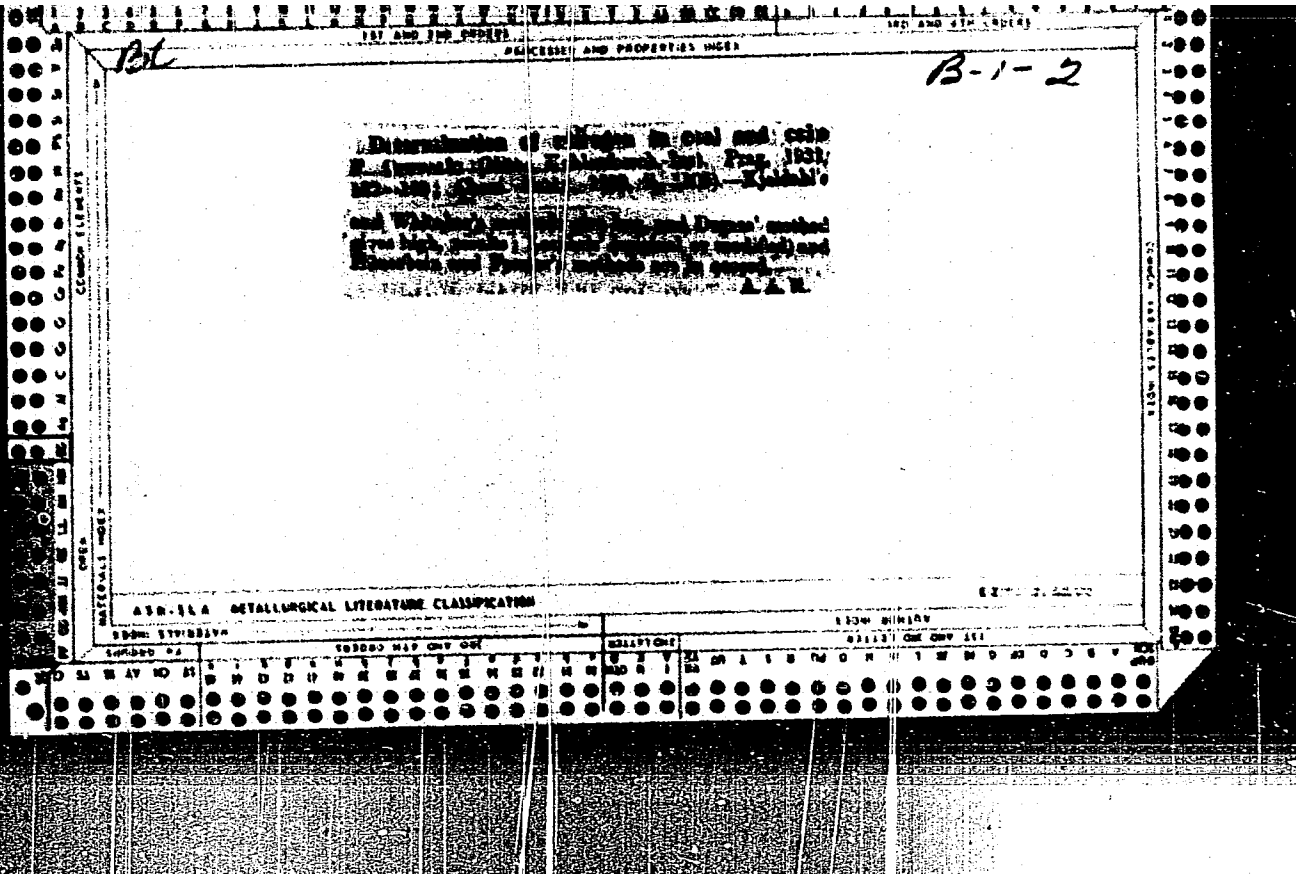
SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

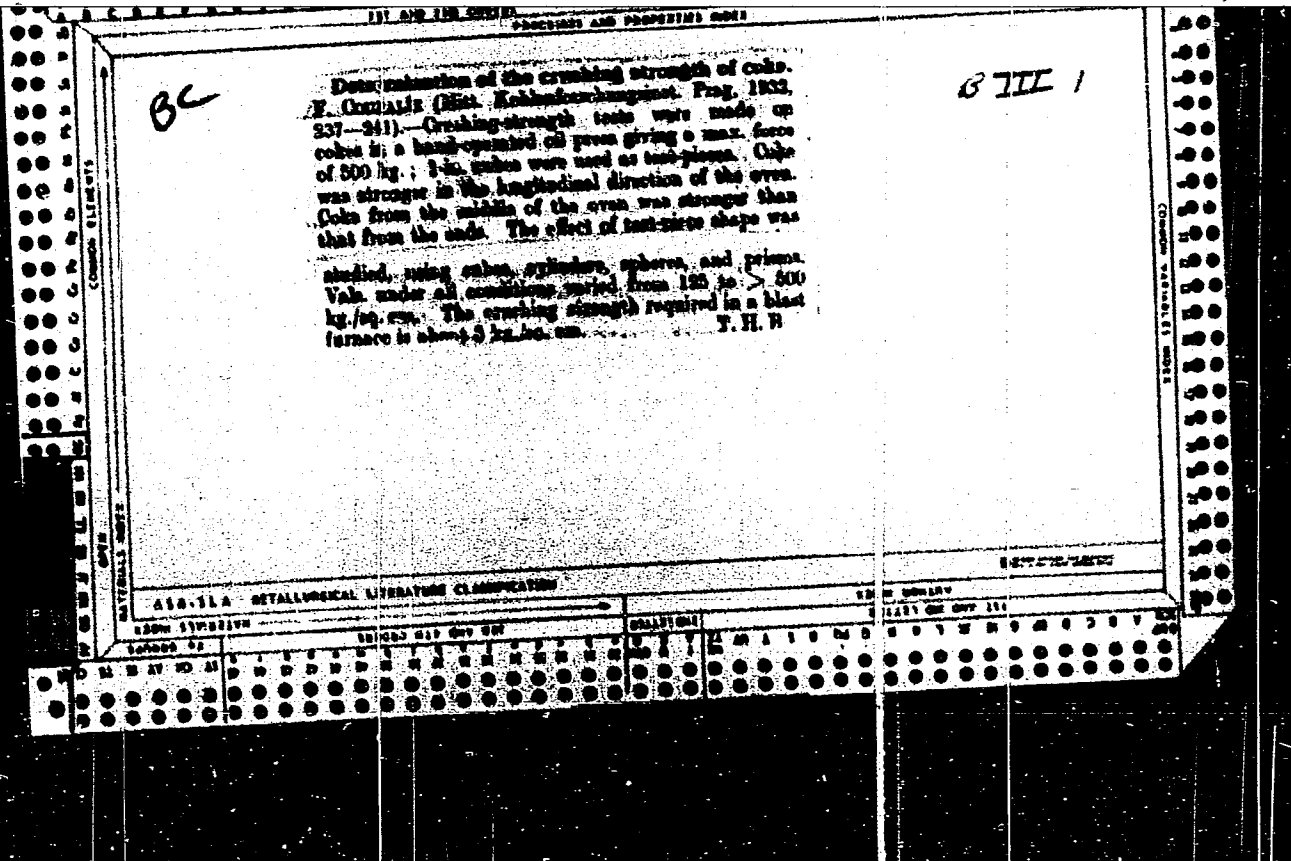
COUFALIK E.

COUFALIK, E. (Brno, Prikop 19.)

Neurotamin poisoning of 19-months old child. Cesk. pediat. 13 no.1:
43-46 5 Jan 58.

1. Detske oddeleni OUNE v Prostejove, prednosta primar MUDr A. Janca.
(PHENOBARBITAL, inj. eff.
phenobarbital-strychnine-vitamin B1-vitamin C prep. causing
pois. in child (Cs))
(STRYCHININE, inj. eff.
same)
(VITAMIN B1, inj. eff.
same)
(VITAMIN C, inj. eff.
same)





1ST AND 2ND CODES												PROCESSES AND PROPERTIES INDEX												3RD AND 4TH CODES											
The influence of the temperature, moisture and size of coke on the yield of by-products. Htetislay G. Simck and Frantisek Coufalik. <i>Hornický Věstník</i> 16, 3-7(1934). Chem. Abstr. Abstract sect., 32. Expts. made in the lab. at 800-1200° with uniform coal contg. 0-16% H ₂ O and being 0.5-20 mm. in size led to the following conclusions: a higher temp. has an unfavorable influence on the yield of by-products combined with a lower quality; H ₂ O lessens the yield of NH ₃ and C.H ₄ and the larger size of coal yields less tar and NH ₃ . J. Kubera																																			
ASB-514 DETALLURGICAL LITERATURE CLASSIFICATION												E-Z																							
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11 AND THE COVER PROCESSES AND PRIORITIES INDEX

CP

Coking properties of petrographic components of coal.
Hrdlicky O. Simek and Frantisek Cizkalis. *Hornický*
časopis 10, 320-33(1934); *Chem. Abstr.* 10, Abstract
10257 J. Kudera

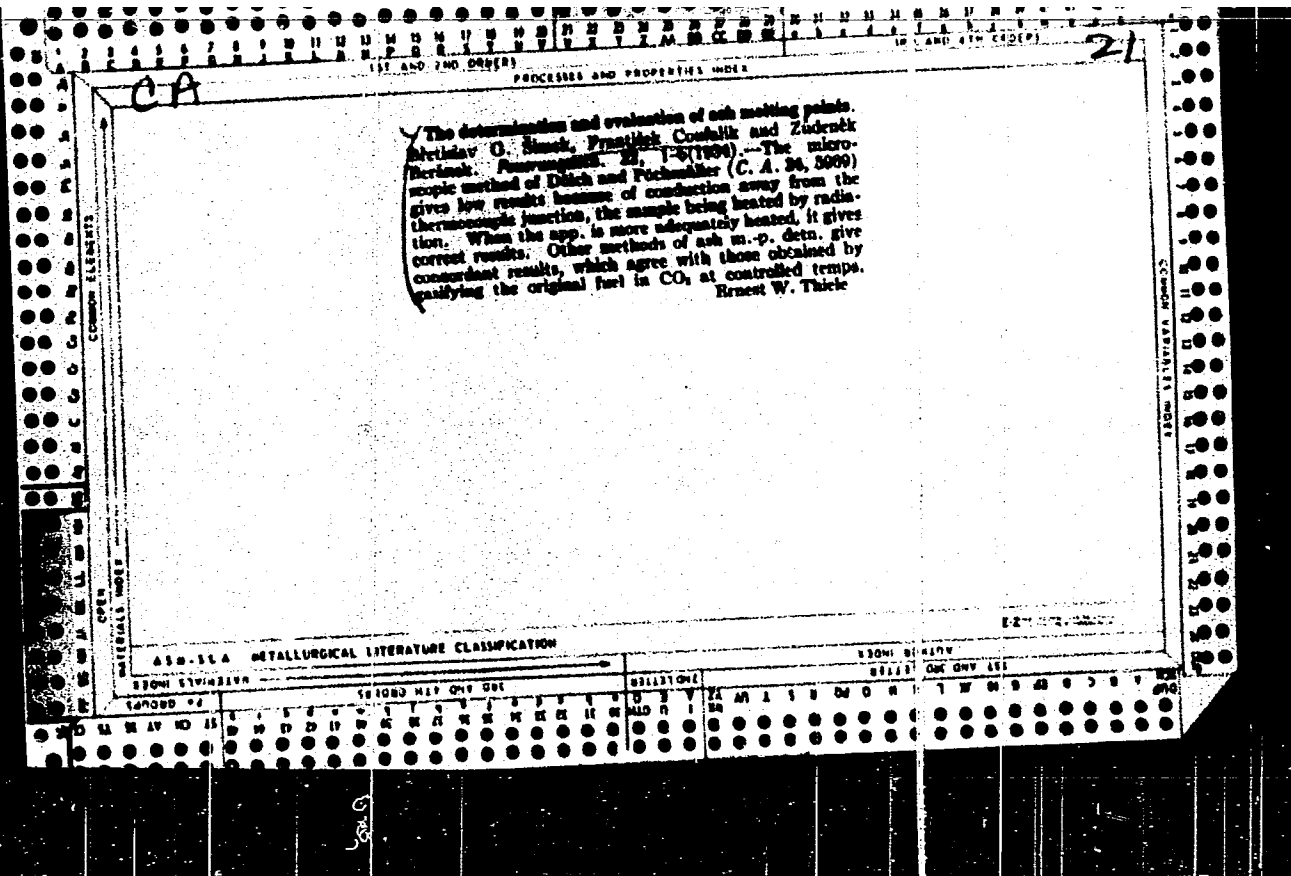
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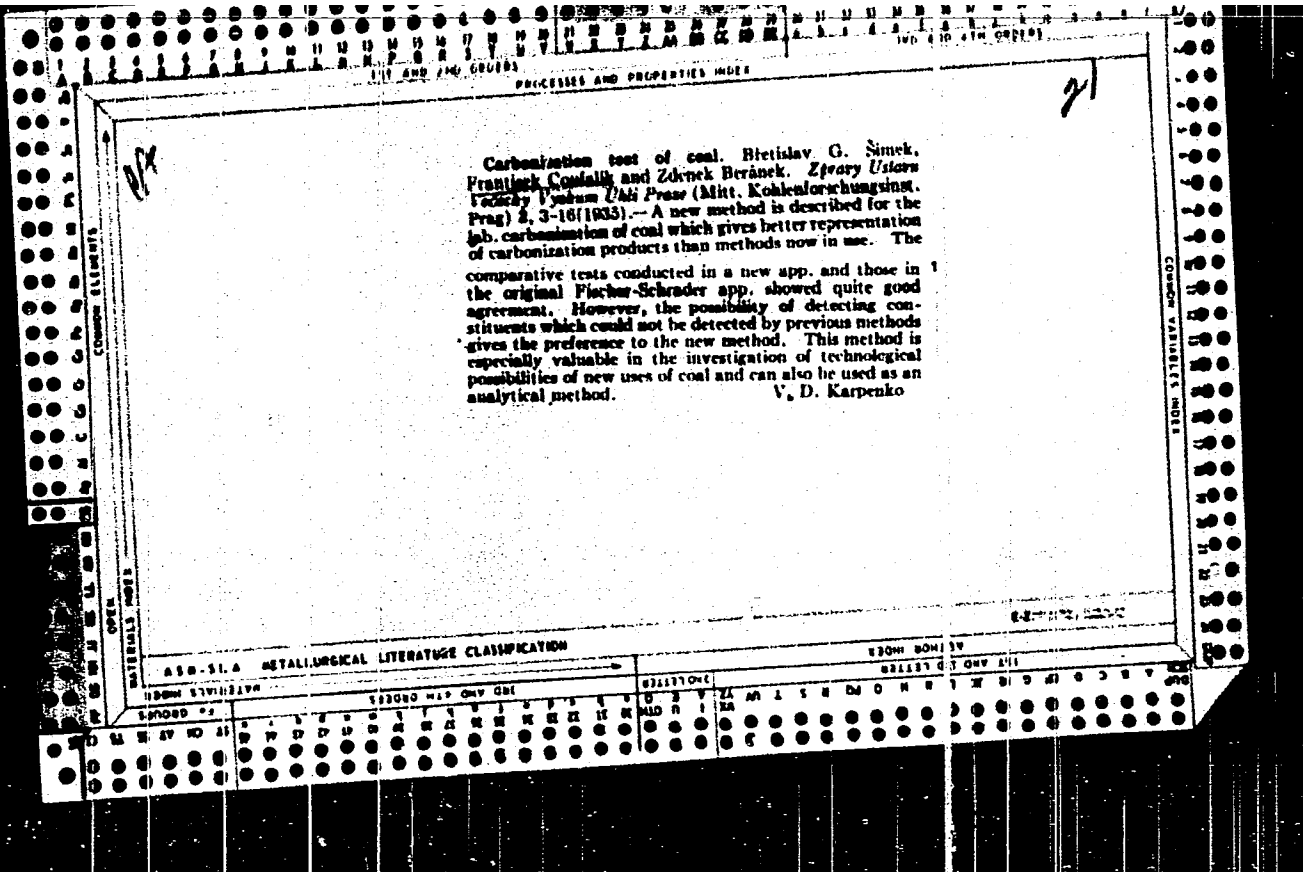
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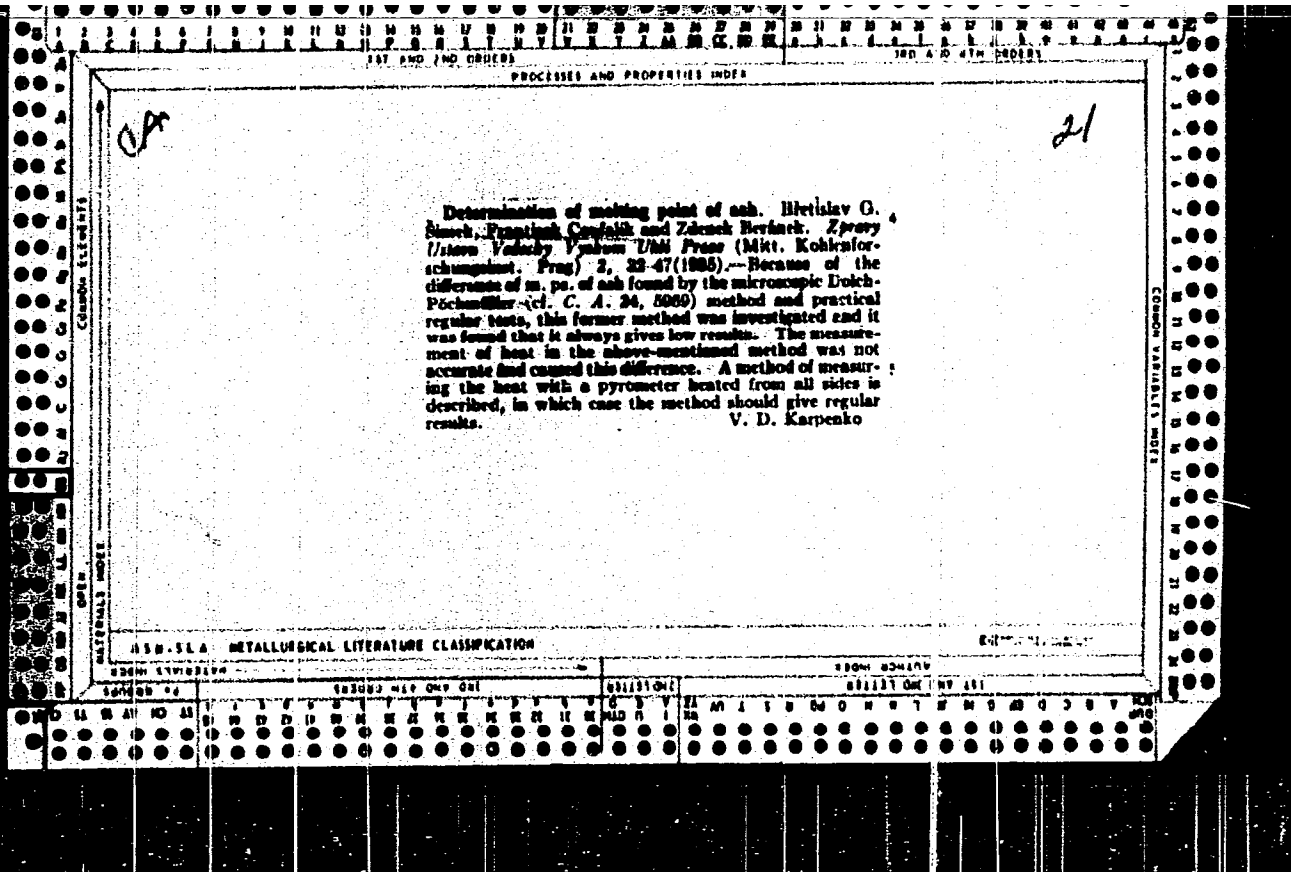
SEP 19 1964

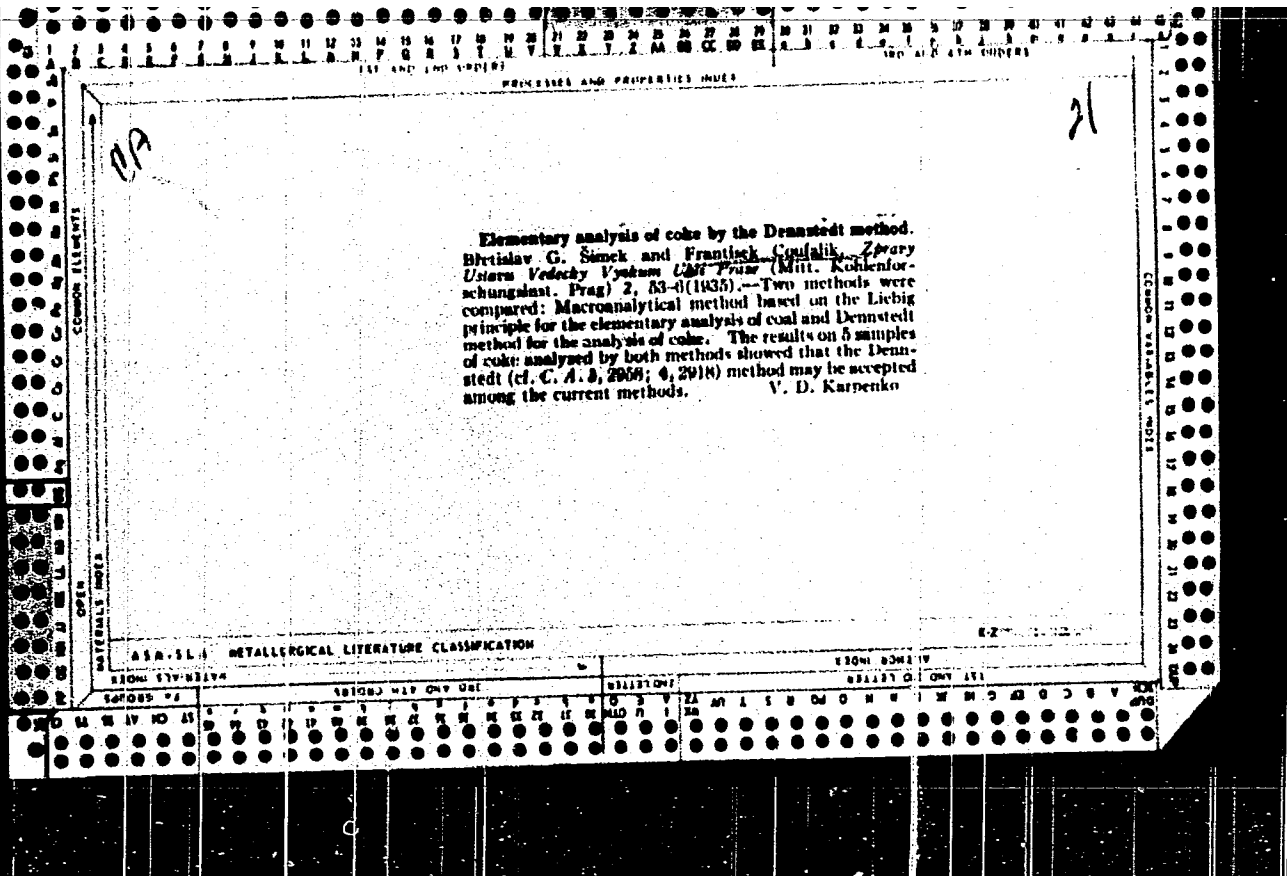
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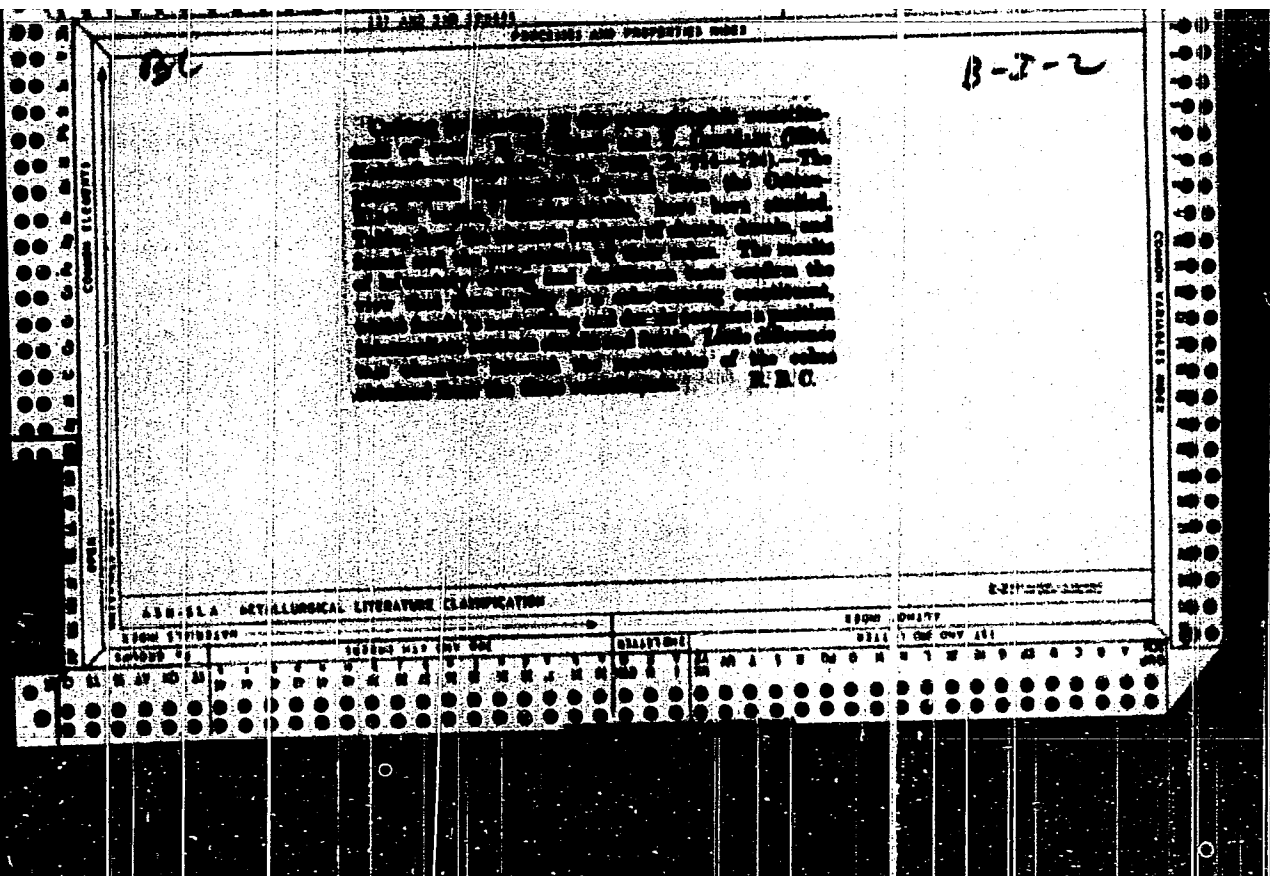
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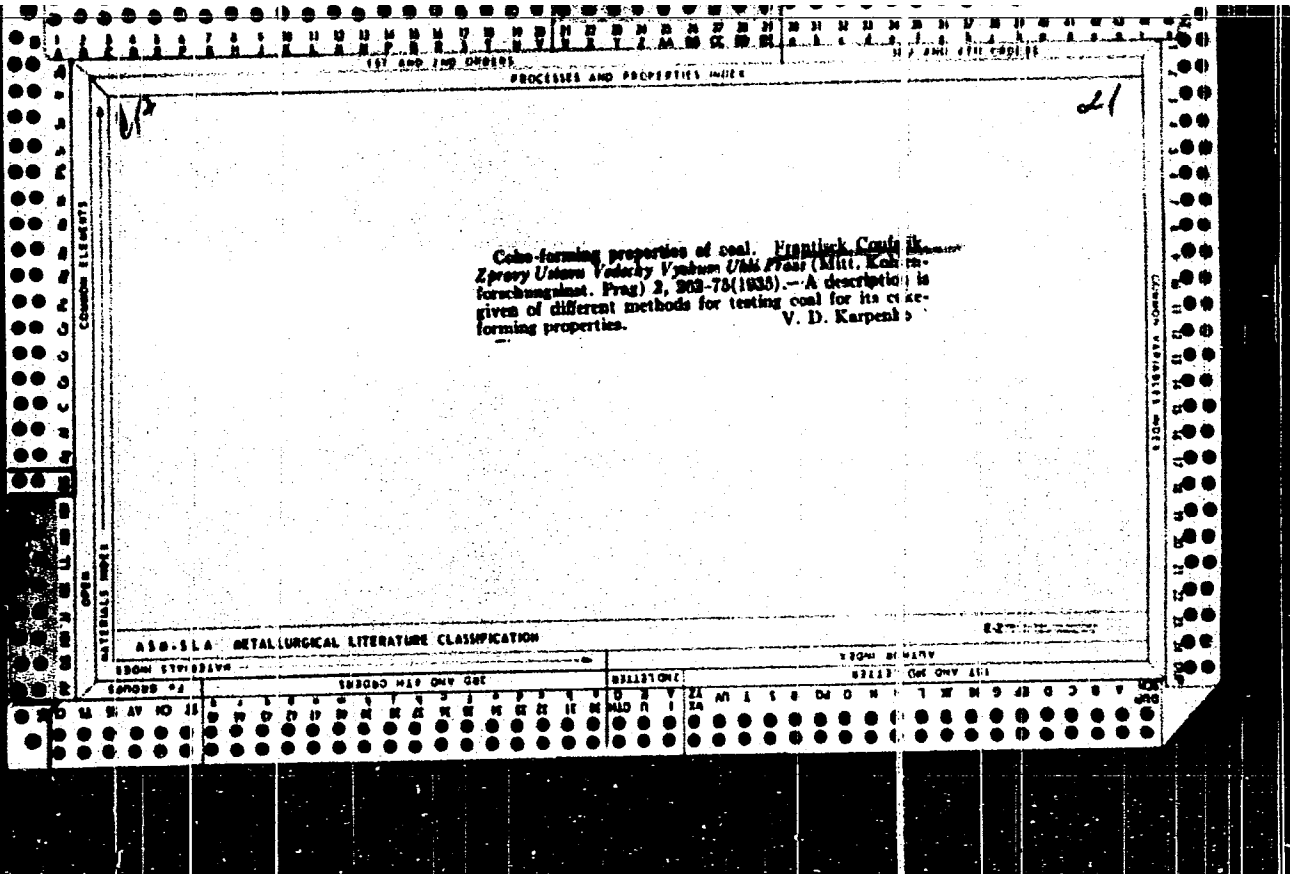


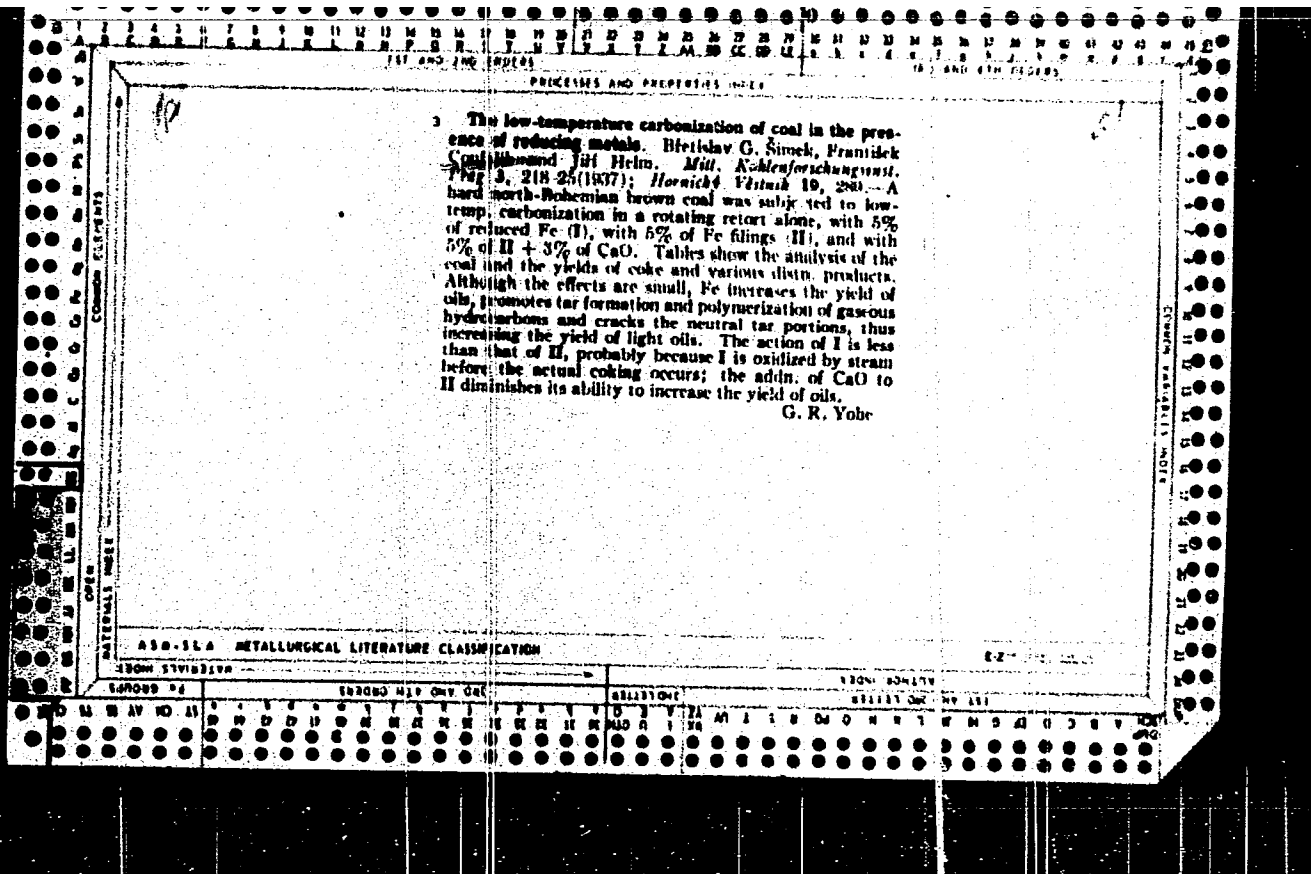


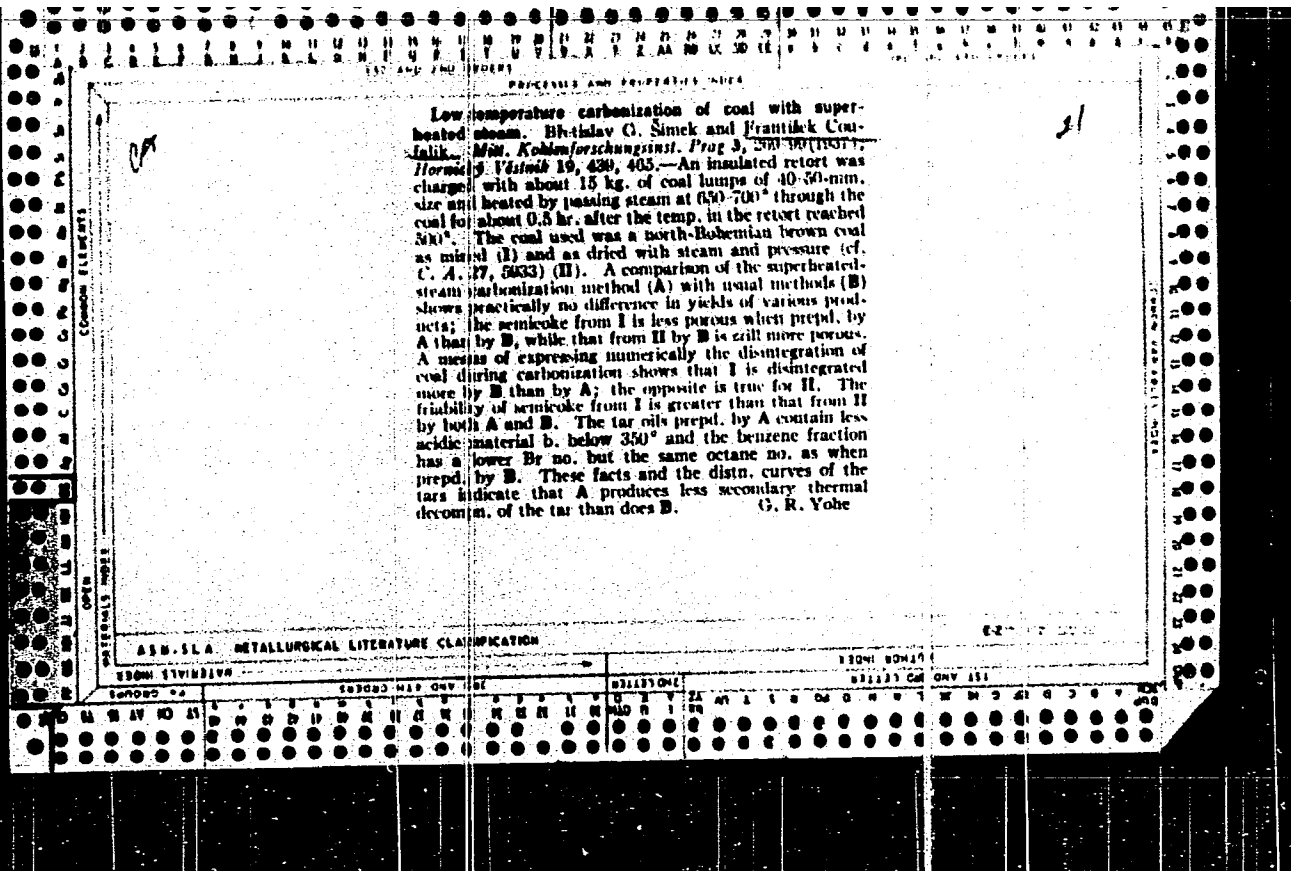


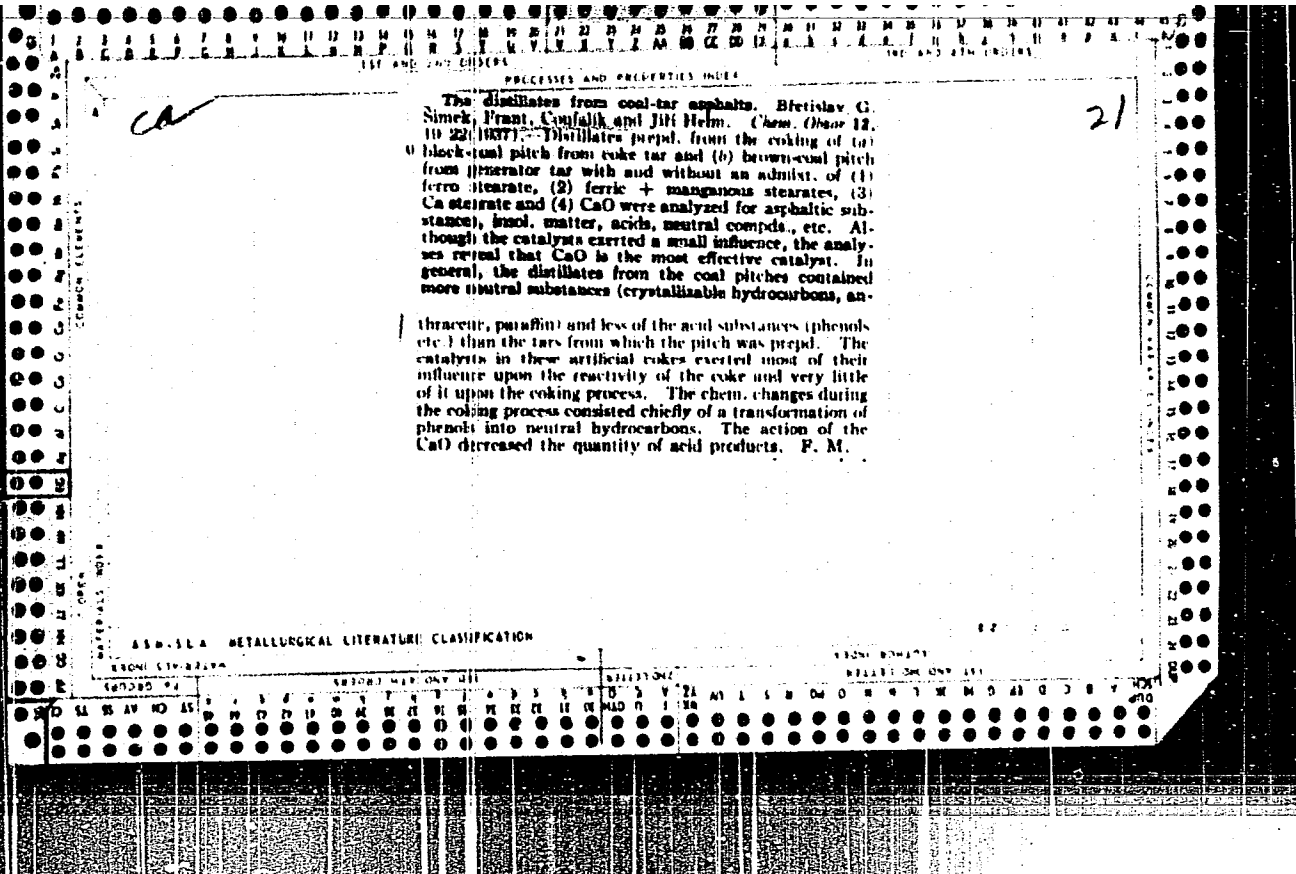


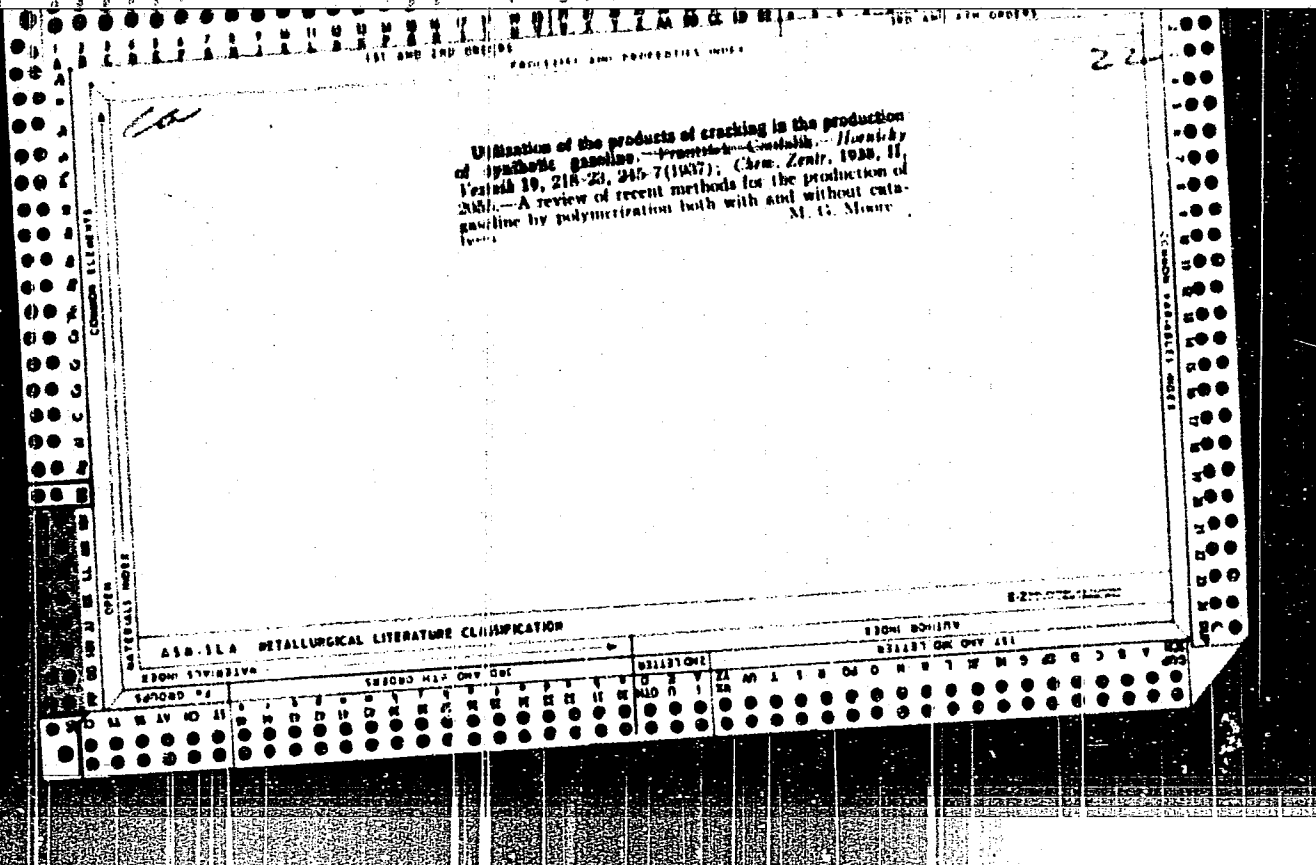












PROCESSES AND PROPERTIES INDEX

21

CP

The conversion of methane in a water-gas generator. Bluthay G. Simck, Frantisek Coudalik and Evtan Zamrzel. *Mit. Kohlenforschungsinst. Prag 3*, 230-53(1937); *Hornický Listnik 19*, 414(1937).—A mixt. of CH₄ (I) and steam (II) was passed over coke in a water-gas generator, starting at 1200° and continuing to not lower than 1000°. By varying conditions and proportions of II, products having H₂:CO ratios of 1.02-11.70 were obtained. The most important factor in practicable water-gas production from I was the temp., which should be more than 1100°. Increasing the rate of introducing I did not hinder its utilization as long as the temp. was maintained, but was a hindering factor at lower temps. It is advantageous to use I and II in proportions required for making a product of H₂:CO = 2. If too much II is employed, utilization of I is hindered; smaller amts. of II result in an increased decarbn. of I, giving finely divided C and a gas of higher H₂ content. The use of I with II in a water-gas generator is more desirable than the usual process from both thermodynamic and heat economy viewpoints. Tabulated data and methods of calcn. are given. G. R. Yohe

A I B - S L A METALLURGICAL LITERATURE CLASSIFICATION

SEARCHED	INDEXED	ABSTRACTED	REPRODUCED
Y	Y	Y	Y

21

ca

The crucible coking test. H. G. Simck, E. Conzalk, and J. Choura. *Zpřevod Uhlíky Vysokou Těplotou* 1948, 35-6 (in English).—An effort was made to develop a method applicable to various kinds of solid fuels, as (A) high-volatile bituminous coal for coking, (B) like coal for city gas, (C) subbituminous coal from north Bohemia, (D) coke from coke ovens, and (E) charcoal. Various known methods were critically appraised. For the ideal test (a) the method must be suitable for any solid fuel without regards to its volatile matter; (b) the fuel should be brought to the desired coking temp. within a short time and should be maintained at this temp. during the test; (c) the escaping volatile matter of the primary decompn. should be superheated as in d and j the reformed C held back and added to the coke yield; (d) non-agglomerating coal should not scatter in the crucible. The test is made in platinum-iridium crucibles. A 1-g. coal charge is placed inside a small crucible of 3.5 cc. content and 4 g. weight. This crucible is placed in an inverted position inside a larger crucible of 20-23 cc. and

20 g. The coal is weighed into the small crucible and the crucible covered with 10 g. ignited silica. The silica is sieved to 0.5-1.0 mm. grain size. Then the larger crucible is covered with a lid (not perforated). A special elec. furnace of high heat-retention capacity is brought to 1030°. Upon inserting crucibles the max. temp. drop is 100° and 1000° is reached again in approx. 1 min. Total coking time is 10 min. The findings on low-volatile coals are somewhere in between those of the ASTM method and those of the Borlum and Muck methods. The high-volatile coals gave low results by the ASTM method and higher results by the authors' methods, possibly owing to local overheating of vapors on silica and flaking of C there. Scattering as mentioned under d is prevented by moistening coal with EtOH.

Coal	Muck	Yield of coke method		Authors
		Borchers	ASTM	
A	84.94	84.89	82.62	82.48
B	66.51	66.88	64.71	68.76
C	43.05	43.33	39.50	40.12
D	98.32	98.10	98.12	96.35
E	76.34	77.31	65.65	78.70

J. Lederer

ASTM-ISA METALLURGICAL LITERATURE CLASSIFICATION

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PROCESSING AND PROPERTIES NOTES

8

CW

Germanium content of coals of the Ostrava-Karvina Basin. N. G. Simsek, F. Coufalik, and A. Stadler. *Zpravy Ústavního Vědecký Ústavu* 1948, 107-74 (in English, 174-5).—Coal ash from various seams was fused with Na_2CO_3 , the melt dissolved in concd. HCl , and GeCl_4 distd. off in a stream of Cl gas. GeCl_4 was pptd. from aq. distillate with H_2S as GeS_2 and centrifuged. GeS_2 was dissolved in KOH . This liquid was used to impregnate a pure graphite electrode of the Zeiss spectroscope having 2 quartz prisms. The ash of certain high-volatile coals contains Ge in approx. 10^{-4} concn.; ash of most of the coals contains 10^{-5} Ge . There is no connection between Ge concn. and the location of the seams. Ge apparently has no effect in the utilization of coal, e.g. a catalytic effect in hydrogenation of the coal. I. L.

METALLURGICAL LITERATURE CLASSIFICATION

BASIC NUMBER

CLASSIFICATION

CLASSIFICATION

PROCESSED AND PROPERTY INDEX

3

S

CRUCIBLE COOKING TEST. B. G. Simsek, F. Confaloni and J. Choura. (Communications of the Coal Institute (Prague), 1948, No. 4, pp. 7-40; (Abstract) Monthly Bulletin of the British Coal Utilisation Research Association, 1948, vol. 12, Oct., p. 313). The sample of coal contained in a platinum iridium crucible (with silica lid) is covered by a smaller, inverted crucible of the same material. In addition, the space between inner and outer crucible is filled with 0.5-1 mm. grains of silica previously ignited. Coals which tend to decrepitate when heated are first moistened with ethanol.

ATM. SLA 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
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CZECHOSLOVAKIA/Chemical Technology - Chemical Products and
Applications - Fertilizers.

H.

Abs Jour : Ref Zhur - Khimiya, No 11, 1958, 36827

...
...

economical. A possibility of getting F concentrate,
and rare earth elements by means of their preliminary
precipitation from the solution resulting from nitric
acid extraction, and by subsequent selective decomposi-
tion of the residue with the aid of diluted HNO_3 was
shown.

Bibliography 20 references.

Card 2/2

SEBOR, G., inz. CSc.; DEDEK, F., inz. CSc.; COUFALIK, J.

Separation of the flotation concentrate and flotation waste.
Paliva 45 no.1:8-12 Ja 1965.

1. Institute of Mining of the Czechoslovak Academy of Sciences,
Prague (for Sebor and Dedek). 2. Association of the Ostrava-
Karvina Mines, Ostrava (for Coufalik).

CZECHOSLOVAKIA

COUFALIKOVA-HATLEOVA, A.; Laboratory of Physiology and Genetics of Animals, Czechoslovak Academy of Sciences (Laborator Fysiologie a Genetiky Zivocichu, CSAV), Umrineves.

"The Influence of Volatile Fatty Acids (VFA) on the Content of Esterified Fatty Acids (EFA) in the Stomach Epithelium of Adult Cattle."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, pp 368 - 369

Abstract :VFA absorbed by the epithelium of the stomach does not stimulate formation of EFA in this tissue. Incubation in vitro does not increase the EFA content either in the tissue or in the incubation medium. Incubation with sodium acetate reduces the EFA content. Heart slices in vitro do not form EFA under the influence of VFA; however, when sodium acetate is added an increase in the EFA content is found. No references. Submitted at 3 Days of Physiology of Domestic Animals at Liblice, 8 Dec 65.

1/1

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in vacuo

CZECH

New chemical tests for glass. Nadežda Čechová, Univ. Brno, Czechia. 0.05% EtOH soln. of p-sulfophthalate are more the alkyl. of ampicillin agents it was shown that boiling in 0.01N HCl

The determination of alkalinity of pira and J. Lenčák (Masarykova Univerzita, Brno, Czechia). 23. 9-13(1954). A red or 0.01% soln. of bromo-phenolphthalein for the detn. of phenolphthalein. With these reagents it was shown that ampuls do not lose their alkyl. on boiling in 0.01N HCl. K. Marek

COUFALOVA, E.

Maximum water capacity of cushion-like mosses and their hydrological importance.
p. 255.
(BIOLOGIA, Vol. 12, no. 4, 1956, Bratislava, Czechoslovakia.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, 1957, December . Incl

LEWINA, M.; COUFALOVA, S.

The serum β -Lipoprotein level in tumours. Neoplasma, Bratisl.
7 no.4:419-426 '60.

1. Central Laboratory, District Hospital, Gottwaldov, Czechoslovakia.
(NEOPLASMS blood)
(LIPOPROTEINS blood)

24.3400

67002

AUTHOR: Payla Coufova

CZECH/37-59-1-8/26

TITLE: The Absorption Spectrum¹⁾ of KCl : Ca Coloured by X-rays²⁾
or Gamma-rays¹⁾

PERIODICAL: Československý Časopis Pro Fysiku, 1959, Nr 1, pp 53-56

ABSTRACT: The present paper compares the absorption spectra of crystals of KCl:Ca coloured by X-rays or by γ -rays. The monocrystals were grown from the melt which contained about 1% of CaCl_2 . Qualitative spectral analysis showed that the monocrystals contained traces of Fe, Cu, Ti, Mg, Si, Al, and large quantities of Ca. From the crystals samples 5 x 12 x 3 mm were cleaved and polished to optical finish. All measurements were started 4 hours after the end of irradiation and were carried out with very low light intensities on a spectro-photometer. The storage and measurements were carried out at room temperature. The reflection of the samples was also measured but remained constant for uncoloured or coloured samples. The irradiation by γ -rays leads to the appearance of two absorption bands with maxima at 0.54 μ and 0.56 μ . Coloration by X-rays of the same dosage produces only one band, with maximum at 0.55 μ . The intensity of this

Card
1/2

J. CZECHOSLOVAKIA/Optics - Spectroscopy.

K

Abs Jour : Ref Zhur Fizika, No 2, 1960, 4660

Author : Coufova, Pavla

Inst : -

Title : Absorption Spectrum of KCl.Ca, Irradiated by Gamma Rays and X-rays.

Orig Pub : Chekhosl. fiz. zh., 1959, 9, No 2, 168-171

Abstract : At room temperatures, an investigation was made of the absorption spectra of single crystals of KCl alloyed with Ca, subjected to prior irradiation by x-rays or gamma rays. When the crystals were irradiated by gamma rays (dose 10^4 r), two bands appear with maxima at 0.54μ and 0.56μ . In the irradiation with x-rays, at an equal dose, only one band appears with a maximum at 0.55μ . The splitting of this band into two occurs only after the crystal is irradiated with light having $\lambda = 0.54\mu$. At small doses of x-rays, the same

Card 1/2

CZECHOSLOVAKIA/Optics - Spectroscopy.

Abs Jour : Ref Zhur Fizika, No 2, 1960, 4660

K

situation is obtained as with gamma rays. The magnitude of the coefficient of absorption at the 0.55μ maximum of the band depends on the prior history of the specimen. As a result of repeated irradiation and heat treatment of the crystal, an additional band appears with a maximum at 0.62μ . The doublet band is identified with the F band, and the singlet one with the Z_2 band. The different values of the coefficient of absorption at the maximum of the F band for crystals, irradiated with x-rays and gamma rays, are due not to different intensities of the two sources, but to the different wavelengths of the radiation. -- E.L. Nagayev

Card 2/2

- 114 -

ROMANIA

COVACEVICI, V.

Bucharest, Studii si Cercetari de Metalurgie, No 3, 1963,
pp 341-352

"Research Regarding the Improvement of the Construction
and Composition of Casting Stopcocks."

COVACEVICI, V.

Research on the improvement of composition and construction of casting stoppers. Studii cerc metalurgie 8 no.3:341-352 '63.

AREND, H.; COUFOVA, P.

The compensation of heterovalent ferric ions in the lattice of barium titanate single crystals. Chekhosl fiz zhurnal 13 no.1:55-61. '63.

1. Fyzikální ústav, Československá akademie věd, Praha.

Distr: 4E2c

Color changes in BaTiO₃ single crystals in hydrogen atmospheres at high temperatures. Hanuš T. Arend and Paula Couřková (Czechoslov. Acad. Sci., Prague). *Czechoslov. J. Phys.* 9, 751-2(1958)(in English). Single crystals prepared by crystn. in the system BaCl₂-BaO-BaTiO₃ were studied. The resulting BaTiO₃ crystals were heat-treated in dry and moist H₂ near 1000°. The crystals changed from yellow to yellow-gray to blue-gray to brownish black in dry H₂, probably because of O vacancies; less coloration occurs in moist H₂.
A. Kremheller

3
1 - myc (JW)

S/058/62/000/003/044/092
A061/A101

AUTHORS: Coufova, P., Arend, H.

TITLE: The nature of color centers in oxygen-deficient BaTiO₃ single crystals

PERIODICAL: Referativnyy zhurnal, Fizika, no. 3, 1962, 26, abstract 3V193
("Tekhnol. fiz. zh.", 1961, v. B11, no. 6, 416 - 423, English;
Russian summary)

TEXT: Two bands with maxima at 0.48 and 0.64 μ , the position of which did not depend on the kinetics of nonstoichiometric O₂ formation, were established in the absorption spectrum of O₂-deficient BaTiO₃ single crystals. The color centers, responsible for both bands, are n-type. A model of color center - electron, trapped by an oxygen vacancy, is suggested for the band at 0.64 μ . As regards the band at 0.43 μ the results obtained do not permit any acceptable model to be given for the corresponding color center. ✓

[Abstracter's note: Complete translation]

Card 1/1

AREND, Hanus; COUFOVA, Pavla

A simple furnace for examination of the oxygen nonstoichiometry of titanates. Silikaty 5 no.2:159-162 '61.

1. Fysikalni ustav, Ceskoslovenska akademie ved, Praha.

C Z E C H

Plant proteins. II. Amino acid content of the seed proteins of *Trigonella foenum-graecum* and of the seed protein and thallus proteins of *Galga officinalis*. J. Koloušek and C. B. Coulson (Technická 1903, Prague). *J. Sci. Food Agr.* 4: 203-6 (1953) cf. *C.A.* 48, 7139d.—Alk. bucol. N; alk.-sol. N; and protein N were detd. after isolating the proteins from seeds and thallus of *Galga* and the seeds of *fenugreck*. The approx. quant. amino-acid compn. of the proteins was detd. by means of a rapid paper chromatographic method and found to be comparable to that of the seed proteins of cotyledonous plants. Martin Páček

MD ✓ Plant proteins. IV. Amino acids present in alcoholic extracts of grass and legume hays and fennel seeds. J. Koloušek and C. H. Coulson (Czech. Acad. Sci., Prague). J. Sci. Food Agr. 6: 463-10 (1955); Cf. C.A. 49: 13335c. Amino acids were detd. in alc. exts. of lucerne hay cut in different growth stages and of mature grass and legume hays. Some amino acids of the lucerne decreased in quantity at various growth stages with increasing age, whereas others formed a fairly const. percentage of the total N at each stage. Differences were found in asparagine-aspartic acid content of lucerne hay from different sources. Differences in amino acid content owing to mowing were found also. Alc. exts. of fennel seeds contain few free amino acids, and many are present in the peptidic linkage.

Morton Pader

①

COUTURE-SPICER, A.; BUDBERG, A.

Documentation in the enterprise. Akt probl inf dok 7 no.4:39-47
Jl-Ag '62.

COZL, Jiri, inz.

Algorithm of the train transportation diagram with fixed specification of train schedules. Doprava no. 2:119-126 '64.

FAGARASANU, I.; COVACI, A.

Diagrams for combustion calculation. Bul Inst Petrol
Rum 9: 227-230 '63.

COVACI, Alexandru

Supporting the increasing of woolen production. Munca sindic 6 no.10:
26-29 0 '62.

1. Presedinte al comitetului sindicatului Gospodariile Agricole
de Stat, Utvinis.

COVACI, GH.

Rumanian Railroads in the 15 years since liberation. p. 399.

REVISTA CALOR FERATE. (Calle Ferate Romine) Bucuresti, Rumania.
Vol. 7, no. 8, Aug. 1959.

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

Uncl..

COVACI, Gh., ing.

Development of railroad sectors. Rev cailor fer 12 no. 8:
422-450,460 Ag '64.

1. Director General of Rumanian Railroads.

GEANA, Ion; COVACI, Ion; DINCA, Nicolae

Letters from the newspaper correspondents of the General
Direction of Construction and Assembling, Bucuresti.
Constr Buc 14 no. 673:3; 1 December 1962.

Covaci, L.

RUMANIA/General Biology. General Histology.

B-3

Abs Jour : Ref Zhur-Biol., No 16, 1958, 71557

Author : Riminiceanu, C.; Miclea, C., Dragan, M.,
Covaci, L., Dinca, C.

Inst : Rumanian Academy, Timisoara Base.

Title : Morphological Changes of the Chondriome of
Embryonic Chicken Liver Cells under the
Influence of Morphine Introduction.

Orig Pub : Studii si cercetari stiint. Acad. RPR, Baza
Timisoara, Ser. stiinte med., 1956, 3, No
1-2, 39-48

Abstract : By investigating the quantitative and quali-
tative changes of the chondriome of embryonic
chicken liver cells under the influence of
daily (from the 4th to 15th day of incubation)

Card : 1/2

COVACI, Maria, candidat in stiinta istorice

30 years since the heroic struggles of Rumanian railway men and oil-
industry workers. Munca sindic 7 no.2:5-8 '63.

COVAGI, St., prof. ing.; HIRIAN, C., ing.; POPESCU, Al., ing.

Study of the physico-mechanical properties of the rocks of the Cuzap I mine in view of determining the method for directing rock pressure. Rev min 16 no.2:19-56 F '65.

(1)
RUMANIA

HUN, N., Dr; COVACI, V., Dr.

Reghin Hospital (Spitalul Reghin) - (For all).

Bucharest, Viata Medicala, No 13, 1 Jul 63, pp 907-908

"Emergency Treatment of Biliary and Renal Colics. (Using
Substitutes for Morphine and Its Derivatives)."

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HOLSZKY, C.; ORASANU, L.; COVACI, V.

Transalkylation reactions in the series of alkyl benzenes.
Pt. 2. Bul Inst Petrol Rum 9: 115-137 '63.

L 35214-66

SOURCE CODE: RU/0022/66/011/002/0087/0091

ACC NR: AP6026877

12
B

AUTHOR: Haret, Constantin (Engineer); Covaliov, Tamas (Engineer)

ORG: Hydrotechnical Study and Planning Institute (Institutul de studii si cercetari hidrotehnice)

TITLE: Drains used in irrigation

SOURCE: Hidrotehnica, gospodaria apelor, meteorologia, v. 11, no. 2, 1966, 87-91

TOPIC TAGS: waterway engineering, soil property, water pollution

ABSTRACT: The authors discuss the use of drains for irrigation in general, and describe the unsatisfactory results obtained in Rumania on a clayey alluvial swampy terrain (in the Seimeni district). During the experimental period, 1959-1964, the salt contents of the soil increased by 2 to 5 times, and the water also became salinized. The use of drains is now being tested on different terrains, in the Danube flood plain. Orig. art. has: 4 figures and 1 table. [Based on authors' Eng. abstract] / JPRS: 36,452

SUB CODE: 13 / SUBM DATE: --Apr65 / ORIG REF: 002 / OTH REF: 006 /
SOV REF: 001

Cord 1/1 MLP

UDC: 626.84

0916 2632

COVALTU, I., ing.

Utilization of the powder obtained from combustion gases
of the clinker brick rotary kiln, for manufacturing some
reduced trademark cements. Rev constr si mat constr 15 no.
11: 591-595 N '63.

BURGHELE, Th., academician; COVALIU, Tina; RUGEIDORFF, E.W.; MIHAILA, V.

Diagnostic and therapeutic importance of complex investigations
in urinary lithiasis. Stud. cercet. med. intern. 6 no.2:
197-204 '65.

RUMANIA / Farm Animals. Swine. Q

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40489.

Author : Cadantu, L., Petrescu, C., Popovici, E.,
Covaliu, V.

Inst : Not given.

Title : The Influence of Roots on the Productivity of
Pregnant Sows.

Orig Pub: Probl. zootehn., 1957, No 3, 26-32.

Abstract: An experiment was conducted at the experimental station Rushetsu on 45 sows in the second period of pregnancy. The 1st group was given carrots as a supplement to the basic ration, the 2nd group - carrots and mangels, and the 3rd group - mangels. As compared with the controls, the number of live baby pigs in the 1st group was higher by 2.4%, in the 2nd group - by 4.5%.

Card 1/2

7-27 2/2

50

COVALLI, Victor

A new method for determining heat losses in central heating.
Energetica Rum 7 no.11:453-457 N '59.

COVALSCHI, Tr., ing.

Present stage of thermoelectric cooling. Ind alim anim 11 no.1:
7-10 Ja'63

1. Director adjunct al Directiei Tehnice din Ministerul Indus-
triei Alimentare.

RUMANIA/Chemical Technology - Chemical Products and Their Application - Carbohydrates and Refinement: II.

Abs Jour : Ref Zhur - Khimiya, No 9, 1958, 30419

Author : Covalschi, Tr.

Inst :
Title : On the Prevention of Scale in the Evaporators of Sugar Refineries.

Orig Pub : Rev Ind Aliment Prod Vegetale, No 6, 1-2, 1956.

Abstract : The causes of scale formation in the evaporators are discussed. Methods are described for the prevention of scale formation (by technical and mechanical or electrical and chemical means) and for its removal when formed.

Card 1/1.

RUMANIA / Chemical Technology, Chemical Products and Their
Application. Food Industry.

H-28

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17483

Author : Covalschi, T.

Inst : Not given

Title : Plastics as Packing for Food Products

Orig Pub : Rev. ind. aliment. prod. vegetale, 1957, No 8-9, 1-3

Abstract : The present-day plastics used for packing and preserving food products are reviewed. It included particularly those plastics used for packing of semi-fat and solid foods. Physical and chemical properties of plastics are described together with their protective characteristics with regard to humidity, light and objectionable micro-organisms. -- A. Marin

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PAVEL, I., prof.; PIETEA, R., dr.; COVANOV, D., dr.

Relations between renal diabetes and diabetes mellitus. Med.
intern. 15 no.8:931-941 Ag '63.

1. Lucrare efectuata in Clinica de nutritie I.M.F., Bucuresti,
(director: prof. I. Pavel).
(GLYCOURIA) (DIABETES MELLITUS)
(GENETICS, HUMAN)

PAVEL, I.; BONAPARTE, H.; PIRVULESCU, M.; COVACINOV, D.

Hyperosmotic diabetic coma without acido-ketosis. Stud. cercet.
med. intern. 6 no.2:145-155 '65.

PAVEL, I., prof.; GOVANOV, D., dr.; CAZACU-DOBRESCU, M., dr.

Systematic detection of some nutritional disorders in 2 sub-
divisions of Bucharest. Med. intern. 16 no.2:147-152 F'64.

1. Lucrare efectuata in Clinica de boli de nutritie I.P.S.M.F.,
Bucuresti.

*

DUMITRESCU, C., dr.; COVANCIV, D., dr.; VANILESCU, V., dr.

Biguanides in oral therapy of diabetes. Med. intern. (Bucur.)
17 no.4:445-451 Apr '65.

1. Lucrare efectuata in Clinica de boli de nutritie, Spitalul
"Dr. N. Cantacuzino", Bucuresti (Director: prof. I. Pavel).

PAVEL, I.; COVANOV, D.; STANESCU, I.; STOICAN, O.

Morbidity of obesity in the city of Bucharest. Stud. cercet.
endocr. 16 no.3:293-297 '65.

COVAR, O.

Bonus instead of rent.

P. 2 (CONSTRUCTORUL) (Bucuresti, Rumania) Vol. 9, No. 387 June 1957

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

CRACIUN, Ion, economist; SANDA, Constantii; BARBALATA, St.;
PAVLOVICI, Aurel, economist; COVAR, O., economist

New construction sites. Constr Bus 16 no. 743:1
4 April '64.

1. Din subredactia voluntara de la Balati (for Barbalata).

COVAR, O. A., economist principal

With decided steps on the right path. Const Buc 16 no. 732:2
18 Ja'64.

DUTA, Ioan; COVAR, O.A., economist principal; BUGUR, N.

Internal reserves used judiciously. Constr Buc 16 no.734: 2
1 F '64.

1. Inginer-sef al intreprinderii "Marmura", Simeria (for Duta).
2. Directorul intreprinderii de materiale de constructii "1 Mai", Bucov (for Bucur).

COVAR, O.A.

The objectives of innovators. Constr Buc 16 no. 738:2
29 February 1964.

DATCU, Nicolae; MOLDOVAN, Ilie; RADU, Ion; ILIE, Ion; POPESCU, Nicolae;
COVAR, O.A., economist

From letters received from voluntary newspapermen. Constr
Buc 16 no.742:2 28 March 1964.

MIHALACHE, Scarlet; COVAR, O. A., economist

Young innovators. Constr Buc 16 no. 752: 2 6 June '64.

1. Secretary of the Union of Working Youth Committee
(for Mihalache).
2. The Scaeni Glass Plant (for Covar).

TAPULEASA, Grigore, coresp.; ENESCU, Constantin, coresp.; COVAR, C.A., coresp.;
CRISTOIU, Valentin, coresp.

Constructors report new progress. Constr Buc 17 no.802:1
22 My '65.

COVALSCHI, T., ing.

Fluorescent electric lighting in textile mills. Ind text
Run 10 no.9:372-375 S '5).

1. Ministerul Industriei și Comerțului de Consum.

STERESCU, N.; COVASNEANU, Zenobia; STANCU, Alexandra

Experimental studies on the functional state of the thyroid gland in posteffort period of rest. Studies with the aid of I^{131} and P^{32} .
Studii cerc fiziol 6 no.1:107-113 '61. (EEAI 10:9)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R. 2. Membru al Comitetului de redactie, "Studii si cercetari de fiziologie" (for Sterescu).

(THYROID GLAND) (REST) (RADIOISOTOPES)
(IODINE) PHOSPHORUS)

COVASNEANU, Z.; HAULICA, I.

New research on amphetamine of adrenaline. p. 1671. Academia
Republicii Populare Romine. COMUNICARILE. Bucuresti. Vol. 5, no. 11
Nov. 1955

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COVASNEANU, Z.

About the mechanical action to produce an insulin shock.

p. 87 (Academia Republicii Populare Romane. Institutul de Fiziologie Normala si Patologica. Studii Si Cercetari De Fiziologie. Vol. 1, no. 1/2, Jan./June, 1958
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February 1958

VASILESCU, V.; COVASNEANU, Zentbia; DUMITRESCU-PAPAHAGI, Elena; FOTINO, S.;
BITTMAN, E.; SUCMANSCHI, Maria; GHIZARI, Eugenia; IONESCU, C.

On some metabolic and hematological reactions of chemical workers to
nitroaromatic substances. Studii cerc fiziol 5 no.1:53-57 '60.

(EEAI 9:12)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu al Academiei R.P.R. 2. Redactor responsabil adjunct,
Studii si cercetari de fiziologie (for Vasilescu)

(NITRO GROUP)

(AROMATIC COMPOUNDS)

(BLOOD)

(METABOLISM)

(CHEMICAL WORKERS)

CHIOSA, L.; HAULICA, I.; COVASNEANU, Zenobia; ANITESCU, M.; MANOLESCU, A.

Pharmacological properties of an oxime, the chloride of phenacyloxime pyridinium. Note IV. Action upon the striated musculature, correlation with cholinesterase, toxicity. Studii cerc fiziol 5 no.2:321-326 '60. (EEAI 10:2)

1. Comitetul de redactie, Studii si cercetari de fiziologie, membru al Comitetului de redactie, Studii si cercetari de fiziologie (for Chiosa)

(OXIMES)
(PHENACYLPYRIDINIUM CHLORIDE)
(STRIA LONGITUDINALIS MEDIALIS)
(STRIA LONGITUDINALIS LATERALIS)
(MUSCLES) (CHOLINESTERASES)

CRAINICEANU, Al.:<GOVASNEANU, Zenobia; STRUNGARU, Gr.; SUCMANSCHI, Maria

Action of insulin upon the cholinesterase and the muscular reactivity.
Studii cerc fiziol 5 no.2: 405-409 '60. (EBAI 10:2)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu" al Academiei R.P.R.
(INSULIN) (CHOLINESTERASES) (MUSCLES)

STERESCU, N.; COVASNEANU, Zenobia; STANCU, Alexandra

Influence of the acute physical effort upon the functional conditions of the thyroid gland in rats; study with the aid of the radioactive iodine I¹³¹. Studii cerc fiziol 5 no.3:509-514 '60. (REAI 10:2)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.Danielopolu" al Academiei R.P.R. 2. Comitetul de redactie, Studii si cercetari de fiziologie, membru al Comitetului de redactie (for Sterescu).

(THYROID GLAND)

(IODINE)

(RADIOISOTOPES)

STERESCU, N.; COVASNEANU, Zenobia; STANCU, Alexandra

Modifications in the fixation of radioactive phosphorus (P^{32}) in
suprarenal bodies of the guinea pigs submitted to physical effort.
Studii cerc fiziol 5 no.3: 615-621 '60. (EEAI 10:2)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu" al Academiei R.P.R. 2. Comitetul de redactie,
Studii si cercetari de fiziologie, membru al Comitetului de
redactie (for Sterescu).

(NADIOISOTOPES)

(PHOSPHORUS)

(ADRENAL GLANDS)

STERESCU, N.; COVASNEANU, Zenobia; STANCU, Alexandra

Comparative studies on the fixation modifications of the radioactive phosphorus (P^{32}) and radioactive iodine (I^{131}) in the thyroid gland of the rats submitted to physical effort. Studii cerc fiziol 5 no. 4:759:766 '60.

(1. Thyroid gland 2. Metabolism)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R.
2. Membru a Comitetului de redactie "Studii si cercetari de fiziologie" (for Sterescu).

BENETATO, Gr., acad; VASILESCU, V.; MIULESCU, Viorica; GRUNSPAN, M.; COVASNEANU,
Zenobia; STERESCU, N.

On the output and rate of adrenocortical-pituitary secretion in dogs.
(Experimental investigations by means of the "isolated head and brains"
perfusion method). Rumanian M Rev. no.1:85-93 Ja-Mr '61.
(ADRENAL (CORTEX physiology) (PITUITARY GLAND physiology)
(CORTICOTROPIN blood)

BENETATO, Gr., acad.; VASILEC, V.; HAULICA, I.; GRUNSPAN, M.; STERESCU, N.;
COVASNEANU, Zenobia; ALEJAN, L.; DUMITRIU, S.

A study of the chemical mediators of adrenocorticotrophic neurohypophyseal secretion. Rumanian J Rev. no.1:94-95 Ja-Mr '61.

1. The "Prof. Dr. D. Danielopolu" Institute of Normal and Pathological Physiology, Academy of the R.P.R. Director: Acad. Gr. Benetato) and the Chair of Physiology of the Medicopharmaceutical Institute, Bucharest.

(ADRENAL CORTEX physiology) (PITUITARY GLAND physiology)
(PARASYMPATHOLYTICS pharmacology) (SYMPATHOLYTICS pharmacology)
(HISTAMINE pharmacology)

VASILESCU, V.; COVASNEANU, Zenobia; DUMITRESCU-PAPA HAGI, Elena; FOTINO, S.;
BITTMAN, E.; SUGMANSCHI, Maria; GHIZARI, Eugenia; IONESCU, C.

Clinical and laboratory investigations concerning metabolic, hematological,
and neuromuscular excitability changes in workers from the nitro-aromatic
compounds chemical industry. Rumanian M Rev. no.1:275 Ja-Mr '61.

1. The "Prof. Dr. Danielopolu" Institute of Normal and Pathological
Physiology, Academy of the R.P.R., Director: Acad. Gr. Benetato.
(METABOLIC DISEASES) (BLOOD DISEASES)
(NERVE ENDINGS diseases) (OCCUPATIONAL DISEASES)
(DINITROTOLUENE toxicology)

VASILESCU, V., & GOVAENEANU, Zenobia

A study on the incorporation of P^{32} with the ribonucleic acid of the brain, liver and muscles in rats under the influence of trinitrotoluene (TNT). *Studii cerc fizic* 6 no.2:221-228 '61.

1. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danileopolu" al Academiei R.P.R. 2.Redactor responsabil adjunct, "Studii si cercetari de fiziologie" (for Vasilescu).

(RADIOACTIVE SUBSTANCES) (PHOSPHORUS)
(RIBONUCLEIC ACIDS) (TRINITROTOLUENE) (BRAIN)
(LIVER) (MUSCLES)

COVASNEANU, Zenobia; STANCIU, Alexandra; STERESCU, N.

Seasonal modifications of the thyroid response to physical effort; studies with the aid of radioactive iodine and phosphorus. Studii cerc fisiol 6 no.2: 25-341 '61.

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(THYROID GLAND) (PHYSICAL FITNESS)
(RADIOACTIVE SUBSTANCES)

GOLDENBERG, N.; CASETTI, M.; BLUM, M.; DIMITRU, I.; COVIC, Maria;
MARCULESCU, Cristina; ABABEI, Viorica

Ionograms of normal and pathological gastric juice. Stud.
cercet. med. intern. 5 no.5:513-525 '64.

1. Clinica medicala, Spitalul "C.I. Parhon" (for Goldenberg,
Gasetti, Blum, Dimitriu, Covic). 2. Laboratorul de biochimie,
Spitalul "C.I. Parhon" (for Marculescu, Ababei).

COVIC, Velimir

Sarcoidosis with bizarre clinical manifestations and our experience with the treatment of this disease. Tuberkuloza, Beogr. 12 no.2: 176-185 '60.

1. Antituberkulozni dispanzer, Banja Luka (sef: dr V.Covic)
(SARCOIDOSIS ther)
(LUNG DISEASE'S ther)

COVIC, V.

Early diagnosis and therapy of pulmonary tumors in an anti-tuberculosis dispensary in Banja Luka. Med. arh. 19 no.1: 35-40 Ja-F, '64

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Determination of the accumulation volumes necessary to the irrigation developments in small hydrographic basins with insufficient hydrologic data. Meteorologia hidrol gosp 8 no.3:133-136 '63.

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The uroprecipitation test. Polski tygod.lek. 15 no.33:1257-1260.
15 Ag '60.

1. Z I Kliniki Pediatricznej A.M. we Wroclawiu; kierownik: prof.
dr med. H.Hirsfeldowa
(RHEUMATIC FEVER diag.)
(PRECIPITINS)

GOZL, Jiri, ins.; KLOUBEK, Jaromir, ins.

Establishment of commercial graphs of two-track railroad transportation
on automatic computers. Doprava no.1:29-43 '63.