8/081/62/000/016/032/043 B168/B186

AUTHORS:

Ordelt, Oldřich, Holomek, Josef

TITLE:

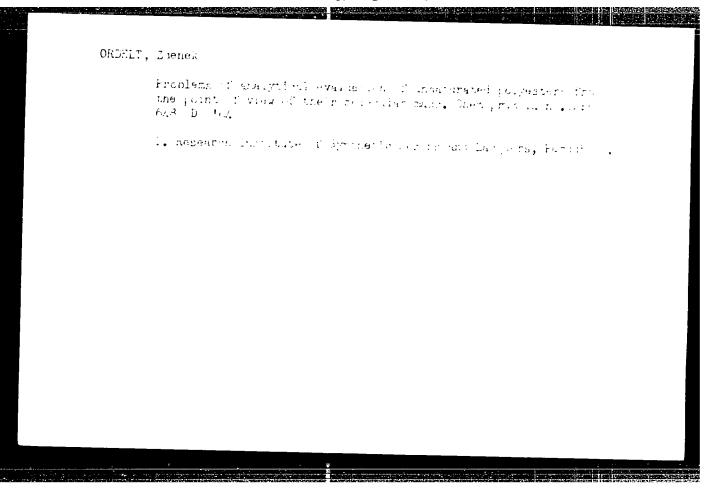
A method of molding under pressure

PERIODICAL:

Referativnyy zhurnal. Khimiya, no. 16, 1962, 542, abstract 16P213 (Czechosl. patent 94306, March 15, 1960)

TEXT: The method is distinguished by the fact that, in order to improve the homogenization of the melted polymer and to raise the output of the molding machine, the finished melted polymer is fed directly from the polymerizing unit or from a separate melter into the cylinder of the machine. ¡Abstracter's note: Complete translation.]

Card 1/1



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ORDELT, Z.

"Polyesters. (To be cortd.)," p. 182.
(Chemicky Prumys), Vol.3, Nc.5, May 1953, Fraha.)

So: Monthly List of Hyspan Accessions, Library of Congress, September 1953, Uncl.
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ORDFLT, Z.

Problems regarding controversial views within the scope of research tasks

p. 380
Vol. 5, no. 8, Aug. 1955
ZA SOCIALISTICKOU VFDU A TECHNIKU
Praha

SO: Monthly List of East European Accessions, (EFAL), LC, Vol. 5, no. 2 February 1956

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CHELL, .; K.E.C.O., J.

CR. II., ..; FRENCIST, J. Lec E.C. addition of the intreduction institutes. ...78.

Vol. 5, ..o. 10, Col. 1981.

A SCHALISTICYCL LINE A TECHINE TECH. (1'CY)

Probe, Cz choslovskia

OO: Lest director Associat. Vol. 4, ..o. 4, by 1954
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z/009/61/000/012/005/005 E112/E953

AUTHORS:

Ordelt, Zdenek and Ciganek, František

TITLE:

Contribution to the polycondensation mechanism of

1,2-cyclohexanediol with phthalic anhydride

PERIODICAL:

Chemický průmysl, no.12, 1961, 669-671

The reaction of cyclohexanediol with maleic TEXT: anhydride was described in a previous paper (Ref.l: Ordelt Z., Chem.prum.10, 35, 663, 1960), where it was shown that, during condensation, the diol was catalytically dehydrated. In addition, the reaction mechanism was obscured by possible reactions with the double bond of the maleic or fumaric acids. It was felt by the authors that the use of phthalic anhydride would produce less ambiguous results. It is now shown that the polycondensation with phthalic anhydride proceeds, because of steric hindrances, at only half the rate of that of maleic anhydride. During the reaction. dehydration of the 1,2-cyclohexanediol takes place, the rate of which at temperatures above 200°C, considerably exceeds the dehydration of the maleic resin. Best reaction conditions are 200° and a 15 to 20% molar excess of the diol. A portion of the Card 1/3

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Contribution to the poly...

-7/009/61/000/017/005/005 F112/E953

dehydration products remains in the resin, their concentration increasing with rise of temperature. Increase of temperature accounts increase in the molecular weight of the resin. It was established that the resin contained some polymeric materia. Without carbony: function which was considered to be a polymer of and 1.3-cyclohexadiene. The resin produced from phthatic anhydria and 1.2-cyclohexanediol at 2000C is a brittle, transparent, slightly yellowish substance. Condensations at higher temperatures produce a brownish material. In principle, no basic differences were detected between maleic and phthatic anhydride, with the exception of rate of resultion and additions on to the double bonis of maleic anhydride. Experimental details follow the

ard 2/3

Contribution to the poly ...

Z/009/61/000/012/005/06, E112/E953

previous paper. There are 3 figures, 2 tables and 4 references 2 Soviet-bloc and 2 non-Soviet-bloc. The English-language references read as follows: Ref.3: US pat. 2 515 758 (18.7.1900): Ref.4: Pohle D.W., Menlenbacher C. V. a Cook H., Oil a. Soap, Lo.

ASSOCIATION: Výzkumný ústav syntetických pryskyřic a laků,

(Research Institute for Synthetic Resins and Faints.

Pardubice)

SUBMITTED: February 15, 1961

Card 3/3

ORDEL'T, Z. [Ordelt, Z.]

Structure of unsaturated polyesters and the mechanism of reactions taking place during their preparation. Vyskokom.soed. 4 no.7:1110-1117 J1 '62. (MIRA 15:7)

S/131/62/000/007/004/011 B124/B144

15.810

Ordel't, Zdenek, Gudechek, Zdenek (Pardubice, CzSSR)

AUTHORS:

Unsaturated polyesters based on cyclohexanediol-1,2

TITLE:

PERIODICAL:

Plasticheckiye massy, no. 7, 1962, 20-23

TEXT: The most important factor in the polycondensation of cyclohexancdiol-1,2 (CHD-1,2) with maleic anhydride (MA) is the temperature, since this increases the rate of polyesterification as well as the denydration rate of the diol. The optimum temperature lies between 100 and 210°C. rate of the diol. The optimum temperature lies between 100 and 210°C. rate of the diol. The polyesterification proceeds rather quickly and At that temperature, the polyesterification proceeds rather quickly and the total loss in DH groups is about 10% of the initial OH groups. The reaction time required is 6-8 hr. The reaction products were distilled reaction time required is 6-8 hr. The reaction products were distilled reaction time required is 6-8 hr. The reaction products were distilled reaction time required is 6-8 hr. The reaction products were distilled reaction time required is 6-8 hr. The reaction products were distilled reaction time required is 6-8 hr. The reaction products were distilled reaction time required is 6-8 hr. The reaction products were distilled reaction time required is 6-8 hr. The resulting CH-1,3) (CH-1,3), the with water vapor; besides traces of cyclohexadiene-1,3 (CH-1,3), the distillate contained cyclohexanone and cyclopentyl formaldehyde. The distillate contained cyclohexanone and cyclopentyl formaldehyde. The total loss in OH groups in the initial CHD-1,2 is 25-30% the loss in total loss in OH groups in the initial CHD-1,2 is 25-30% the loss in total loss in OH groups in the initial CHD-1,2 is 25-30% the loss in total loss in OH groups in the initial CHD-1,2 is 25-30% the loss in total loss in OH groups in the initial CHD-1,3 reacts immediately weight only amounting to 2-4%. The resulting CH-1,3 reacts immediately with the maleic or fumaric acid compound which is the most important 1,2,3,6-tetrahydrophthalic acid compound which is the most important

Card 1/3

APPROVED FOR RELEASE: Tuesday, August 01, 2000

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Unsaturated polyepters based on ...

S/191/62/000/007/004/011 B124/B144

brittle owing to the high content of cyclic compounds and owing to destruction chase by temperature changes. When the ethylene glycol is partly replaced by CCD-1,2 in the usual polyester for glass-reinforced plastics, many mechanical properties, particularly hardness and heat resistance, are much relucel. This can be avoided by using an aliphatic dicarboxylic acid instead of part of PA. There are 2 figures and 3 tables. The English-language reference is: V. F. Jenkins et al., J. Oil a. Colour Chem. Assoc. 44, 42 (1951).

Card 3/3

ORDEL'T, Z.; DLASK, V.; KRATKIY, B.

Cross-linked polyesters based on maleic anhydride and epoxides. Vysokom. soed. 5 no.12:1879 D '63.

(MIRA 17:1)

Side relation to the limit to mensation of cyclohexamenic
1,7 dits made to anity stille. Them prom 14 no. 3: hall-name Mr. tou.
i. Research institute of Cynthetic Resins and Larquers, eard fee for front.
of loke herdstry, Corava for iganek).

L 103\(\overline{10}\) EWT'm)/EWP(e) WH ACC NR. AP603150: (N) SOURCE CODE: UR/0226/66/000/0008/0202/0205
AUTHOR: Samsonev, G. V.; Vitryanyuk, V. K.; Ordenko, V. B. #C
ORG: Kiev Polytechnical Institute (Kievskiy politekhnicheskiy institut)
TITLE: Preparation of highly porous materials from refractory compounds
SOURCE: Porosh ovaya metallurgiya, no. 8, 1966, 101-105
TOPIC TAGS: percus material, refractory metal, refractory metal compound, refractory metal carbide, fractory metal boride, refractory metal silicide, oxide reduction, Pokosity, Pokosi Metal.
ABSTRACT: The authors investigated the possibility of obtaining high-porosity products from corbides, silicides and borides of refractory metals by reduction of oxides with similataneous sintering of the obtained active particles of compounds, during which the volatile products of reduction, such as CO, E_2O_2 and SiO, escape. Conditions were cortablished for the preparation of high-porosity articles (up to 70—72% porosity) from chromium carbide by reduction of chromium oxide with carbon black and simultaneous sintering. Originart, has: 2 figures and 2 tables. [TD]
SUR CODE: 11, 13/ SUBM DATE: 06Apr66/ ORIG REF: 011/ OTH REF: 001
Cord 1/1/16

14-57-6-12417

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 6,

p 99 (USSR)

AUTHOR: Ordeval, A. P., Kubota, Dzh., Smit, Kh. M.

TITLE: Principal Soil Types and Their Relation to Climate

(Glavnyye tipy pochv i ikh svyaz' s klimatom)

PERIODICAL: V sb: Merzlotnyye yavleniya v gruntakh, Moscow, Izd-vo

in. lit., 1955, pp 9-20

ABSTRACT: Climatic change from north to south produces change in

the soils. Low temperature and slight precipitation cause the formation of tundra soils. Climatic influence is basically of a physical nature. Both physical and chemical factors contribute to the formation of podzol soils. Chernozem is developed in the semiarid and semihumid temperate climates. In deserts, climatic influence exhibits itself mainly in the physical

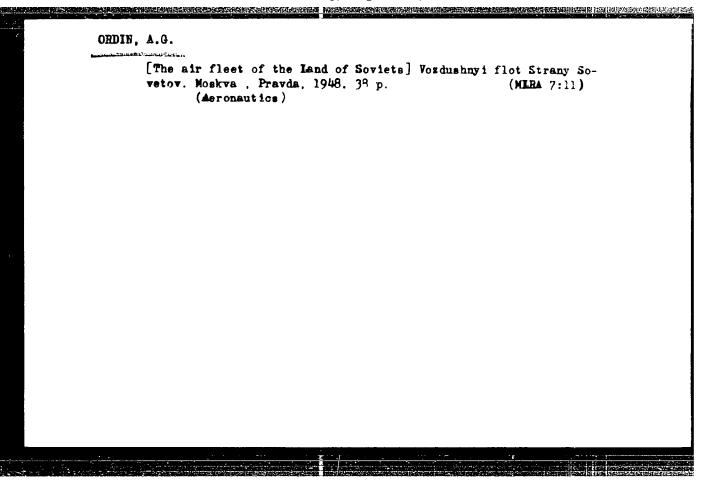
destruction of original materials. Latosols (former-

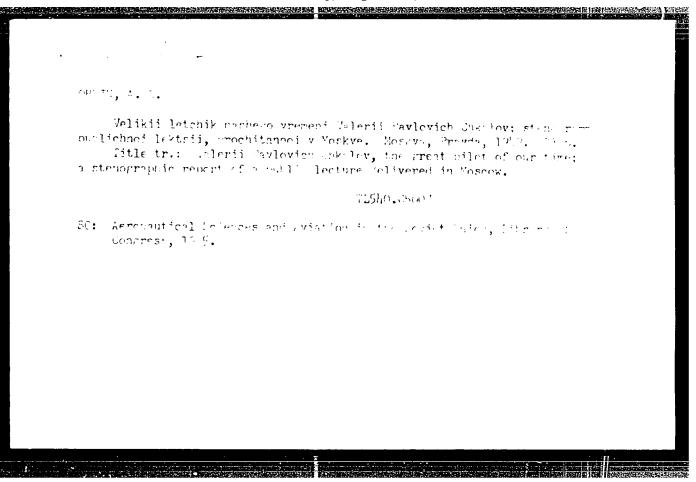
Card 1/2 ly known as laterites, red laterites, or red clays,

(SCLEROSIS) (CYANOCOBALAMINE	Treatment of amyotrophic lateral sclerosis by means of injection of vitamin B_{12} . Vrach.delo no.10:1013-1014		
	(SCLEROSIS)	(CYANOCOBALAMINE	(MIRA 13:2)

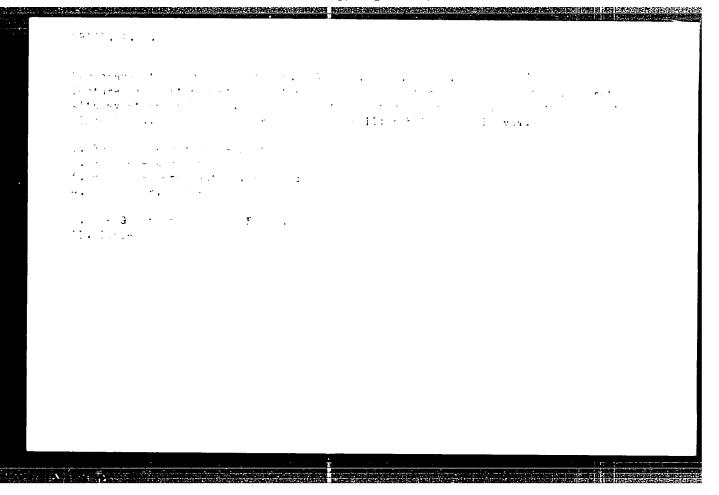
BONDAR, M. P.; ORDIKOV, M. L. and LOPATA, A. A. CRDIKCY, M.L.
"Haladka Tokarnykh Avtomatov i Feluavtomatov," (Mechanisms and Settimus of Automatic and Semi-automatic Lathes), 27% p., Kiev and Moscow, 1950.
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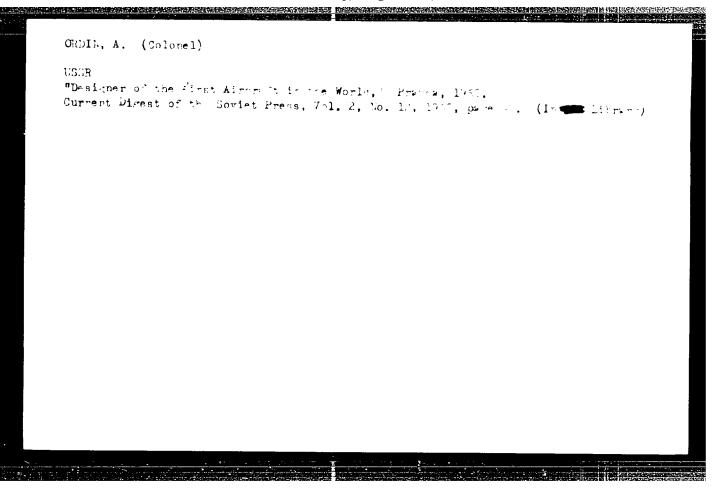
PEDIN, A.A.
Obtaining of monos oric cultures of mencills by means of the tree alos.
Mikropiolo iya. vol. 21, p. '4 3. 1952.





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ORDIN, A. G.

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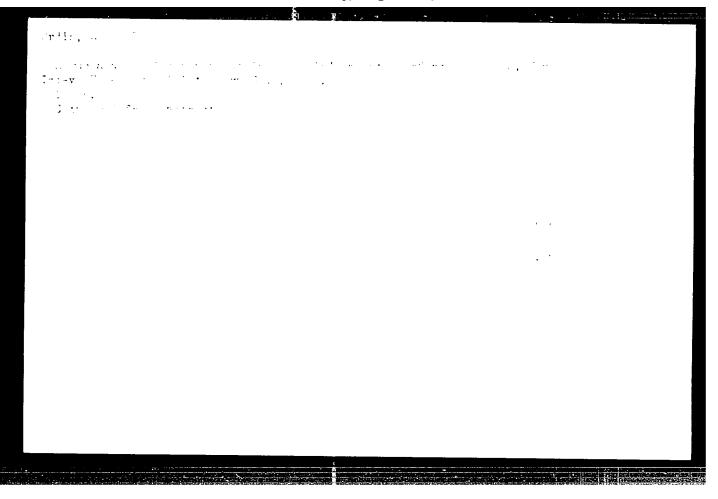
Title: Air Force of the UNSR 63 pp., illust.

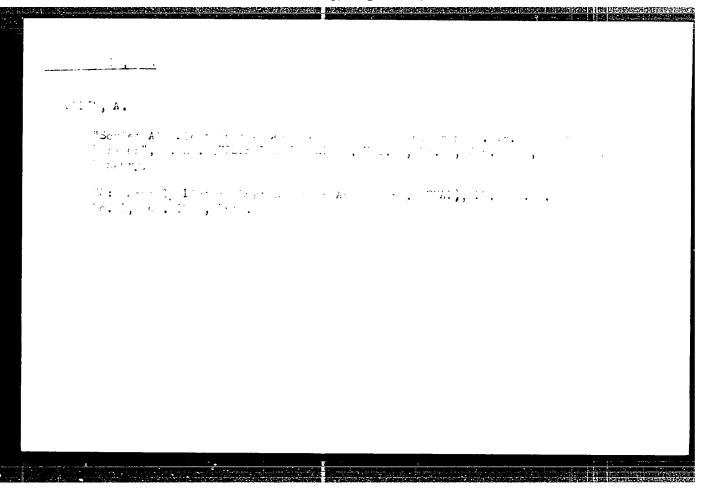
Date: 1950

Subject: Aeronautics - Russia

Available: Library of Congress, Call No. 71526.R90717

Source: Lib. of Cong. Sub. Cat., 1951





ORDIN, A.G., general-mayor aviatsii

What was learned from one emergency situation. Vest. Vozd. Fl. 41
(MIRA 12:4)
no.2:38-40 F 159.

(Flight training)

25 All isolated active strains suppress both 210274 210214 Lant Mar/Age 52 Diseases (Coatd) Ordin, Moscow Sta, All-Union Inst of Plant Prosame species), but only 47.7% of them counteract these 3 bacterial apecies, all of them gram meg, Panily found Phytopathogenic Bacteria," A. P. criterion of the resistance of bacteria to pemi-26.3% of all species of the Penicillium family and 3.5% of species of the Asperigillus family Bact. aroiseae and Bact. cartovorum (which must Bact. Vesicatorium. The antiblotics evolved by penicillae exert a strong suppressing action on indicating that the Gram reaction is not an abs Max/Apr counteract Bact. aroidse Tows., Bact. caroto-"Antagonism of Soil Fungi of the Penicillium be regarded as closely related strains of the vorum (Jones) Burgw., and Bact. vesicatorium Diseases "Mikrobiol" Vol XXI, No 2, pp 192-199 UBER/Biology (Agriculture) - Plant USGE/Biology (Agriculture) - Plant cillas antibiotics. tect 100 • 4 ORDIN,

CRDIN, A. F.

Fenicillin

Production of single-spore penicillin cultures with a dry needle. M ikrobiologiia 21 no. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1977, Uncl.

ORDIN, A. P., Cand Biol Sci -- (diss) "Mycoflora of the rhizosphere of plants and soils of stony steppe."

Mos, 1957. 20 pp (Inst of Microbiology, Acad Sci USSR), 120 copies (KL, 1-58, 117)

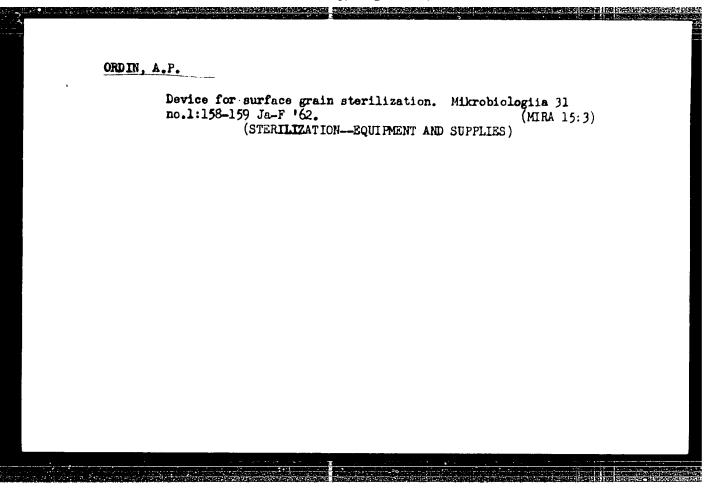
- 36 -

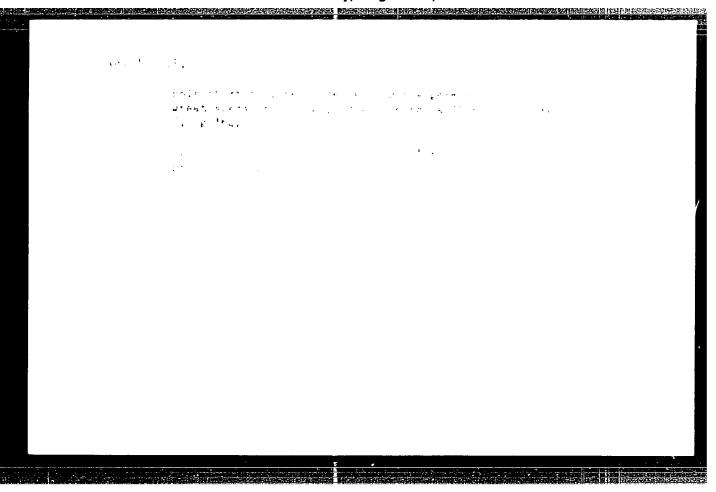
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ORDIE, A.P.

Effect of vegetation on the composition of soil microflore. Izv. AN SSSE. Ser.biol. no.4:495-502 J1-Ag '57. (MIRA 10:8)

1. Institut mikrobiologii Akademii nauk SSSR (KAMENNAYA STRPPE-SOIL MICRO-CRGANISMS)





ACCESSION NR: AP4000450

S/0032/63/029/011/1341/1343

AUTHORS: Cherkez, M. B.; Ordin, V. P.

TITLE: Study of corrosion processes in passivating metals by application of anodic polarization

SOURCE: Zavodskaya laboratoriya, v. 29, no. 11, 1963, 1341-1343

TOPIC TAGS: passivating metal, metal corrosion, passivating metal corrosion, corrosion study, potentiostatic method, corrosion study potentiostatic method, anodic polarization, anodic polarization current, EI602 steel corrosion, EI602 steel passivation, passivation potential, EI602 steel passivation potential, transpassivation potential, EI602 steel transpassivation potential, EI602 steel, anode current polarization, metal passivation, critical passivation current density, passivation current density

ABSTRACT: A potentiostatic apparatus was used to study corrosion processes, to determine the limits of a stable passive state, and to establish the relative variation in the metal corrosion rate during its transition from an active state into a stable passive and transpassivation state. The experimental results are

ACCESSION NR: AP4000450

presented graphically in Figures 1 and 2 on the Enclosures. They represent the polarization curves (voltage current density) which reflect the variation in the corrosion process intensity during a gradual metal passivation induced by anodic currents. The density of the anodic polarization current corresponded to the metal affinity toward passivation. It is shown that polarization curves may be used for the determination of corrosion velocity, limits of a stable passive state, relative variation of metal corrosion velocity in active and passive states, and the absolute value of the corrosion rate in the passivation state. Orig. art. has:

ASSOCIATION: none

SUBMITTED: 00

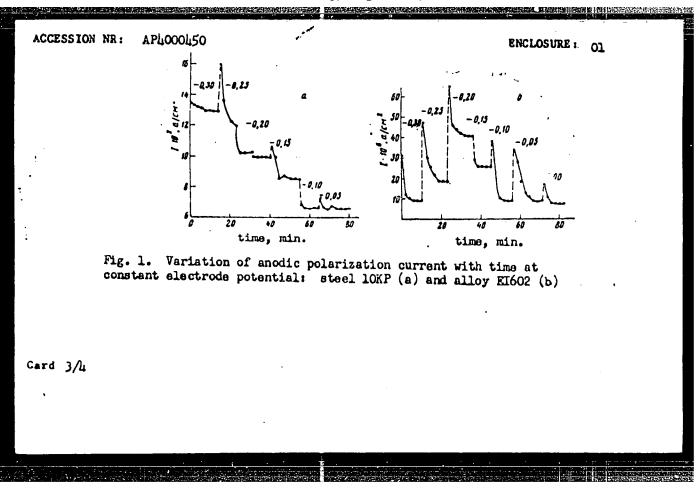
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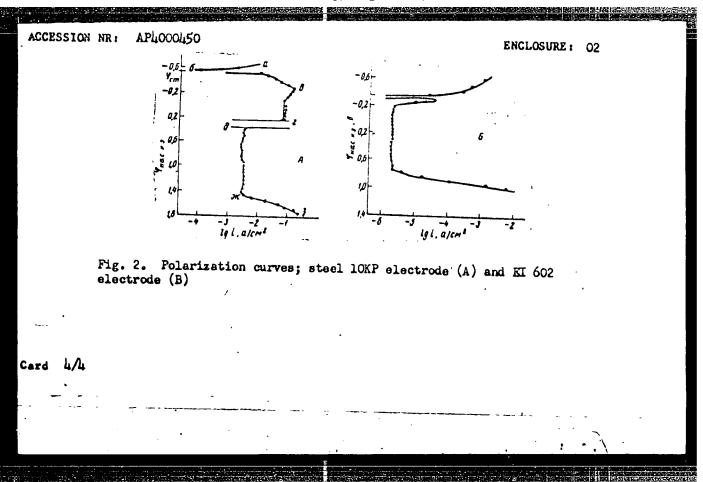
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ACC NR: AM6023679	Monograph		
Ordina, G. P.	,	5/	ur
Technology learns from nature; bionic uchitsya u prirody; bionika. Rekom Ordina, Moscow, Izd-vo "Kniga", 65. biblioteka SSSR imeni V. I. Lenina)	condition the control of the control	teratury) Comp. by G.	P.
TOPIC TAGS: bionics, cybernetics, bio	ocybernetics		
PURPOSE AND COVERAGE: This pamphlet pand related sciences. Bionics is explicated to obtain knowledge applicable to technique are valued because of their dependabil A., "Bionics The Science Born Befor Steyngauz, A., "The Engineer and Natur	mology and its autom ity, compactness, an	I processes in living ation. Nature's proc d efficiency. Prokho	g nature cesses prov.
Steyngauz, A., "The Engineer and Natur 9, pp. 194210. Saparina, Ye., V., " by A. I. Berg. Moscow, "Molodaya gvar "What Is Bionics." Moscow, Voyenizdat Krayzmer, L. P., "Bionics." Moscow	e. Bionics. What Is What the Jellyfish Andiya," 1966. 144 pp., 1963. 87 pp. illus	st, 1965, No. 4, pp. s It?" Novyy Mir, 19 re Concealing." Concealing." Concealing." illus. Astashenkov s. (Nauchpopul. b-k	4655. 663, No. clusion 7, P. T.,
Parin, V. V., "Living and Technical Sy Linkovskiy, G. B. and Smuglyy, S. I., 1964, No. 3, pp. 52-58. Al'tov, G. S	migrad, Gosenergolzo	lat, 1962, 72 pp. ill	us.
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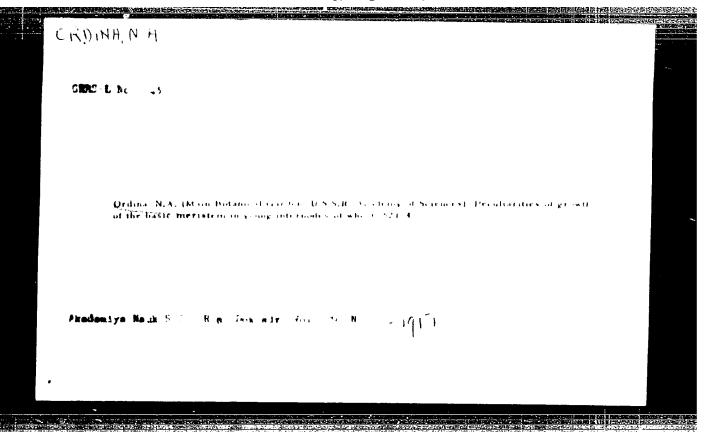
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ACC NR: AM6023679

No. 11, pp. 111--112. Manteyfel', B. P. et al, "The Orientation and Navigation of Animals. The Most Important Trends in Bionic Research," Priroda, 1965, No. 2, pp. 26--32. Mironov, I., "Not a Temple, but a Workshop," Znaniye -- sila, 1964, No. 7, pp. 14--16. Parin, V. V., "Bionics," Zdorov'ye, 1964, No. 1, pp. 9--10. Napalkov, A. V. and Chichvarina, N. A., "The Brain and Cybernetics. (Cybernetic keys to secrets of the brain)," "Znaniye," 1963. 48 pp. illus. Prokhorov, A. I. "Bionics." Foreword by V. V. Parin. Moscow, "Znaniye," 1963. 56 pp. Teplov, L. "Essays on Cybernetics." Moscow, "Mosk. rabochiy," 1963, 415 pp. illus. Saparina, Ye. "Cybernetics Within Us." Moscow, "Molodaya gvardiya," 1962. 303 pp. illus.

SUB CODE: 06/ SUBM DATE: 19Jul65/ ORIG REF: 015

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9. Monthly List of	Russian Accessions,	Library of Congress,	uctichet	195 % . Uncl.

ORDINA, N. A.

"The Intercalary Meristem and Its Role in the Ontogenesis of Wheat." Cand Biol Sci, Inst of Botany imeni V. L. Komorov, Acad Sci USSR (Apr-Jun 54). (Vest Ak Nauk, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educations Institutions (11)

SO: Sum. No.521, 2 Jun 55

USSR/Plant Diseases - Diseases of Cultivated Plants.

0.3

Abs Jour : Ref Zhur - Biol., No 7, 1953, 30234

Author : Ordina, N.A.

Inst : Central Scientific Research Institute of Bast Fiber.

Title : The Structural and Microchemical Changes in Flax Stems

and Fibers in the Presence of Fungous Infections.

Orig Pub : Nauchno-issled. tr. Tsentr. a-i in-t prom-sti lul.

volukon, 1957, 10, 58-72.

Abstract : Description is given of the changes in flax stems and

beaten fiber produced as a result of infection with

Fusarium lini Boll. and Polyspora lini Peth.

Card 1/1

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1,	ORDINA. O. M.
2.	U3SR (600)
4.	Lungs - Diseases
7.	Clinical and anatomical study on modifications in the diaphragm in pulmonary and cardiac insufficiency. Arkhiv pat. 14, No. 6, 1952.
9.	Monthly List of Russian Accessions, Library of Congress, May 1953, Unclassified.

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ZIVERT, K.H., prof.; ORDINA, O.M., dots.

Rare complication of cardiospasm [with summary in English]. Khirurgiia 34 no.1:109-114 Ja '58. (MIRA 11:3)

1. Iz kafedry gospital'noy khirurgii (zav.-deystvitel'nyy chlen AMN SSSR A.G.Savinykh) i kafedry patologicheskoy anatomii (zav.-prof. I.V.Torootsev)

(CARDIOSPASM, surgery, poston. esophageal ulcer perf. into pulm. vein (Rus)

(PEPPIC ULCER, perforation, esophageal into pulm. vein after cardiospasm surg. (Rus)

(VEINS, PULMONARY, perf. by esophageal ulcer after cardiospasm surg. (Rus)
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ORDA NA, O.M. dots.

Some morphological data substantiating the renal origin of so-called hypernophromas. Urologiia 24 no.1:21-26 Ja-F '59. (MIRA 12:1)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. I.V. Toroptsev)
Tomskogo meditsinskogo instituta.
(KIDNETS, neoplasms

hypernephroma, histogenesis (Rus))

ORDINA, O.M., kand.med.nauk

Clinical morphological characteristics of sympatho gonioma. Pediatriia 37 no.11:50-56 N '59. (MIRA 13:3)

1. Is kafedry patologicheskoy anatomii (zaveduyushchiy - prof. I.V. Toroptsev) Tomskogo meditsinskogo instituta. (NEURCHLASTOMA pathology)

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ORDINA, O.M., dotsent; MOSKVIN, V.I., dotsent

Concer of the intestines in children. Pediatria 38 no.12:68-70 (MIRA 14:2)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. I.V. Toroptsev) i kafedry detskoy khirurgii (zav. - prof. I.S. Vengerovskiy) Tomskogo meditsinskogo instituta.

(CECUM-CANCER)

VITKOVSKAYA, G.L.; ORDINA, O.M. (Tomsk)

Pheochromocytoma with a malignant form of hypertension. Problemdok.i gorm. 7 no.3:112-114 '61. (MIRA 14:9)

1. Iz kafedry propedevticheskoy terapii (zav. - prof. B.M. Shershevskiy) i kafedry patologicheskoy anatomii (zav. - prof. I.V. Toroptsev) Tomskogo meditsinskogo instituta.

(ADRENAL GLANDS—TUMORS) (HYPERTENSION)

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 (

CIA-RDP86-00513R001238

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L 46145-66 EWT(m)/EWP(j)/T · IJP(c) WW/RM

ACC NR. AP6026738 (A) SOURCE CODE: UR/0183/66/000/003/0042/0043

AUTHOR: Serkov, A. T.; Budnitskiy, G. A.; Chivilikhina, M. P.; Veretennikova, T. P.; Shishkina, N. P.; Kondrashova, I. A.; Murayleva, L. V.; Ordina, V. I.

ORG: VNIIV

TITLE: Improving the quality of viscose cord

SOURCE: Khimicheskiye volokna, no. 3, 1966, 42-43

TOPIC TAGS: cellulose, synthetic material, cellulose plastic, synthetic fiber

ABSTRACT: The details of a modified procedure for manufacturing high tensile strength viscose cords are described. In essence, the procedure consists of accelerated processes of coagulation, filtration, and cord forming. It also requires the use of high purity reagents: sulfuric acid (GOST 2184-59), and ethylene oxide- and aliphatic amine derivatives as modifiers. The modified procedure does not require any new machines, only a minor adjustment of the cord spinning procedure. It is claimed that the modified procedure is capable of yielding viscose cords with tensile strength by 50-60% greater than that manufactured elsewhere in the world. Orig. art. has: 2 figures.

SUB CODE:

SUBM DATE: 28Feb66/

ORIG REF: 004

Cord 1/1 /1/

UDC: 677.463

SOV . 57-57-1-1 47

Translation from Referativnyy zhurnal Metallurgiya, 1957, Nr., p. 30 (USSR)

AUTHOR: Ordina, Z G

TITLE: Diffusion Siliconizing of Iron and Steel (Diffuzionnoye silitsirovanive zheleza i stali)

PERIODICAL Tr Leningr tekhnol in-ta pishch prom-sti, 1955, Vo. .2

pp 290-307

ABSTRACT Pack and gas siliconizing (S) of specimens of Fe of the VIT grade and specimens of steels of the types 10, 40, U7, and U12 was conducted under laboratory conditions at temperatures of 950, 1000, 1050, 1100, 1150, and 1200°C, the exposure times amounting to 3, 6, 9, 12, 18, and 24 hours. A mixture composed of 80%, FeSi, 15% fire clay (with particle sizes ranging from 0.5 to 10 min) and 5% NH4Cl was chosen for the pack S process. Best results during gas S were achieved with FeSi particles of 10-2.5 and 2.5-5.0 mm in size, with a consumption of Cl of 2 liters the The microstructure and microhardness of the layer were studied. It was established that the Si content in the diffusion layer may be

Card 1/2 determined from the microhardness of the latter. The depth of

SOV . 37-57 . . . 47

Diffusion Siliconizing of Iron and Steel

the siliconized layer in carbon steel diminishes rapidly at first, as the C concentration in the steel is increased, its rate of decrease becoming gradually smaller. When exposed to a corrosive gaseous medium in the course of a 4-3 our test at temperatures up to 800° , the siliconized layer on specimens of VIT from and grade 10 steel exhibited good corrosion resistance. The same siliconized steel was found to be chemically stable in 10% solutions of H_2SO_4 and HNO_5 at low temperatures as well as at the boiling temperature

O - V

Card 2,2

AUTHOR: Ordina, 2. 3.

TITLE: The Determination of the Silicon Content as a Function of

the Layer Thickness by the Method of Micro-Hardness (C; reference nive soderzhaniya kremniya po glubine sloya met i m misro-

tverdosti)

PERICOICAL: Zavodokaya Laboratoriya, 1958, Vol. 24, Nr 8,

pp. 1015 - 1016 (USCH)

ABSTRACT: Since the method of micro-hardness is the quickert if i

simplest method for determining hardness it can profit they be applied to clarifying questions concerning that he will be applied to clarifying questions concerning that he composition or cold hardening. In the work report i have changes in the micro-hardness of iron-silicon all young a silicon content of 1,06 - 18,5% were investible to 1. The PMT-3 apparatus constructed by M.M.Khrushchov and Yella.

Berkovich was used. The experimental results on w that the hardness continually increases with an increase of the

silicon content of the strong a-solution. It was allow ordered

Card 1, 2 that the results obtained varied with the size of the last

The Determination of the Silicon Content as a $CCV_1(t) = 24 + n + 27/4$. Function of the Layer Thickness by the Method of Micro-Harinean

In order to confirm this relationship letween the coance in hardness and the silicon content of these injers appropriate members analyses were corried out. Silicon analyses were carried out on V I T-iron and car. We not the steels under various conditions. It was found to the content of layers can be determined in a profit of miner by comparing the micro-hardness of these layers to that measured for an icon-silicon alloy whose chemical compacts is known. There are 2 figures, 1 table, and 7 records which are Soviet.

ASSOCIATION: Tekhnologicneskiy institut pishchevoy promyshloh: ti (Technological In titute of the Food Industry)

Card 2/2

s/129/60/000/06/012/022 E073/E535

18,1150

Ordina, Z. G., Candidate of Technical Sciences

Diffusion of Silicon in Chromium Steel

PERIODICAL: Metallovedeniye i termicheskaya obrabotka metallov,

1960, Nr 6, pp 46-47 (USSR)

ABSTRACT: It is known that the combined influence of chromium and silicon on the corrosion resistance of steel is stronger than that of each element separately (Refs 1 and 2). Therefore, the author considered it of interest to investigate the anti-corrosive effect of a surface layer enriched simultaneously with these two elements. Experiments have shown that Si enriched 12.4% Cr steel has a high resistance to gas corrosion up to 1000°C and Si enriched low carbon steel has a good resistance to gas corrosion only up to 800°C, the corrosion resistance being smaller by a factor of 4 than that of chromium steel. Little has been published on this subject (1 German and 1 French patent are quoted). For the purpose of elucidating the influence of chromium on the diffusion of silicon into steel, the authors investigated a number

Card 1/3

S/129/60/000/06/012/022 E073/E535

Diffusion of Silicon in Chromium Steel

of steels, namely, steel 20 (.13 to 0.17% C), 20Kh (1% Cr), Kh6 (6.3% Cr) and Kh13 (12.4% Cr). The silicon enrichment was produced from solid powdery mixtures at temperatures of 1050 to 1200°C for durations of 3,6,9 and 12 hours and also by means of gas cyaniding by the passage of chlorine through ferrosilicon with firebrick at 950°C for durations of 1,2,4 and 6 hours. The influence of the chromium content on the depth of the silicon enriched layer is shown by the plot, Fig 2. It was found that in the case of saturation of chromium steel with silicon a bright silicized layer forms on the surface which does not etch and consists of a uniform solid solution of a columnar structure containing simultaneously chromium and silicon. The chromium in the steel reduces the depth of the layer but brings about the formation of a dense and uniform layer. Such a surface layer ensures a higher resistance to corrosion Card 2/3 than a layer containing only silicon.

S/129/60/000/06/012/022 E073/E535

Diffusion of Silicon in Chromium Steel

There are 2 figures and 2 Soviet references.

ASSOCIATION: Leningradskiy tekhnologicheskiy institut pishchevoy promyshlennosti (Leningrad Technical Institute for the Food Industry)

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Card 3/3

ORDINTSOV, V. S.

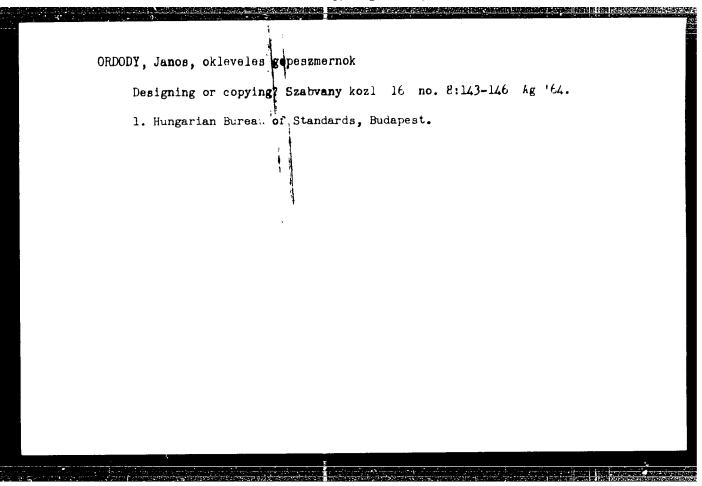
"On Elood-sucking Midges of the Klyaz'ma River Basin."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

(Moscow)

ORDLOVSKIY, M.B. New Famennian polyzoan species from the Chatkal-Naryn zone of the Tien Shan. Paleont. zhur. no.2:64-71 '61. (MIRA 14:6) 1. Kirgizskoye geologicheskoye upravleniye. (Tien Shan--Polyzoa, Fossil)

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BRYZGALOV, V. A., CRDNSKIY, V. V., CHERNETCHENEC, V. S.	•
Agriculture - Experimentation	
What scientists are working on in 1952. Sad i og. No. 6, 1952.	
Monthly List of Russian Accessions, Library of Congress,	_195 3. Unclassified.



ORDODY, J.

ORDODY, J. Evolvent geometric expression of the length of tramsmission belts. p. 439

Vol. 7, No. 11, Nov. 1955 Budapest, Hungary GEP

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5 No. 3, March, 1956

QUODY, J	
0	s the kilogram and a strong with Szabvany közl 15 no.10:22:-22.20

ORDODY, Janos, okleveles gepeszmernok

Role of the Renard numbers in the standardization of printing plate drawings. Szabvany kozl 16 no.11:195-196 N '64.

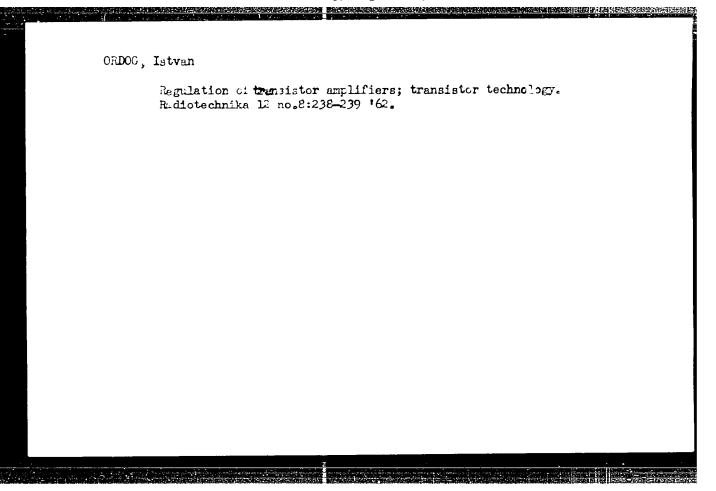
1. Hungarian Bureau of Standards, Budapest.

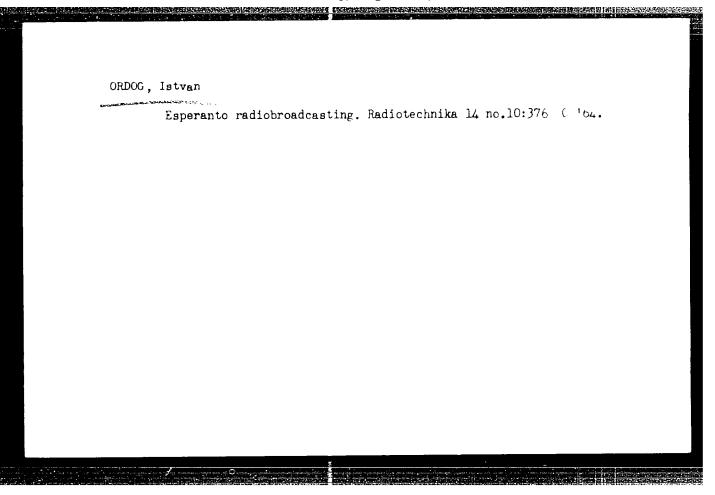
ORDGG, I.

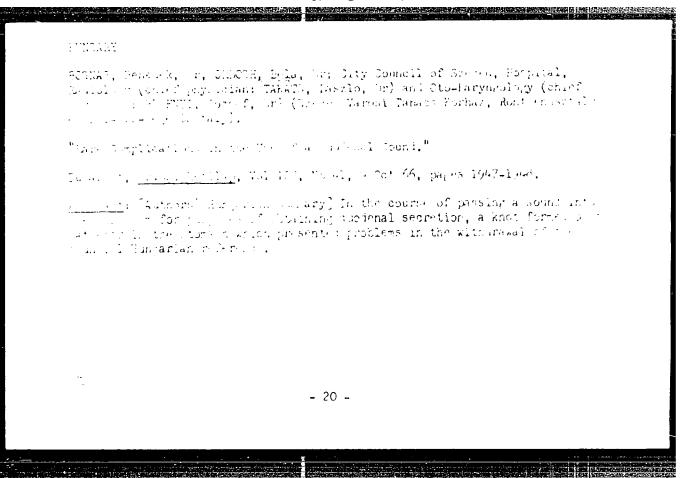
ORDOG, I. Qualitative characteristics of industrial sands in the district of malaton. p.348

Vol. 11, No. 6, June 1956. BANYASZATI LAPOK TECTNOLOGY Budapest, Hungary

So: East European Accession, Vol. 5, No. 2, Fet. 1957







ORDOGH, F.; SZENDE, K.

Temperature bacteriophages isolated from Rhizobium meliloti.
Acta microb. hung. 8 no.1:65-71 '61.

1. Institute of Genetics, Hungarian Academy of Sciences, Budapest.

(BACTERIOPHAGE) (RHIZOBIUM immunol.)

ORDOGH A

HUMGARY/Human and Animal Physiology (Normal and Pathological). T-14

Skin.

Abs Jour : Ref Thur - Biol., No 11, 1958, 51426

Author : Czake, Jezsef; Ordech, Katalin

Inst :

Title : The Influence of Environmental Temperature upon the Skin

and Hair Temperature of Large Horned Cattle (multicolared

Hungarian Breed).

Orig Pub : Allattenyesztes, 1956, 5, No 4, 311-316.

Abstract : No abstract.

Card 1/1

- 147 -

Finetics of the decomposition of arm min on a quartz surface. p. 315.

MAGENET TERRORT S ARTHURA - 17.7, no. 3/L, 1077

Telapest, Hungary

so. There was MAN Armord to Low - 21.5, No. 7, 1929 1966

ORDOW, M.

"Noncaralytic" exidation of angenia, P. 325 MA MAR TULTERINGS
AKADEMIA Padapost, Burnary Vol. 7, no. 3/1, 1699

JOURGE: Atal IC 701.5, no. 7, July 1996

HUNGARY/Physical Chemistry. Kinetics. Combustion. Explosions.

Topochemistry. Catalysis.

D-9

Abs Jour: Ref Zhur-Khim., No 13, 1958, 42630.

Author : Szabo Zoltan, Ordogh Maria

Inst

Title : Kinetics of Dissociation of Amesonia at the Surface

of Quartz.

Orig Pub: Magyar tud. akad. Kem. tud. oszt. kozl., 1956, 7,

No 3-4, 313-324.

Abstract: A study of the kinetics of decomposition of NE at

the surface of quartz, at 740 and 640 and initital NH; -pressure p_0 50-200 mm Hg. It was ascertained that the resulting N; does not affect decomposition of NH;, while H, which is strongly adsorbed at the quartz surface decelerates this reaction. The fol-

Card : 1/2

22

HUNGARY / Physical Chemistry. Kinetics. Combustion. B-9

Explosions. Topochemistry. Catalysis.

Abs Jour: Ref Zhur-Khimiya, No 7, 1959, 22586.

Author : Szabo, Z. G., Ordogh, M.

Inst : Not given.

Title : On the Kinetics of the Decomposition of Ammonia

on Quartz Surface.

Orig Pub: Acta phys. et chem. Szeged, 1957, 3, No 1-4,

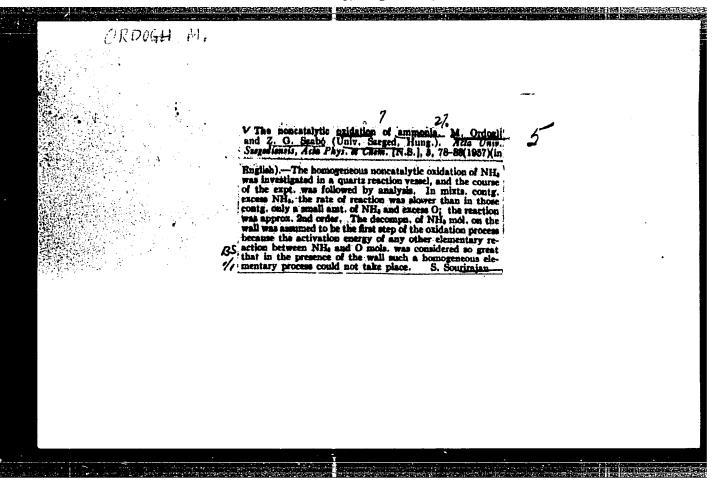
69-77.

Abstract: The decomposition of NH3 in a quartz vessel was studied in a static system at 640 and 740° and

studied in a static system at 640 and 740 and under initial pressures of NH₃ of 50 to 200 mm of mercury column. N₂ has no noticeable effect on the rate v of the reaction, but H₂ decreases it very much. v may be expressed by the equation $v = kp_{NH_3} \cdot p_0/(b_{NH_3} p_{NH_3} \neq b_{H_2} p_{H_2})$, where p_0

Card 1/2

19

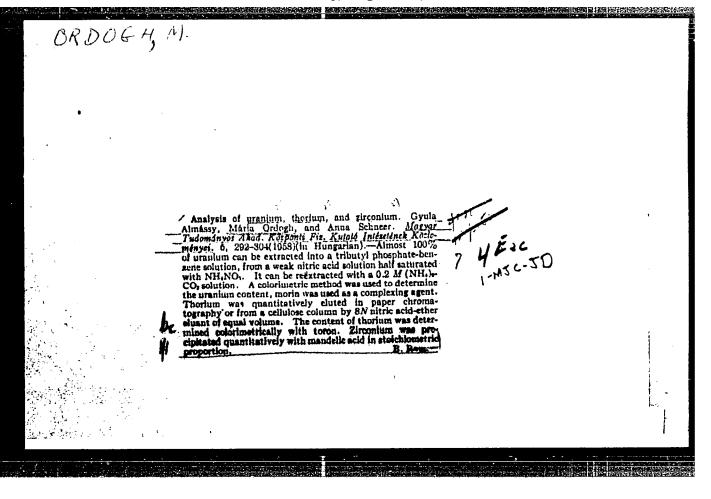


ORDOGH, M.; SCHNEER, A.; ALMASSY, GY.

Analysis of uranium, thorium, and zirconium. p. 285.

Budapest. Kozponti Fizikai Kutato Intezet. A MAGYAR TUDOMANYOS AKEDEMIA KOZPONTI FIZIKAI KUTATO INTEZETENEK KOZIEMENYEI, Budapest, Hungary, Vol. 6, No. 4, Jul/Aug. 1958

Monthly list of East European Accessions (ERAI) LC, Vol. 8, No. 7, July 1959 UNCL



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HUNGWRY/Amalytical Chemistry. Amalysis of Increasing Chemistry.

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Abs J.ur: Ref Zhur-Khim., No 24, 1958, 81322.

muthor : Ordogh, M.; Fodor, M

Inst

Title

: Determination of Uranium.

Orig Pub: Emergia es atom techn., 1958, 11, No 1-2, 27-33.

.bstract: Review of the determination methods (precipita-

tion, complex formation, extraction, distillation, electrolysis, and ion exchange) and of determination (gravimetrical, titrimetrical photometrical, and fluorometrical) of uranium. The bibliography includes 18 names. -- I. Krish-

tofori.

Card : 1/1

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SOTETICE	
TETTODICALS:	MADVAN KENTAL MOLYCIP CT, Vol. AL, no. 7/6, July/Aug. 1958
Ordowh, ". I	Data on the chromatograph to on thereing . v. 240
	of Eart, Fuporean Access tons (PEAT) to, Wor. 1, Me. 1, Telass.

ORDOGH, Maria; SCHNEER, Anna

Paper chromatographic analysis in connection with the producing of tellurium (VI) compounds. Koz fiz kozl MTA 8 no.1:39-40 '60.

(EEAI 10:1)

1. Magkemiai Laboratorium II, A Magyar Tudomanyos Akademia Kozponti Fizikai Kutato Intezete.

(Tellurium) (Chromatography) (Chlorination)

(Butyl alcohol) (Hydrochloric acid) (Tin chlorides)

0/CB1/62/CUC/UC3/USA/CDC U196/B102

AUDMINA:

Crdoch, Márie, Ujer, Vercnika

71772:

Neutron-activation analysis used for determinant tuntulous

in high-jurity silicon

: LAICDICAL:

Referentively, one shall. This might, no. 3, 1922, 1922, austract 3000 (impour tail ahai. Hozy, fiz. huteté int. néel., v. -, nos. 5-6, 1900, 307-311, IV, X)

TIME: The fundamentals of activation analysis, and of its use for determining Ta by non-adstructive methods, using y-spectrometry, are det forth. Abstracter's note: Complete translation.

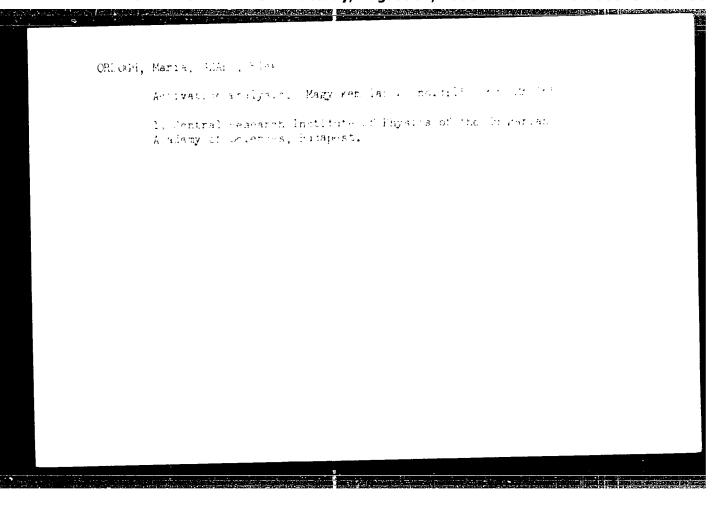
Card 1/1

` Cruxoun	, Maria
	Ultramicrochemical analysis. Mary kem lap 15 no.7:325-329 J1 (6).
	1. Kozponti Fizikai Kutato Intezet.

SZABO, Elek; ELEK, Antal; Off WH, Maria; UPOR, Endre

Determination of the trace elema the of rocks by the method of neutron activation. Kozwiz kezi MTA 12 no.5:355-364 '64.

'. Central Research Institute of Physics, Hungarian Academy of Sciences, Budapest.



8/,137/61/000/003/069/069 A006/A101

AUTHOR:

Ordokov, I.

TITLE:

Residual stresses of the II and III order in electrolytic coatings

to the second

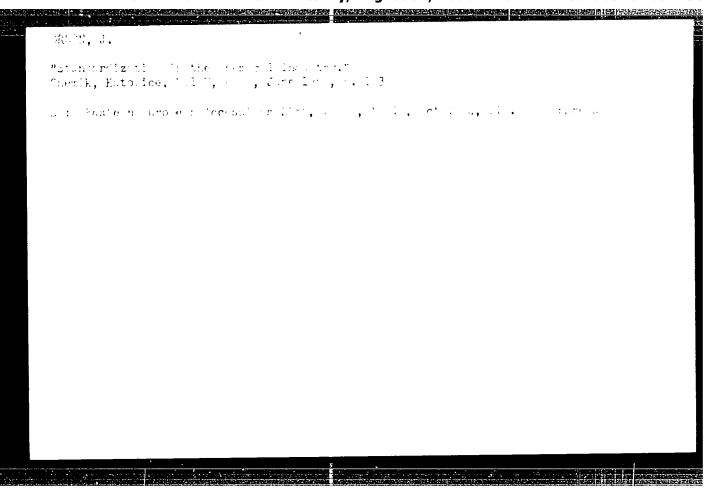
PERIODICAL: Referativnyy zhurnal. Metallurgiya, no.3, 1961, 61, abstract 31471 (Pr. Preheval skogo ped. in-ta", no 5, 1957 (1958), 93-102)

TEXT: The X-ray method was employed to investigate the crystallite and elementary distortions in electrolytic Gu-coatings on steel plates. It was established that the external layer of the coating acquired the atemio-crystalline structure of monadeformed metal, with increasing thickness, due to higher current intensity or deposition time. 4 .

Ye, L.

[Abstractor's note: Complete translation.] 4 4 to 1

Card 1/1



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OPDM, JUNEAU.

Normalizacja w gozenysl in the option. (Wyd. 1. Warshawa, Finstwows Wydown, Technicone, 1951, 159 p.
(Standardization in the chemical industry. 1st ed. diagrs., index, tables)

S0: Monthly List of Mast European Accessions (SEAL) 12, Vol. 6, no. 6, June 196, Uncl.
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ORDEH, J.

TECHNILLIGY

Periodicals: MORMALIDADIA. Vol. 29, no. 4, Sept. 1958

ORDON, J. The European Congress of Chemical Engineering. p.1.37

Monthly List of East European Accessions (ELAI) If, Vol. 8, No. 2, February 1909, Unclass.

(A)2 00517-66

ACCESSION NR: AP5020881

PO/0082/65/000/07-/0003/0012

AUTHOR: Orden, Stanislaw (Commander, Doctor)

28

TITLE: Defense aspects in the development of the maritime economy of the Polish People's Republic

SOURCE: Przeglad morski, no. 7-8, 1965, 3-12

TOPIC TAGS: shipbuilding engineering, marine engineering, merchant marine status, defense installation, naval installation

ABSTRACT: After defining the concept maritime economy, the author reviews the condition of port facilities for the Polish naval forces existing prior to World War II. The legal status determining the use of Danxig by the Polish navy and the reasons compelling the Polish government to build a new naval port at Gdynia in the year after World War I, when only the port of Danxig was available, are discussed. The shortcomings and the insufficient port facilities for naval forces in pre-World War II Poland are pointed out. Present-day conditions are also reviewed: three large ports are available, in Gdansk, Gdynia and Sacsecin. Data are given concerning the size of the merchant and the fishing fleets, and the military importance of the two fleets is indicated. The shipbuilding industry in

Card 1/2

L 00517-66

ACCESSION NR: APSOROSSI

pre-World War II Poland is described and contrasted with the present-day situation of rapid expansion. It is pointed out that in 1964 Polish shippards built 47 ships of total capacity of 234, 268 BRT and carrying capacity of 296, 430 DWT, attaining 12th place in the capacity of 234, 268 BRT and carrying capacity of 296, 430 DWT, attaining 12th place in the world production of ships. The production of equipment, such as Diesel engines, is also world production of ships. The production of equipment, such as Diesel engines, is also world production of ships. The production of equipment, such as Diesel engines, is also world producted out. Next, the described. The defence aspect of the shipbuilding industry is also pointed out. Next, the navel and merchant marine educational establishments are reviewed. It is noted that in 1964 about 32% of officers in the Polish naval forces had higher military or civilian education. A table is given showing the numbers of students attending the different departments of the State Maritime Schools in the years from 1960 to 1965. Maritime schools of secondary and college level are enumerated and the number of graduates are given for 1963-ondary and college level are enumerated and the number of graduates are given for 1963-ondary and college level are enumerated in the coastal area of Poland and dealing with maritime problems are enumerated. Orig. art. has: 1 table.

ABSOCIATION: Nome

SUBMITTED: 00

ENCL: 00

SUB CODE: MS, GO

NO REF SOV: 000

OTHER: 025

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APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R0012381

CRUCY FILLYH. HY

SEMENOV, M.P., sotrudnik; ORDOVSKAYA, A.Ye., sotrudnik; LYKOSHIN, A.G., sotrudnik; MOLOKOV, L.A., sotrudnik; KHRAMOGINA, T.S., sotrudnik; OOLUBEHKOVA, L.A., redaktor izdatel'stva; OUSEVA, S.S., tekhnicheskiy redaktor

[Papers from the hydrogeological engineering laboratory] Trudy laboratorii inzhenernoi gidrogeologii. Moskva, Gos.izd-vo lit-ry po stroit. i arkhit., 1957. 230 p. (MLRA 10:7)

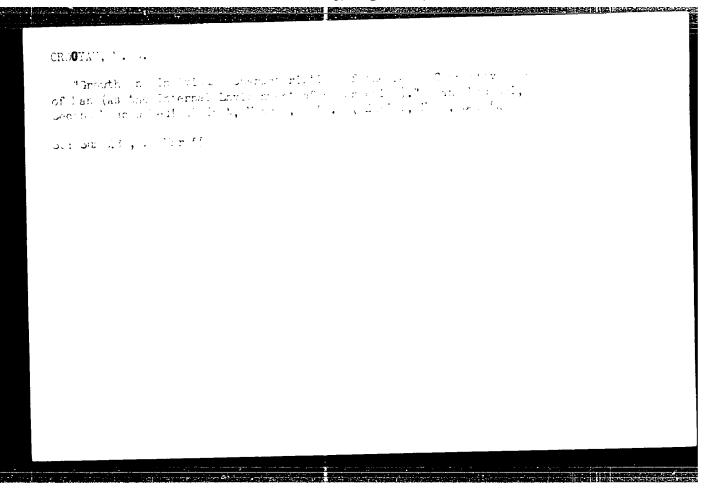
1. Moscow. Vsesoyusnyy nauchno-issledovatel'skiy institut vodosnabsheniya, kanalizatsii, gidrotekhnicheskikh soorusheniy i
inshenernoy gidrogeologii. 2. Vsesoyusnyy nauchno-issledovatel'skiy
institut Vodgeo (for Semenov, Oradovskaya). 3. Moskovskoye otdeleniye
Gidroenergoproyekta (for Lykoshin, Molokov, Ehramogina)
(Hydraulic engineering) (Engineering geology)

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ORDOVSKAYA, J.A.; FRENKEL', B.I., starshiy nauchnyy sotrudnik (Khar'kev)

Repeated serological examination of pregnant women is not expedient. Vest.dera.i von. no.1:59-60 %2. (MIRA 16:1)

1. Ministeratus zdravoovbrenenive 'krSSR, Kiyev (for Ordovskaya).

2. UEHKVI (for Frenkel') & F. & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & ... & .
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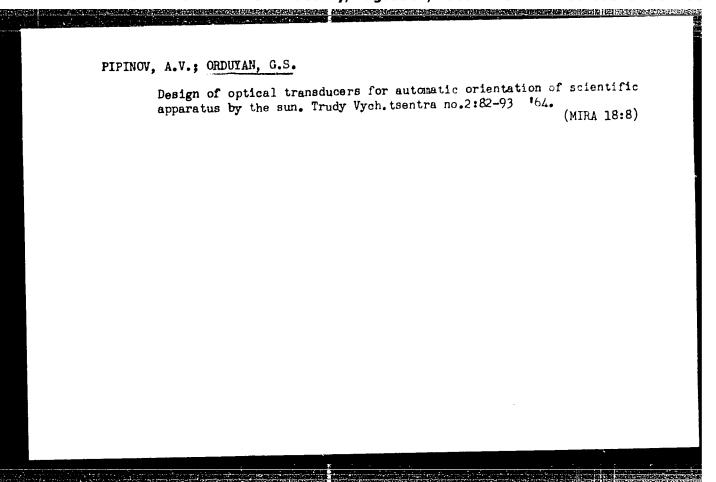
MARKARYAN, L.P.; ORDOYAN, M.S.

Effect of general X-ray radiation on the sexual system of white mice and rabbits (female). Vop. radiobiol. [AN Arm. SSR] 1:127-135 '60. (MIRA 15:3)

l. Iz kafedry akusherstva i ginekologii (zav. - zasluzhennyy deyatel' nauki prof. A.M. Agaronov) i kafedry patologicheskoy anatomii (zav. - dotsent V.T. Gabriyelyan) Yerevanskogo meditsinskogo instituta (dir. - dotsent S.N. Galstyan).

(X RAYS—PHYSIOLOGICAL EFFECT)

(GENERATIVE ORGANS)



"APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001238

E dus, Yr. T., Ordan, M. B. : Shok 'CA

62-11-23/25

TITLE:

On Catal tie Hydrocondensation of Girjon Monoxide (11% Or)fices. (O katalitioneskoy gidlokorochsatsii okisi ugleroca a olefinumi). 18.Report. Hydrode densition of the Carbon Monowide With Fenten-1 and Isomerization of the Little Into Penters -2 Juder Jenditions of This Reaction (Scubil cheniye 18. Glarokendem Italya okisi aglerola s pentenom-1 i incherizatsija poslednego v pent h-2 v usloviyalih etoj reaktsii)

PERIODICAL:

Izvestiya AN SSSR, otdel. Khim. Nauk, 1957, Nr 11, pp. 1:00-1.10

ABS RACT :

It is shown that under presence of H2 and Co the pentene-1 enters into hydro; olymerization- and hydrocondensation-reaction with CC with 28-30% at 1900, that it is isomerized into pentenc-2 with 26-30%, hydrogenized into pentane with 25-27% and suffers a morecracking with 3,. The hydrocondensate after the hydrogenation is a mixture of limit hydrocarbons of normal structure, with an animportant acmixture of slightly ramified ones. There are i figure, , tables, and & references, 7 of which are Slavic.

ASSUCIATION: Institute for organic Chemistry imeni N. D. Eclimbkiy of the Ab USSR (Institut organic eskey khimii im. N. D. Zelliskogo Akatemii

nauk SSSR)

Card 1/2

On Catalytic Hydrocondemnation of Carbon Monomide With Denten-1 and Islandary of Hydrocondemnation of the Carbon Monomide With Penten-1 and Islandarization of the Latter Into Particle-2 of er Canaltions of the Meaching.

SUBMILLAD: July 1, 1957

AVAILABLE: Library of Congress

Card 2/2

AUTHORS:

Eydus, Ya. T., and Ordyan. M. c.

20-1-27 44

TITLE:

On the Methylation of Cyclopentenes by Methylene Radicals that Form When Carbon Monoxide is Reduced by Contact with Hydrogen (O metilirovanii tsiklopentena metilenovymi radikalami, obrazuyush=chimisya kontaktnym vosstanovleniyem okisi ugleroda vodorodom).

PERIODICAL:

Doklady AN SSSR, 1957, Vol. 116, Nr 1, pp. 101-104(USSR).

ABSTRACT:

It was earlier proved that in the reaction of the catalytic lyiro=condensation of carbon monoxide with olefines a methylation of cyclo=hexene by methylene radicals takes place which form due to a hydration of CO by contact with hydrogen. From this develop monomethyland 1,2-dimethyl substitutes of cyclohexene. It was earlier experimentally proved that in the catalytic synthesis of hydrocarbons from CO and H₂ by methylation of benzene in toluol an intermediate forma-

tion of methyene radicals takes place. In the present paper the results of the study are described which were obtained from the investigation of the behavior of another cyclo-olefine, of cyclopentenetoward the hydrocondensation reaction with carbon monoxide. The apparatus and the test arrangement remained the same as in earlier works. The production method and the properties of the initial cyclopentene

Card 1/4

On the Methylation of Cyclopentenes by Methylene Radicals 10-1-27,44 that Form When Carbon Monoxide is Reduced by Contact with Hydrogen.

are described. Before the actual problem (see above) the behavior of the mentioned substance alone and in a mixture with hydrogen was studied. In the latter case the hydro-genation to cyclopentane (about $\sim 50\,\%$ calculated on cyclo leftine) took place as the only reaction. Neither hydro-cracking nor hydrogenelysis of the 5-menter cycle occurs. On the passage of cyclopentene through a gas mixture with Co and $\rm H_2$ the liquid catalysate or the whole consisted figure

clopentene and cyclopentane-mixture. The fraction 43,6 - 44,70 conetained small amounts of alighatic hydro arters which had formed from CO and H₂. On hydration of the liquid catalysate over platinized charcoal with addition of H₂PtCl₆ reaction products which boiled higher than cyclopentane were contained in a quantity of 4 - 4,5%. The hydrogenisate was subjected to fractionzated distillation. Figure 1 shows the fractionation curve. It has 3 wide plateaus which correspond to fractions II, IV and V. The results of an optical analysis showed that fraction II consists of almost pure methyl-cyclopentane with traces of cyclohexane. Fraction III contained 60% of the former and 40% of the latter substance, fraction IV - 10% of the latter and 35% of the former. Fraction V contained considerable amounts of ethyl-cyclohexane, entylcyclopentane and propylcyclopens

Card 2/4